



**Environmental Laboratory  
Licensure Application**

**PART C - Fields of Testing**

**INSTRUCTIONS**

**Laboratory Services**

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Each matrix is listed with the analyte parameters and their approved testing methods presented on the following pages. Select from each type of matrix tested the analyte parameters and corresponding method(s) appropriate to the scope of the laboratory. When selecting Fields of Testing, note the following general guidelines:

Reporting of data to demonstrate compliance for purposes of the U.S. or Arizona Safe Drinking Water Act requires licensure in the **Drinking Water sample matrix**;

Reporting of data to demonstrate compliance under the National Pollutant Discharge Elimination System or a State Wastewater Reuse permit requires licensure in the **Wastewater matrix**;

Reporting of data to demonstrate compliance with provisions of the Hazardous Waste Control requires licensure in the **Solid Waste matrix**;

Reporting of data to demonstrate compliance with provisions of the Arizona Aquifer Protection license program may require accreditation in **both the Drinking Water and Wastewater matrix**.

**Required Fees:**

**Proficiency Evaluation Fee**                    **\$130** All licensed laboratories must submit this fee with application

**Information Update Fee**                    **\$126** All out-of-state laboratories must submit this fee with application

Circle all methods to be used for each analyte desired. Approved method references may be found in A.A.C. R9-14-610.A. For the use of non-referenced methods, equivalency studies need to be completed and approved prior to use of the method – see Part E. A listing of approved methods may be found in A.A.C. R9-14-611 thru 614 and in:

Section A -- Drinking Water methods (Pages 2 - 14)  
Federal Register 40/CFR; Part 141;

Section B -- Wastewater methods (Pages 14 - 24 )  
Federal Register, 40/CFR, Part 136;

Section C -- Solid Waste methods (Pages 24 - 31)  
SW-846, USEPA.

Section D -- Ambient air primary and secondary pollutants (Pages 31 - 34)  
Federal Register, 40/CFR, Part 50, 60, 61;

Use additional space as necessary to list additional analytes or method references.

**SECTION A. DRINKING WATER PARAMETERS**

**1. Microbiology of Drinking Water**

Description	Reference	Method/s	Fee Per Method
Aeromonas	Z1	1605	\$228
Coliforms, Fecal	C2	9221E	\$228
		9222D	\$228
	C1	Hach 8001	\$228
Coliforms, Total, by Colilert (ONPG MUG)	C2	9223B	\$152
Coliforms, Total, by Colisure	C2	9223B	\$152
Coliforms, Total, by Membrane Filtration	C2	9222B	\$228
		9222C	\$228
Coliforms, Total and <i>E. coli</i> , by Membrane Filtration	Z8	1604	\$228
Coliforms, Total, by Multiple Tube Fermentation	C2	9221B and C	\$228
		C1	Hach 8001
Coliforms, Total, by Presence/Absence	C2	9221D	\$228
<i>Escherichia coli</i>	X	Tube Procedure	\$228
		Membrane Filter Procedure	\$228
<i>Cryptosporidium</i>	P4	1622	\$381
<i>Giardia</i> and <i>Cryptosporidium</i>	P5	1623	\$381
Heterotrophic Plate Count	C2	9215B	\$152
		Z4	SimPlate
Microscopic Particulate Analysis	P1	910/9-92-029	\$228
Viruses	P2	600/R-95/178	\$381

**2. Inorganic Chemistry and Physical Properties of Drinking Water**

Description	Reference	Method/s	Fee Per Method
Alkalinity	C2	2320B	\$19
Asbestos	H1	100.1	\$503
	H2	100.2	\$503
Bromate	A6	317	\$76
		326	\$76
	Z	300.1	\$26
		321.8	\$152
Bromide	A2	300	\$26
		317	\$76
	A7	326	\$76
		Z	300.1

Calcium	A1	200.7	\$10
	C	3111B	\$26
		3500-Ca D	\$76
Carbon, Dissolved Organic	A9	415.3	\$76
	C2	5310B	\$39
		5310C	\$39
		5310D	\$39
Carbon, Total Organic	A9	415.3	\$76
	C2	5310B	\$39
		5310C	\$39
		5310D	\$39
Chloride	A2	300	\$26
	C2	4500-Cl B	\$39
		4500-Cl D	\$39
		4110B	\$26
Chloramine	C2	4500-Cl D	\$39
		4500-Cl F	\$39
		4500-Cl G	\$76
Chlorine	C2	4500-Cl D	\$39
		4500-Cl E	\$39
		4500-Cl F	\$39
		4500-Cl G	\$39
		4500-Cl H	\$39
		4500-Cl I	\$39
	C1	Hach 8168	\$39
		Hach 8167	\$39
		Hach 8370	\$39
		Hach 8021	\$39
Chlorine Dioxide	A8	327	\$76
	C2	4500-ClO <sub>2</sub> C	\$39
		4500-ClO <sub>2</sub> D	\$76
		4500-ClO <sub>2</sub> E	\$39
Chlorite	A2	300	\$26
	A6	317	\$76
	A7	326	\$76
	A8	327	\$76
	Z	300.1	\$26
Color	C2	2120B	\$32
Corrosivity	C2	2330B	\$39
Cyanide	A2	335.4	\$76
	C2	4500-CN B	\$7
		4500-CN C	\$13
		4500-CN E	\$76
		4500-CN F	\$76
Z9	QuikChem 10-204-00-1-X	\$76	
Cyanide, Amenable	C2	4500-CN G	\$76
Fluoride	A2	300	\$26

