



W.A Callegari Environmental Center
 1300 Dean Lee Drive,
 Baton Rouge, LA 70820
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Cost Center Price List 7/1/2010

www.lsuagcenter.com/callegari

List of Analyses for General Public
& Research Community

Schedule A
Water Quality Lab Analyses
 Individual Analysis

Individual Analysis	Method	Analysis Code	Price
Acidity	SM 2310 B	100	\$8.00
Alkalinity	SM 2320 B	101	\$8.00
Ammonia-N	SM 4500-NH3-E	102	\$8.00
Anions (includes the following) <i>(Bromide, Chloride, Fluoride, Nitrate, Nitrite, Phosphate, Sulfate)</i>	EPA 300.0 ---	103 ---	\$15.00 ---
BOD 5	SM 5210-B	104	\$20.00
Chem Oxygen Demand	EPA 410.4	105	\$12.00
Conductivity/salinity	SM 2510-B	106	\$8.00
Dissolved Oxygen	EPA 360.1	107	\$8.00
E.coli	SM 9221-F	108	\$20.00
Fecal Coliforms	SM 9221-E	109	\$15.00
Hydrolyzable Phosphorus	EPA 365.3	110	\$15.00
pH	EPA 150.1	111	\$8.00
Phosphorus- Ortho	EPA 365.3	112	\$15.00
Total Coliforms	SM 9221-B	113	\$30.00
Total Dissolved Solids	EPA 160.1	114	\$10.00
Total Heterotrophic Plate Count	SM 9215-A	115	\$15.00
Total Kjeldahl N	EPA 351.4	116	\$15.00
Total Petroleum Hydrocarbons	EPA 3511/8015	117	\$30.00
Total Phosphorus	EPA 365.3	118	\$15.00
Total Solids	EPA 160.3	119	\$10.00
Total Suspended Solids	EPA 160.2	120	\$10.00
Total Volatile Solids	EPA 160.4	121	\$10.00
Turbidity	EPA 180.1	122	\$8.00
Volatile Organic Chemicals (VOC)	EPA 3511/8015	123	\$30.00
Mercury (Cold vapor technique)	EPA 245.1	124	\$15.00
Metals and trace metals by ICP (no digest)	EPA 200.7	125	\$15.00
Metals and trace metals by ICP (with digestion)	EPA 200.7	126	\$15.00
Hardness	SM2340-B	127	\$15.00
Total Organic Carbon	EPA 9060A	128	\$10.00
Organohalide pesticides and PCB products	EPA 505	129	\$30.00
Purgeable organic compounds	EPA 524	130	\$30.00
Purgeable Halocarbons	EPA 601	131	\$30.00
Purgeable Aromatics	EPA 602	132	\$30.00
Acrolein and Acrylonitrile	EPA 603	133	\$30.00
Polynuclear Aromatic Hydrocarbons	EPA 610	134	\$30.00
Chlorinated herbicides	EPA 8151A	135	\$30.00
Organochlorine Pesticides	EPA 8081A	136	\$30.00
Organophosphorus Pesticides	EPA 8141A	137	\$30.00
Semivolatile Organic Compounds	EPA 8270C	138	\$30.00
Water Processing-Level 1	EPA	141	\$100.00
Water Processing-Level 2	EPA	142	\$250.00
Water Processing-Level 3	EPA	143	\$500.00



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Schedule A
Water Quality Lab Analyses
Analysis Packages