	A3	380-75WE	\$39
	C2	4500-F B	\$39
		4500-F C	\$26
		4500-F D	\$39
		4500-F E	\$39
		4110B	\$26
	C1	Hach 8029	\$39
Hardness	A1	200.7, Sum of Ca and Mg as their carbonates	\$10
	C2	2340 B, Sum of Ca and Mg as their carbonates	\$10
		2340 C	\$39
Magnesium	A1	200.7	\$10
	C	3111B	\$26
Methylene Blue Active Substances	C2	5540 C	\$39
Nitrate	A2	353.2	\$76
		300	\$26
	C2	4500-NO <sub>3</sub> D	\$39
		4500-NO <sub>3</sub> E	\$76
		4500-NO <sub>3</sub> F	\$76
	4110B	\$26	
Nitrite	A2	353.2	\$76
		300	\$26
	C2	4500-NO <sub>2</sub> B	\$76
		4500-NO <sub>3</sub> E	\$76
		4500-NO <sub>3</sub> F	\$76
	4110B	\$26	
Odor	C2	2150B	\$32
Orthophosphate	A2	365.1	\$76
		300	\$26
	C2	4500-P E	\$76
		4500-P F	\$76
	4110B	\$26	
Ozone	C	4500-O <sub>3</sub> B	\$39
Perchlorate	Z	314	\$76
		314.1	\$76
		331	\$152
		332	\$152
pH (Hydrogen Ion)	A	150.1	\$39
		150.2	\$39
	C2	4500-H B	\$39
	C1	Hach 8156	\$39
Residue, Filterable (TDS)	C2	2540 C	\$39
Sediment Concentration	Z6	D 3977-979	\$13
Silica	A1	200.7	\$10
	C2	4500-Si C	\$76

		4500-Si D	\$76
		4500-Si E	\$76
Sodium	A1	200.7	\$10
	C	3111B	\$26
Specific Conductance	C2	2510B	\$39
	C1	Hach 8160	\$39
Sulfate	A2	300	\$26
		375.2	\$76
	C2	4500-SO <sub>4</sub> C	\$76
		4500-SO <sub>4</sub> D	\$76
		4500-SO <sub>4</sub> E	\$76
		4500-SO <sub>4</sub> F	\$76
		4110B	\$26
Temperature, Degrees Celsius	C2	2550	\$13
Turbidity, Nephelometric (NTU)	A2	180.1	\$39
	C2	2130B	\$39
UV-Absorbing Organic Constituents	C2	5910B	\$76

### 3. Metals in Drinking Water

#### a. Sample Preparation for Metals in Drinking Water

Description	Reference	Method/s	Fee Per Method
Acid Extractable Metals	C	3030C	\$7
Microwave Assisted Digestion	C	3030K	\$7
Nitric Acid	C	3030E	\$7
Nitric Acid/Hydrochloric Acid	C	3030F	\$7
Nitric Acid/Perchloric Acid	C	3030H	\$7
Nitric Acid/Perchloric Acid/Hydrofluoric Acid	C	3030I	\$7
Nitric Acid/Sulfuric Acid	C	3030G	\$7
Preliminary Filtration	C	3030B	\$7

#### b. Methods to Analyze Metals in Drinking Water

Description	Reference	Method/s	Fee Per Method
Aluminum	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111D	\$26
		3113B	\$26
Antimony	A1	200.8	\$26
		200.9	\$26
	C	3113B	\$26
Arsenic	A1	200.8	\$26
		200.9	\$26
	C	3113B	\$26
		3114B	\$76

Barium	A1	200.7	\$10
		200.8	\$26
	C	3111D	\$26
		3113B	\$26
Beryllium	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3113B	\$26
Cadmium	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3113B	\$26
Chromium, Total	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3113B	\$26
Copper	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Iron	A1	200.7	\$10
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Lead	A1	200.8	\$26
		200.9	\$26
	C	3113B	\$26
Manganese	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Mercury	A	245.2	\$52
	A1	245.1	\$52
		200.8	\$26
	C	3112B	\$52
Nickel	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Selenium	A1	200.8	\$26
		200.9	\$26
	C	3113B	\$26
		3114B	\$76
Silver	A1	200.7	\$10

		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Strontium	A1	200.7	\$10
	C	3500-Sr B	\$26
		3500-Sr C	\$20
		3500-Sr D	\$26
Thallium	A1	200.8	\$26
		200.9	\$26
Uranium	A1	200.8	\$26
Zinc	A1	200.7	\$10
		200.8	\$26
	C	3111B	\$26

#### 4. Organic Chemistry of Drinking Water

##### a. Methods to Comply with National Primary Drinking Water Regulations

Description	Reference	Method/s	Fee Per Method
Disinfectant Byproducts, Solvents and Pesticides: Alachlor Atrazine Dibromochloropropane Endrin Ethylene dibromide Heptachlor Heptachlorepoxyde Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Simazine 1,1,2-Trichloroethane Trichloroethylene 1,1,1-Trichloroethane Tetrachloroethylene Carbontetrachloride Chloroform Bromodichloromethane Dibromochloromethane Bromoform Total Trihalomethanes	D3	551.1 (1.0)	\$116
VOCs by GC: Benzene Carbon Tetrachloride (mono) Chlorobenzene o-Dichlorobenzene para-Dichlorobenzene 1,2-Dichloroethane	D3	502.2 (2.1)	\$152

cis-1,2-Dichloroethylene Trans-1,2-Dichloroethylene Dichloromethane 1,2-Dichloropropane Ethylbenzene Styrene Tetrachloroethylene 1,1,1-Trichloroethane Trichloroethylene Toluene 1,2,4-Trichlorobenzene 1,1-Dichloroethylene 1,1,2-Trichloroethane Vinyl chloride Xylenes, Total Chloroform Bromodichloromethane Dibromochloromethane Bromoform Total Trihalomethanes			
VOCs by GC-MS: Benzene Carbon Tetrachloride (mono) Chlorobenzene o-Dichlorobenzene para-Dichlorobenzene 1,2-Dichloroethane cis-1,2-Dichloroethylene Trans-1,2-Dichloroethylene Dichloromethane 1,2-Dichloropropane Ethylbenzene Styrene Tetrachloroethylene 1,1,1-Trichloroethane Trichloroethylene Toluene 1,2,4-Trichlorobenzene 1,1 Dichloroethylene 1,1,2-Trichloroethane Vinyl Chloride Xylenes, Total Chloroform Bromodichloromethane Dibromochloromethane Bromoform Total Trihalomethanes	D3	524.2 (4.1)	\$152
EDB/DBCP	D3	504.1 (1.1)	\$116

Pesticides and PCBs by GC (Microextraction): Alachlor Atrazine Chlorodane Endrin Heptachlor Heptachlor Epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Simazine Toxaphene	D3	505 (2.1)	\$152
Phthalate and Adipate Esters by GC- PID: Di (2-ethylhexyl)adipate Di (2-ethylhexyl)phthalate	D3	506 (1.1)	\$116
Pesticides by GC-NPD Atrazine Alachlor Simazine	D3	507 (2.1)	\$116
Chlorinated Pesticides by GC-ECD:  Chlordane Endrin Heptachlor Heptachlor Epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Toxaphene	D3	508 (3.1)	\$152

Chlorinated Pesticides, Herbicides, Organohalides by GC-ECD:  Alachlor Atrazine Chlorodane Endrin Heptachlor Heptachlor Epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Simazine Toxaphene	D3	508.1(2.0)	\$152
Organics by GC-MS: Alachlor Atrazine Benzo(a)pyrene Chlorodane Di (2-ethylhexyl)adipate Di (2-ethylhexyl)phthalate Endrin Heptachlor Heptachlor Epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Aroclor 1016 Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254 Aroclor 1260 Pentachlorophenol Simazine Toxaphene	D3	525.2 (2.0)	\$152
Carbamates by HPLC/Post Column:  Carbofuran	D3	531.1 (3.1)	\$116

Oxamyl	D7	531.2	\$116
Chlorinated Acids and Dalapon by GC-ECD: 2,4-D Dalapon Dinoseb Pentachlorophenol Picloram Silvex (2,4,5-TP)	D	515.1 (4.0)	\$116
	D6	515.3 (1.0)	\$116
	D8	515.4 (1.0)	\$116
Chlorinated Acids By GC-ECD 2,4-D Dinoseb Pentachlorophenol Picloram Silvex (2,4,5-TP)	D3	515.2 (1.1)	\$116
PAHs By HPLC/UV/FL: Benzo(a)pyrene	D1	550	\$116
		550.1	\$116
Haloacetic Acids and Dalapon by GC-ECD: Dalapon Monochloroacetic Acid Dichloroacetic Acid Trichloroacetic Acid Monobromoacetic Acid Dibromoacetic Acid HAA5	D2	552.1 (1.0)	\$116
	D3	552.2 (1.0)	\$116
Haloacetic Acids: Monochloroacetic Acid Dichloroacetic Acid Trichloroacetic Acid Monobromoacetic Acid Dibromoacetic Acid HAA5	D13	552.3	\$116
Disinfection Byproducts by Micro Liquid-Liquid Extraction/GC-ECD	C2	6251B	\$116
Chlorinated Acids By HPLC/PDA/UV: 2,4-D Dinoseb Pentachlorophenol Picloram Silvex (2,4,5-TP)	D2	555 (1.0)	\$116
Dioxin	E	1613	\$258
Diquat	D5	549.2 (1.0)	\$116
Endothall	D2	548.1 (1.0)	\$116
Glyphosate	D1	547	\$116
PCBs (as decachlorobiphenyl )	D	508A (1.0)	\$152

<b>b. Additional Methods and Compounds Required by Other Programs</b>			
<b>Description</b>	<b>Reference</b>	<b>Method/s</b>	<b>Fee Per Method</b>
Disinfectant Byproducts, Solvents and Pesticides	D3	551.1 (1.0)	\$26
VOCs by GC	D3	502.2 (2.1)	\$26
VOCs by GC-MS	D3	524.2 (4.1)	\$26
EDB/DBCP	D3	504.1 (1.1)	\$26
Pesticides and PCBs by GC (Microextraction)	D3	505 (2.1)	\$26
Phthalate and Adipate Esters by GC-PID	D3	506 (1.1)	\$26
Pesticides by GC-NPD	D3	507 (2.1)	\$26
Chlorinated Pesticides by GC-ECD	D3	508 (3.1)	\$26
Chlorinated Pesticides, Herbicides, Organohalides by GC-ECD	D3	508.1(2.0)	\$26
Organics by GC-MS	D3	525.2 (2.0)	\$26
Carbamates by HPLC/Post Column	D3	531.1 (3.1)	\$26
	D7	531.2	\$26
Chlorinated Acids and Dalapon by GC-ECD	D	515.1 (4.0)	\$26
	D6	515.3 (1.0)	\$26
	D8	515.4 (1.0)	\$26
Chlorinated Acids By GC-ECD	D3	515.2 (1.1)	\$26
PAHs By HPLC/UV/FL	D1	550	\$26
		550.1	\$26
Haloacetic Acids and Dalapon by GC-ECD	D2	552.1 (1.0)	\$26
	D3	552.2 (1.0)	\$26
Chlorinated Acids By HPLC/PDA/UV	D2	555 (1.0)	\$26
Dioxins and Furans	E	1613	\$65
Diquat and Paraquat	D5	549.2 (1.0)	\$26
Benzidines and Nitrogen Compounds	D2	553 (1.1)	\$116
Carbonyl Compounds	D2	554 (1.0)	\$116
Phenols	Z	528	\$152
Phenylurea Compounds	Z	532	\$116
Selected Semivolatiles	Z	526	\$152

Pesticides and Flame Retardants by GCMS	D9	527	\$152
Explosives and Related Compounds	D10	529	\$152
Acetanilide Degradation Products	D11	535 (1.1)	\$194
Acetanilide Parent Compound	D3	525.2 (2.0)	\$26
Nitrosamines by MS/MS	D12	521	\$194
<b>5. Radiochemistry of Drinking Water</b>			
<b>Description</b>	<b>Reference</b>	<b>Method/s</b>	<b>Fee Per Method</b>
Cesium	B	Cesium-134	\$206
	C2	7500-Cs B	\$206
		7120	\$206
	J1	R-1110-76	\$206
		R-1111-76	\$206
	L	901	\$206
		901.1	\$206
	U	4.5.2.3	\$206
W	Gamma Spectra	\$206	
Gamma Emitting Isotopes	C2	7500-Cs B	\$206
		7500-I B	\$206
		7120	\$206
	L	901.1	\$206
		901	\$206
		902	\$206
	W	Gamma Spectra	\$206
Gross Alpha	B	Gross Alpha	\$206
	C2	7110B	\$206
		7110C	\$206
	J1	R-1120-76	\$206
	L	900	\$206
	V	00-01	\$206
		00-02	\$206
	W	Gross Alpha	\$206
Gross Beta	B	Gross Beta	\$206
	C2	7110B	\$206
	J1	R-1120-76	\$206
	L	900	\$206
	V	00-01	\$206
	W	Gross Beta	\$206
Iodine	B	Precipitation Method, Distillation Method	\$206
	C2	7500-I B	\$206
		7500-I C	\$206
		7500-I D	\$206
		7120	\$206
	L	902	\$206
901.1		\$206	