Phosphorus Speciation (151)			
Analysis:	Method	Code	Price
Hydrolyzable Phosphorus	EPA 365.3	151	\$43.00
Phosphorus- Ortho			
Total Phosphorus			
Nitrogen Speciation (152)			
Ammonia-N	SM 4500-NH3-E	152	\$36.00
Anions	EPA 300.0		
Total Kjeldahl N	EPA 351.4		
Solids Package (153)			
Total Dissolved Solids	EPA 160.1	153	\$38.00
Total Solids	EPA 160.3		
Total Suspended Solids	EPA 160.2		
Total Volatile Solids	EPA 160.4		
Animal Feeding Operation Runoff (154)			
Anions	EPA 300.0	154	\$72.00
BOD 5	SM 5210-B		
Fecal Coliforms	SM 9221-E		
Total Phosphorus	EPA 365.3		
Total Solids	EPA 160.3		
Confined Animal Feeding Operation Waste Treatment Water (155)			
Ammonia-N	SM 4500-NH3-E	155	\$95.00
Anions	EPA 300.0		
Chem Oxygen Demand	EPA 410.4		
Fecal Coliforms	SM 9221-E		
Total Dissolved Solids	EPA 160.1		
Total Kjeldahl N	EPA 351.4		
Total Phosphorus	EPA 365.3		
Total Suspended Solids	EPA 160.2		
Agricultural Runoff (156)			
Anions	EPA 300.0	156	\$67.00
BOD 5	SM 5210-B		
Total Phosphorus	EPA 365.3		
Total Solids	EPA 160.3		
Total Suspended Solids	EPA 160.2		
Hydrocarbon package (157)			
Total petroleum hydrocarbons	EPA 3511/8015	157	\$57.00
Volatile organic compounds	EPA 3511/8015		
Well water package (158)			
Anions	EPA 300.0	158	\$108.00
Electrical conductivity/salinity	SM 2510-B		
Turbidity	SM 2130-B		
Ammonia-N	SM 4500-NH3-E		
Metals and trace metals by ICP (no digest)	EPA 200.7		
Total Coliform test	SM 9221-B		
Volatile organic compounds	EPA 3511/8015		
Minimum post sterilization testing (chlorine sterilants only) (159)			
Anions	EPA 300.0	159	\$86.00
Total Coliforms	SM 9221-B		
Total heterotrophic bacteria plate counts	SM 9215-A		
Hardness	SM 2340-B		
Metals and trace metals by ICP (no digest)	EPA 200.7		
General Environmental Water and Wastewater Package (160)			
Anions	EPA 300.0	160	\$168.00
Biochemical oxygen command (BOD5)	SM 5210-B		
Mercury (Cold vapor technique)	EPA 245.1		
Metals and trace metals (with digestion)	EPA 200.7		
Total Dissolved Solids	EPA 160.1		
Total Solids	EPA 160.3		
Total Suspended Solids	EPA 160.2		
Total Organic Carbon	EPA 9060A		
Chem Oxygen Demand	EPA 410.4		
Total coliform bacteria	SM 9221-B		
Total Kjeldahl nitrogen	EPA 351.4		
Total phosphorus	EPA 365.3		



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Schedule B

Composting & Compost Analyses

Individual Analysis:

Individual Analysis	Method	Analysis Code	Price
Man Made Inert Removal and Classification	TMECC 02.02-C	200	\$15.00
Total Solids and Moisture At 70±5°C	TMECC 03.09-A	201	\$10.00
Total Nitrogen	TMECC 04.02-D	202	\$10.00
Organic C	TMECC 04.01-A and 05.02-A	203	\$10.00
Total Hydrogen	CHN Analyzer	204	\$10.00
Electrical Conductivity	TMECC 04.10-A	205	\$10.00
pH	TMECC 04.11-A	206	\$10.00
Bioassay (seedling emergence and seedling vigor)	TMECC 05.05-A	207	\$20.00
Organic Matter (Loss on ignition)	TMECC 05.07-A	208	\$10.00
Respirometry (CO2 evolution)	TMECC 05.08-B	209	\$20.00
ICP-AES/ICP-MS analysis for Metals	TMECC 04.14-A with digestion 04.12-B	210	\$20.00
Cold Vapor AA for Mercury	TMECC 04.13-A with digestion 04.12-A	211	\$25.00
Total Coliform Bacteria	TMECC 07.01-A	212	\$30.00
Ash (milled with inerts removal)	TMECC 03.02-B	213	\$10.00
Bulk Density, porosity, free air space and water holding capacity	TMECC 03.01-A	214	\$10.00
Sample sieving for aggregate size classification	TMECC 02.02-B	215	\$10.00
Nitrate by IC	TMECC 04.02-B	216	\$15.00
Ammonium (ion selective electrode)	TMECC 04.02-C	217	\$10.00
Water soluble P and K	TMECC 04.12-B, TMECC 04.03-B, TMECC 04.04-B	218	\$20.00
Specific oxygen uptake rate (SOUR)	TMECC 05.08-A	219	\$15.00
Heterotrophic microorganisms	APHA 9215-A, 9250-B and 9610-B	220	\$15.00
Total Petroleum Hydrocarbons (TPH)	EPA 3550-B and 8015-B	221	\$30.00
Volatile organic chemicals (VOC)	EPA 3550-B and 8015-B	222	\$30.00
Sample handling charge (splitting, mixing, milling and grinding)	TMECC 02.02-A, TMECC 02.02-D	223	\$15.00
Chlorinated herbicides	TMECC 06.01, EPA 8151A	224	\$30.00
Organochlorine Pesticides	TMECC 06.03, EPA 8081A	225	\$30.00
Organophosphorus Pesticides	TMECC 06.04, EPA 8141A	226	\$30.00
Semivolatile Organic Compounds	TMECC 06.046, EPA 8270C	227	\$30.00
Compost Processing-Level 1	USCC	241	\$100.00
Compost Processing-Level 2	USCC	242	\$250.00
Compost Processing-Level 3	USCC	243	\$500.00