	U	4.5.2.3	\$206
	W	Gamma Spectra	\$206
Radium 226	B	Radon Emanation, Precipitation Method	\$206
	C2	7500-Ra B	\$206
		7500-Ra C	\$206
	J1	R-1140-76	\$206
		R-1141-76	\$206
	L	903	\$206
		903.1	\$206
	U	Ra-05	\$206
	V	Ra-03	\$206
		Ra-04	\$206
W	Radium 226	\$206	
Radium 228	B	Radium 228	\$206
	C2	7500-Ra D	\$206
	J1	R-1142-76	\$206
	L	904	\$206
	V	Ra-05	\$206
	W	Radium 228	\$206
Strontium	B	Strontium	\$206
	C2	7500-Sr B	\$206
	J1	R-1160-76	\$206
	L	905	\$206
	U	Sr-01	\$206
		Sr-02	\$206
	V	Sr-04	\$206
	W	Strontium	\$206
Tritium	B	Tritium	\$206
	C2	7500- <sup>3</sup> H B	\$206
	J1	R-1171-76	\$206
	L	906	\$206
	V	H-02	\$206
	W	Tritium	\$206
Uranium	C2	7500-U B	\$206
	I	D5174-91	\$206
	J1	R-1180-76	\$206
		R-1181-76	\$206
		R-1182-76	\$206
	L	908	\$206
		908.1	\$206
	U	U-02	\$206
		U-04	\$206
	V	00-07	\$206
W	Uranium	\$206	

**SECTION B. WASTEWATER PARAMETERS**

**1. Microbiology of Wastewater**

Description	Reference	Method/s	Fee Per Method
<i>Ascaris lumbricoides</i>	C2	10550	\$228
	P3	UofA2000	\$228
Coliforms, Fecal, by Membrane Filter	C2	9222D	\$228
Coliforms, Fecal, by Multiple Tube Fermentation (may be used for sludge)	C2	9221E	\$228
Coliforms, Total, by Membrane Filter	C2	9222B	\$228
Coliforms, Total, by Multiple Tube Fermentation	C2	9221B	\$228
<i>Entamoeba histolytica</i>	C2	10550	\$228
	C	9711C	\$228
Enteric viruses	I	D4994-89	\$381
<i>Escherichia coli</i> by Colilert MPN	C2	9223B	\$152
<i>Escherichia coli</i> ( Not for NPDES) in conjunction with SM 9221B and 9221C	C2	9221F	\$152
<i>Giardia</i> and <i>Cryptosporidium</i>	C2	9711B	\$381
	P2	600/R-95/178	\$381
<i>Helminth Ova</i> in sludge	Z5	600/1-87-014	\$381
<i>Salmonella</i> in sludge	C2	9260D	\$228
Streptococcus, Fecal, by Membrane Filter	C2	9230C	\$194
Streptococcus, Fecal, by Multiple Tube Fermentation	C2	9230B	\$194
Tapeworm, Common	C2	10550	\$228
Viruses	C2	9510	\$381
	P	Methods for Virology	\$381
	P2	600/R-95/178	\$381

## 2. Wastewater Inorganic Chemistry, Nutrients and Demand

Description	Reference	Method/s	Fee Per Method
Acidity	C2	2310B	\$39
	C1	Hach 8010	\$39
Alkalinity, Total	A	310.2	\$19
	C2	2320B	\$19
Ammonia	A2	350.1	\$39
	C2	4500-NH <sub>3</sub> B	\$39
		4500-NH <sub>3</sub> C	\$39
		4500-NH <sub>3</sub> D	\$39

		4500-NH <sub>3</sub> E	\$39
		4500-NH <sub>3</sub> G	\$39
	C1	Hach 8038	\$39
Biochemical Oxygen Demand	C2	5210B	\$152
	C1	Hach 8043	\$152
Boron	A1	200.7	\$10
	C2	4500-B B	\$76
Bromide	A2	300	\$26
Calcium	A1	200.7	\$10
	C	3111B	\$26
		3500-Ca D	\$39
	C1	Hach 8222	\$39
Carbon, Total Organic (TOC)	C2	5310 B	\$39
		5310 C	\$39
		5310D	\$39
Chemical Oxygen Demand	A	410.3	\$39
	A2	410.4	\$76
	C2	5220 C	\$39
		5220 D	\$76
	C1	Hach 8000	\$39
		Hach 8230	\$39
Chloride	A2	300	\$26
	C2	4500-Cl B	\$39
		4500-Cl C	\$39
		4500-Cl E	\$39
	C1	Hach 8225	\$39
Chlorine, Free	C1	Hach 8021	\$39
Chlorine, Total Residual	C2	4500-Cl B	\$39
		4500-Cl C	\$39
		4500-Cl D	\$39
		4500-Cl F	\$39
		4500-Cl G	\$39
	C1	Hach 8167	\$39
		Hach 8168	\$39
		Hach 10014	\$39
Color	C2	2120 B	\$32
		2120 C	\$32
		2120 E	\$32
Cyanide, Amenable to Chlorination	C2	4500-CN G	\$76
Cyanide, Available	Y	OIA-1677	\$76
Cyanide, Total	C2	4500-CN C and either (a) 4500-CN D, or (b) 4500-CN E	\$89

Fluoride	A2	300	\$26
	C2	4500-F B	\$39
		4500-F D	\$39
		4500-F E	\$39
C1	Hach 8029	\$39	
Hardness	A	130.1	\$10
	A1	200.7	\$10
	C2	2340B	\$39
		2340C	\$39
	C1	Hach 8226	\$39
Kjeldahl, Total Nitrogen	A	351.1	\$76
	A2	351.2	\$76
	C2	Combination of 4500-NH <sub>3</sub> B and either (a) 4500-N <sub>org</sub> B or (b) 4500-N <sub>org</sub> C	\$115
		4500-NH <sub>3</sub> C	\$39
	Z10	PAI-DK01	\$76
	Z11	PAI-DK02	\$76
	Z12	PAI-DK03	\$76
Methylene Blue Active Substances	C2	5540C	\$39
Nitrate (as N)	A	352.1	\$76
	A2	300	\$26
Nitrate-Nitrite (as N)	A2	300	\$26
		353.2	\$76
	C2	4500-NO <sub>3</sub> E	\$76
		4500-NO <sub>3</sub> F	\$76
4500-NO <sub>3</sub> H		\$76	
Nitrite (as N)	A2	300	\$26
	C2	4500-NO <sub>2</sub> B	\$76
	C1	Hach 8507	\$76
Oil and Grease and Total Petroleum Hydrocarbons	C2	5520B	\$76
	K1	1664A	\$76
Orthophosphate	A	365.3	\$76
	A2	300	\$26
		365.1	\$76
	C2	4500-P E	\$76
		4500-P F	\$76
	C1	Hach 8048	\$39
Oxygen-consumption Rate (SOUR)	C2	2710B	\$39
Oxygen, Dissolved	C2	4500-O C	\$26

		4500-O G	\$26
	C1	Hach 8229	\$26
pH (Hydrogen Ion)	C2	4500-H B	\$39
	C1	Hach 8156	\$39
Phenols	A	420.1	\$116
	C1	Hach 8047	\$116
Phosphorus, Total	A	365.3	\$76
		365.4	\$76
	A2	365.1	\$76
	C2	4500-P B	\$76
		4500-P E	\$76
		4500-P F	\$76
	C1	Hach 8190	\$76
Potassium	A1	200.7	\$10
	C	3111B	\$26
		3500-K D	\$26
Residue, Filterable (TDS)	C2	2540C	\$39
Residue, Nonfilterable (TSS)	C2	2540D	\$39
	C1	Hach 8158	\$39
Residue, Settable Solids	C2	2540F	\$39
Residue, Total	C2	2540B	\$39
Residue, Volatile	A	160.4	\$39
Silica, Dissolved	A1	200.7	\$10
	C	4500-Si D	\$76
	C2	4500-SiO <sub>2</sub> C	\$76
Sodium	A1	200.7	\$10
	C	3111B	\$26
Sodium Azide	C2	4110C	\$76
Specific Conductance	A	120.1	\$39
	C2	2510B	\$39
	C1	Hach 8160	\$39
Sulfate	A	375.1	\$76
	A2	300	\$26
	C2	4500-SO <sub>4</sub> C	\$76
		4500-SO <sub>4</sub> D	\$76
	C1	Hach 8051	\$39
Sulfide (includes total and soluble)	C2	4500-S D	\$76
		4500-S F	\$39
	C1	Hach 8131	\$39
Sulfite	C2	4500-SO <sub>3</sub> B	\$76
	C1	Hach 8071	\$39
Temperature, Degrees Celsius	C2	2550B	\$13
Total, Fixed and Volatile Solids in Solid and Semisolid Samples in Sludge	C2	2540G	\$39

Turbidity, NTU	A2	180.1	\$39
	C2	2130B	\$39
<b>3. Metals in Wastewater</b>			
<b>a. Sample Preparation for Metals in Wastewater</b>			
<b>Description</b>	<b>Reference</b>	<b>Method/s</b>	<b>Fee Per Method</b>
Acid Extractable Metals	C	3030C	\$7
Microwave Digestion	Z7	CEM Microwave Digestion	\$7
Nitric Acid	C	3030E	\$7
Nitric Acid/Hydrochloric Acid	C	3030F	\$7
Nitric Acid/Perchloric Acid	C	3030H	\$7
Nitric Acid/Perchloric Acid/Hydrofluoric Acid	C	3030I	\$7
Nitric Acid/Sulfuric Acid	C	3030G	\$7
Preliminary Filtration	C	3030B	\$7
<b>b. Methods to Analyze Metals in Wastewater</b>			
<b>Description</b>	<b>Reference</b>	<b>Method/s</b>	<b>Fee Per Method</b>
Aluminum	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3113B	\$26
		3111D	\$26
Antimony	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Arsenic	A	206.5	\$39
	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3113B	\$26
		3500-As C	\$76
	C1	Hach 8013	\$39
Barium	A1	200.7	\$10
		200.8	\$26
	C	3111D	\$26
		3113B	\$26
Beryllium	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111D	\$26
		3113B	\$26
		3500-Be D	\$76
Cadmium	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26

		3111C	\$26	
		3113B	\$26	
		3500-Cd D	\$76	
Chromium (VI) Hexavalent	C	3500-Cr D	\$39	
		3111C	\$26	
	C1	Hach 8023	\$39	
Chromium, Total	A1	200.7	\$10	
		200.8	\$26	
		200.9	\$26	
	C	3111B	\$26	
		3111C	\$26	
		3113B	\$26	
		3500-Cr D	\$76	
	C1	Hach 8023	\$39	
Cobalt	A1	200.7	\$10	
		200.8	\$26	
		200.9	\$26	
	C	3111B	\$26	
		3111C	\$26	
		3113B	\$26	
	Copper	A1	200.7	\$10
			200.8	\$26
200.9			\$26	
C		3111B	\$26	
		3111C	\$26	
		3113B	\$26	
		3500-Cu D	\$76	
C1		Hach 8506	\$39	
Gold	A	231.2	\$26	
	C	3111B	\$26	
Iridium	A	235.2	\$26	
	C	3111B	\$26	
Iron	A1	200.7	\$10	
		200.9	\$26	
	C	3111B	\$26	
		3111C	\$26	
		3113B	\$26	
		3500-Fe D	\$76	
	C1	Hach 8008	\$39	
	Lead	A1	200.7	\$10
200.8			\$26	
200.9			\$26	
C		3111B	\$26	
		3111C	\$26	
		3113B	\$26	
		3500-Pb D	\$76	
C1		Hach 8033	\$39	