Group Analysis Pricing:

Analysis	Method	Code	Price
Sample sieving for aggregate size classification	TMECC 02.02-B	401	\$200.00
Total Solids and Moisture at 70±5°C	TMECC 03.09-A		
Total Nitrogen	TMECC 04.02-D		
Organic C	TMECC 04.01-A and 05.02-A		
Total Hydrogen	CHN Analyzer		
Electrical Conductivity	TMECC 04.10-A		
pH	TMECC 04.11-A		
Bioassay (seedling emergence and seedling vigor)	TMECC 05.05-A		
Organic Matter (Loss on ignition)	TMECC 05.07-A		
Respirometry (CO2 evolution)	TMECC 05.08-B		
ICP-AES Analysis for Metals	TMECC 04.14-A with digestion 04.12-B		
Cold Vapor AA for Mercury	TMECC 04.13-A with digestion 04.12-A		
Total Coliform Bacteria	TMECC 07.01-A		
Sample Prep (splitting, mixing, milling and grinding)	TMECC 02.02-A, TMECC 02.02-D		



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Schedule C

BioDiesel Quality Control Lab Analyses (B100)

Individual Analysis:

Analysis	Method	Analyses Code	Price
Free and Total Glycerine	ASTM 6584	501	\$25.00
Fatty Acid Methyl/Ethyl Esters (FAME/FAEE)	GC FID	502	\$30.00
Fatty Acids (FA)	GC FID	503	\$30.00
Elements by ICP-OES including Phosphorus, Sulfur, Ca, and Mg	ASTM D4951-02	504	\$20.00
Flash point Test	ASTM D93-02a	505	\$15.00
Kinematic viscosity, 40C	ASTM D445-04	506	\$15.00
Sulfated Ash	ASTM D 874	507	\$15.00
Acid Number	ASTM D664	508	\$15.00
Phosphorus Content by ICP	ASTM D4951-02	509	\$20.00
Oxidative Stability Index	Rancimat, ASTM D2274	510	\$20.00
Moisture Contents	Karl Fisher Titration	511	\$20.00
Water & sediments by centrifugation	ASTM D2709	512	\$15.00
Cloud Point	ASTM D-2500-05	513	\$15.00
Carbon Residue 100% sample	ASTM D4530	514	\$15.00
Biodiesel, B100	Price per gallon	515	\$1.50
Deposit for 55 gallon drum	Price per drum	516	\$25.00
Biodiesel Processing-Level 1	ASTM	541	\$100.00
Biodiesel Processing-Level 2	ASTM	542	\$250.00
Biodiesel Processing-Level 3	ASTM	543	\$500.00

Group Analysis Pricing (Biodiesel ASTM D6751 Package):

Analysis	Method	Analyses Code	Price
Free and Total Glycerine	ASTM 6584	550	\$162.00
Elements by ICP-OES including Phosphorus, Sulfur, Ca, and Mg	ASTM D4951-02		
Flash point Test	ASTM D93-02a		
Kinematic viscosity, 40C	ASTM D445-04		
Sulfated Ash	ASTM D 874		
Acid Number	ASTM D664		
Oxidative Stability Index	Rancimat, ASTM D2274		
Water & sediments by centrifugation	ASTM D2709		
Cloud Point	ASTM D-2500-05		
Carbon Residue 100% sample	ASTM D4530		