Lithium	A1	200.7	\$10
Magnesium	A1	200.7	\$10
	C	3111B	\$26
		3500-Mg D	\$76
Manganese	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
		3500-Mn D	\$76
	C1	Hach 8034	\$39
Mercury	A	245.2	\$52
	A1	245.1	\$52
	A4	1631E	\$152
	C	3112B	\$52
Molybdenum	A1	200.7	\$10
		200.8	\$26
	C	3111D	\$26
		3113B	\$26
Nickel	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3111C	\$26
		3113B	\$26
C1	Hach 8037	\$39	
Osmium	A	252.2	\$26
	C	3111D	\$26
Palladium	A	253.2	\$26
	C	3111B	\$26
Platinum	A	255.2	\$26
	C	3111B	\$26
Rhodium	A	265.2	\$26
	C	3111B	\$26
Ruthenium	A	267.2	\$26
	C	3111B	\$26
Selenium	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3113B	\$26
		3114B	\$76
Silver	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
		3111C	\$26
3113B		\$26	

Strontium	A1	200.7	\$10
	C	3111B	\$26
		3500-Sr B	\$26
		3500-Sr C	\$20
		3500-Sr D	\$26
Thallium	A	279.2	\$26
	A1	200.7	\$10
		200.8	\$26
		200.9	\$26
	C	3111B	\$26
Tin	A1	200.7	\$10
		200.9	\$26
	C	3111B	\$26
		3113B	\$26
Titanium	A	283.2	\$26
	C	3111D	\$26
Vanadium	A1	200.7	\$10
		200.8	\$26
	C	3111D	\$26
		3500-V D	\$76
Zinc	A	289.2	\$26
	A1	200.7	\$10
		200.8	\$26
	C	3111B	\$26
		3111C	\$26
		3500-Zn E	\$76
		3500-Zn F	\$76
C1	Hach 8009	\$39	

#### 4. Aquatic Toxicity Bioassay of Wastewater

Description	Reference	Method/s	Fee Per Method
Toxicity, Acute	M1	EPA/600/4-90/027F	\$194
	Z13	821-R-02-012	\$194
Toxicity, Chronic	N1	EPA/600/4-91/002	\$194
	Z3	821-R-02-013	\$194

#### 5. Organic Chemicals of Wastewater

Description	Reference	Method/s	Fee Per Method
Volatile Organics for Pharmaceuticals	D3	524.2 (4.1)	\$152
Purgeable Hydrocarbons	E	601	\$76
Purgeable Aromatics	E	602	\$76
Acrolein and Acrylonitrile	E	603	\$76
		624 (Approved for screening only, not for quantification)	\$152
		1624B	\$152
Phenols	E	604	\$116
Phthalate ester	E	606	\$116

Nitrosamines	E		607	\$116
Organochlorine Pesticides and PCBs	E		608	\$152
Nitroaromatics and Isophorone	E		609	\$116
PAHs	E		610	\$116
Haloethers	E		611	\$116
Chlorinated Hydrocarbons (does not include dichlorobenzenes)	E		612	\$116
2, 3, 7, 8-Tetrachlorodibenzo-p-Dioxin	E		613	\$457
Carbon-, Hydrogen-, and Oxygen-Containing Pesticides	Z2		616	\$116
Purgeables	E		624	\$152
Base/Neutrals and Acids (all analytes excluding pesticides and does not include dichlorobenzenes)	E		625	\$152
Base/Neutrals and Acids (pesticides only and does not include dichlorobenzenes)	E		625	\$152
Tetra- through Octa-Chlorinated Dioxins and Furans	E	1613B		\$258
VOCs by Isotope Dilution GC/MS	E	1624B		\$152
Semivolatile Organic Compounds by Isotope Dilution GC/MS	E	1625B		\$152
Organophosphorus Pesticides	E		1657	\$116
VOCs Specific to the Pharmaceutical Manufacturing Industry by Isotope Dilution GC/MS	K2	1666 (A)		\$152
Herbicides	C2	6640B		\$116
Ethylene Glycol	K	BLS-188		\$152

## 6. Radiochemistry of Wastewater

Description	Reference	Method/s	Fee Per Method
Gross Alpha	C2	7110B	\$206
	L		900 \$206
Gross Beta	C2	7110B	\$206
	L		900 \$206
Radium, Total	C2	7500-Ra B	\$206
	L		903 \$206
Radium 226	C2	7500-Ra C	\$206
	L		903.1 \$206

## SECTION C. SOLID WASTE PARAMETERS

### 1. Microbiology of Solid Waste

Description	Reference	Method/s	Fee Per Method
Coliforms, Total, by Membrane Filter	F		9132 \$228

Coliforms, Total, by Multiple Tube Fermentation	F	9131	\$228
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**2. Physical Properties Testing of Solid Waste**

Description	Reference	Method/s	Fee Per Method
Corrosive to Steel	F	1110A	\$63
Corrosivity—pH Determination	F	9040C	\$63
EP Toxicity	F	1310B	\$76
Ignitability (Flashpoint Determination)	F	1010A	\$32
		1020B	\$32
Paint Filter Liquids Test	F	9095B	\$19
TCLP	F	1311	\$303

**3. Sample Preparation for Metals in Solid Waste**

Description	Reference	Method/s	Fee Per Method
Dissolved in Water	F	3005A	\$7
Microwave Assisted Digestions	F	3015A	\$7
		3051	\$7
		3052	\$7
Oils, Greases, and Waxes	F	3040A	\$7
		3031	\$7
Sediments, Sludges, and Soils	F	3050B	\$7
Total Metals	F	3010A	\$7
		3020A	\$7
Total Recoverable in Water	F	3005A	\$7

**4. Inorganic Chemistry and Metals of Solid Waste**

Description	Reference	Method/s	Fee Per Method
Aluminum	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
Ammonia	A	350.3	\$39
Antimony	F	6010B	\$10
		6020	\$26
		7062	\$76
	F11	7000B	\$26
	F12	7010	\$26
Arsenic	F	6010B	\$10
		7061A	\$76
		7062	\$76
		7063	\$76
		6020	\$26
		F12	7010

Barium	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Beryllium	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Bomb Preparation Method for Solid Waste	F	5050	\$7
Boron	F	6010B	\$10
Bromide	F	9056	\$26
		9211	\$39
Cadmium	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Calcium	F	6010B	\$10
	F11	7000B	\$26
Cation-Exchange Capacity of Soils	F	9080	\$34
		9081	\$34
Chloride	F	9056	\$26
		9057	\$76
		9212	\$39
		9250	\$76
		9251	\$76
		9253	\$39
Chlorine, Total, in New and Used Petroleum Products	F	9075	\$76
		9076	\$39
		9077	\$39
Chromium, Hexavalent	F	7195	\$26
		7196A	\$76
		7197	\$26
		7198	\$40
		7199	\$76
Chromium, Total	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Cobalt	F	6010B	\$10
		6020	\$26

	F11	7000B	\$26
	F12	7010	\$26
Compatability Test for Wastes and Membranes Liners	F	9090A	\$152
Copper	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Cyanide	F	9010C	\$13
		9012B	\$76
		9213	\$76
		9014	\$76
	F9	9015	\$76
Cyanide Extraction for Solids and Oils	F10	9013A	\$39
Dermal Corrosion	F	1120	\$63
EP for Oily Wastes	F	1330A	\$76
Flashpoint Determination	F	1030	\$32
Fluoride	F	9056	\$26
		9214	\$39
Iron	F	6010B	\$10
	F11	7000B	\$26
	F12	7010	\$26
Kjeldahl Total, Nitrogen	A	351.4	\$76
Lead	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Liquid Release Test Procedure	F	9096	\$39
Lithium	F	6010B	\$10
	F11	7000B	\$26
Magnesium	F	6010B	\$10
	F11	7000B	\$26
Manganese	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Mercury	F	7470A	\$52
		7471A	\$52
		7472	\$152
Molybdenum	F	6010B	\$10
	F11	7000B	\$26
	F12	7010	\$26
Multiple EP	F	1320	\$152
Nickel	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26

	F12	7010	\$26
Nitrate	F	9210	\$39
		9056	\$26
Nitrite	F	9056	\$26
Oil and Grease and Petroleum Hydrocarbons	K1	1664A	\$76
O-Phosphate-P	F	9056	\$26
Osmium	F	6010B	\$10
	F11	7000B	\$26
Paint Filter Liquids Test	F	9095B	\$19
Perchlorate	Z	314	\$76
pH (Hydrogen Ion)	F	9041A	\$39
		9045D	\$39
Phosphorus	F	6010B	\$10
Phosphorus, Total	A	365.3	\$76
Potassium	F	6010B	\$10
	F11	7000B	\$26
Saturated Hydraulic and Leachate Conductivity and Intrinsic Permeability	F	9100	\$152
Selenium	F	6010B	\$10
		7741A	\$26
		7742	\$76
	F12	7010	\$26
Silica	F	6010B	\$10
Silver	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26
Sodium	F	6010B	\$10
	F11	7000B	\$26
Sodium Azide	C2	4110C	\$76
Specific Conductance	F	9050A	\$39
SPLP	F	1312	\$303
Strontium	F	6010B	\$10
	F11	7000B	\$26
Sulfate	F	9035	\$76
		9036	\$76
		9038	\$76
		9056	\$26
Sulfides	F	9030B	\$76
		9031	\$76
		9215	\$76
		9034	\$76
Thallium	F	6010B	\$10
		6020	\$26

	F11	7000B	\$26
	F12	7010	\$26
Tin	F	6010B	\$10
	F11	7000B	\$26
Titanium	F	6010B	\$10
Vanadium	F	6010B	\$10
	F11	7000B	\$26
	F12	7010	\$26
White Phosphorus by GC	F	7580	\$116
Zinc	F	6010B	\$10
		6020	\$26
	F11	7000B	\$26
	F12	7010	\$26

<b>5. Organics Procedures in Solid Waste</b>			
<b>Description</b>	<b>Reference</b>	<b>Method/s</b>	<b>Fee Per Method</b>
Separatory Funnel Liquid-Liquid Extraction	F	3510C	\$13
Organic Compounds in Water by Microextraction	F5	3511	\$13
Continuous Liquid-Liquid Extraction	F	3520C	\$13
SPE	F	3535	\$13
Soxhlet Extraction	F	3540C	\$13
Automated Soxhlet Extraction	F	3541	\$13
Pressurized Fluid Extraction	F	3545	\$13
Ultrasonic Extraction	F	3550B	\$13
Supercritical Fluid Extraction of Total Recoverable Petroleum Hydrocarbons	F	3560	\$13
Supercritical Fluid Extraction of PAHs	F	3561	\$13
MSE	F4	3570	\$13
Waste Dilution	F	3580A	\$13
Waste Dilution for Volatile Organics	F	3585	\$13
Alumina Cleanup	F	3610B	\$13
Alumina Column Cleanup and Separation of Petroleum Wastes	F	3611B	\$13
Florisil Cleanup	F	3620B	\$13
Silica Gel Cleanup	F	3630C	\$13
Gel-Permeation Cleanup	F	3640A	\$13
Acid-Base Partition Cleanup	F	3650B	\$13
Sulfur Cleanup	F	3660B	\$13
Sulfuric Acid/Permanganate Cleanup	F	3665A	\$13
Screening for Pentachlorophenol by Immunoassay	F	4010A	\$76

Screening for 2,4-Dichlorophenoxyacetic Acid by Immunoassay	F		4015	\$76
Screening for PCBs by Immunoassay	F		4020	\$76
Screening for PCDDs and PCDFs by Immunoassay	F3		4025	\$76
Soil Screening for Petroleum Hydrocarbons by Immunoassay	F		4030	\$76
Soil Screening for PAHs by Immunoassay	F		4035	\$76
Soil Screening for Toxaphene by Immunoassay	F		4040	\$76
Soil Screening for Chlordane by Immunoassay	F		4041	\$76
Soil Screening for DDT by Immunoassay	F		4042	\$76
TNT Explosives in Soil by Immunoassay	F		4050	\$76
RDX in Soil by Immunoassay	F		4051	\$76
VOCs in Various Sample Matrices Using Equilibrium Headspace Analysis	F8	5021A		\$13
Purge-and-Trap for Aqueous Samples	F6	5030C		\$13
Volatile, Nonpurgeable, Water-Soluble Compounds by Azeotropic Distillation	F		5031	\$13
VOCs by Vacuum Distillation	F		5032	\$13
Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples	F2	5035A		\$13
Analysis for Desorption of Sorbent Cartridges from VOST	F	5041A		\$13
EDB and DBCP by Microextraction and GC	F		8011	\$116
C <sub>10</sub> – C <sub>32</sub> Hydrocarbons	K	8015AZ 1		\$116
Nonhalogenated Organics Using GC/FID	F7	8015D		\$116
Aromatic and Halogenated Volatiles by GC Using Photoionization and/or Electrolytic Conductivity Detectors	F	8021B		\$152
Acrylonitrile by GC	F		8031	\$76
Acrylamide by GC	F	8032A		\$76
Acetonitrile by GC with Nitrogen-Phosphorus Detection	F		8033	\$76

Phenols by GC	F	8041	\$116
Phthalate Esters by GC/ECD	F	8061A	\$116
Nitrosamines by GC	F	8070A	\$116
Organochlorine Pesticides by GC	F	8081A	\$152
PCBs by GC	F	8082	\$152
Nitroaromatics and Cyclic Ketones by GC	F	8091	\$116
PAHs	F	8100	\$116
Haloethers by GC	F	8111	\$116
Chlorinated Hydrocarbons by GC: Capillary Column Technique	F	8121	\$116
Aniline and Selected Derivatives by GC	F	8131	\$116
Organophosphorus Compounds by GC	F	8141A	\$152
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization	F	8151A	\$152
VOCs by GC/MS	F	8260B	\$152
Semivolatile Organic Compounds by GC/MS	F	8270C	\$152
Semivolatile Organic Compounds (PAHs and PCBs) in Soils/Sludges and Solid Wastes Using TE/GC/MS	F	8275A	\$152
8280A: Polychlorinated Dibenzo- <i>p</i> -Dioxins and PCDFs by HRGC/LRMS	F	8280A	\$258
PCDDs and PCDFs by HRGC/HRMS	F	8290	\$258
PAHs	F	8310	\$116
Determination of Carbonyl Compounds by HPLC	F	8315A	\$116
Acrylamide, Acrylonitrile, and Acrolein by HPLC	F	8316	\$116
<i>N</i> -Methylcarbamates by HPLC	F	8318	\$116
Solvent-Extractable Nonvolatile Compounds by HPLC/TS/MS or UV Detection	F	8321A	\$152
Solvent Extractable Nonvolatile Compounds by HPLC/PB/MS	F	8325	\$152
Nitroaromatics and Nitramines by HPLC	F	8330	\$116
Tetrazene by Reverse Phase HPLC	F	8331	\$116
Nitroglycerine by HPLC	F	8332	\$116

GC/FT-IR Spectrometry for Semivolatile Organics: Capillary Column	F		8410	\$116
Analysis of Bis (2-chloroethyl) Ether and Hydrolysis Products by Direct Aqueous Injection GC/FT-IR	F		8430	\$116
Total Recoverable Petroleum Hydrocarbons by Infrared Spectrophotometry	F		8440	\$116
Colorimetric Screening Method for TNT in Soil	F		8515	\$76
TOX	F	9020B		\$76
POX	F		9021	\$76
TOX by Neutron Activation Analysis	F		9022	\$114
EOX in Solids	F		9023	\$114
TOCs	F	9060A		\$76
Phenolics	F		9065	\$152
			9066	\$152
			9067	\$152
HEM for Aqueous Samples	F	9070A		\$76
HEM for Sludge, Sediment, and Solid Samples	F	9071B		\$76
PCBs in Waste Oil	F1	600/4-81-045		\$152

**6. Bulk Asbestos Analysis of Solid Waste**

Description	Reference	Method/s	Fee Per Method	
Bulk Asbestos Analysis	G		9002	\$228
	H	Bulk Asbestos		\$228
Fiber Counting	G		7400	\$228
			7402	\$228

**7. Radiochemistry of Solid Waste**

Description	Reference	Method/s	Fee Per Method	
Alpha-Emitting Radium Isotopes	F		9315	\$206
Gross Alpha and Beta	F		9310	\$206
Radium-228	F		9320	\$206

**SECTION D. AIR AND STACK PARAMETERS**

**1. Ambient Air Primary and Secondary Pollutants**

Description	Reference	Method/s	Fee Per Method	
Carbon Monoxide	O	Appendix C		\$393
Formaldehyde	F		8520	\$393
Hydrocarbons	O	Appendix E		\$393

Lead	O	Appendix G	\$393
Nitrogen Dioxide	O	Appendix F	\$393
Ozone	O	Appendix D	\$393
		Appendix H	\$393
Particulate Matter	O	Appendix B	\$393
		Appendix J	\$393
		Appendix K	\$393
Sulfur Oxides	O	Appendix A	\$393
<b>2. Stationary and Stack Sources</b>			
<b>Description</b>	<b>Reference</b>	<b>Method/s</b>	<b>Fee Per Method</b>
Carbon Dioxide, Oxygen, and Excess Air	Q	Method 3	\$393
Carbon Monoxide	Q	Method 10	\$393
		Method 10A	\$393
		Method 10B	\$393
Carbonyl Sulfide, Hydrogen Sulfide, and Carbon Disulfide	Q	Method 15	\$393
Fluoride	Q	Method 13A	\$393
		Method 13B	\$393
		Method 14	\$393
Fugitive Emissions	Q	Method 22	\$393
Gaseous Organic Compounds	Q	Method 18	\$393
		Method 25	\$393
		Method 25A	\$393
		Method 25B	\$393
Hydrogen Sulfide	Q	Method 11	\$393
Inorganic Lead	Q	Method 12	\$393
Moisture Content	Q	Method 4	\$393
Nitrogen Oxide	Q	Method 7	\$393
		Method 7A	\$393
		Method 7B	\$393
		Method 7C	\$393
		Method 7D	\$393
		Method 7E	\$393
		Method 19	\$393
		Method 20	\$393
Particulate Emissions by Asphalt Processing	Q	Method 5A	\$152
Particulate Emissions by Fiberglass Insulation	Q	Method 5E	\$152

Particulate Emissions by Nonsulfate	Q	Method 5F	\$152
Particulate Emissions by Nonsulfuric Acid	Q	Method 5B	\$152
Particulate Emissions by Pressure Filters	Q	Method 5D	\$152
Particulate Emissions by Stationary Sources	Q	Method 5	\$152
		Method 17	\$152
Particulate Emissions by Sulfur Dioxide	Q	Method 19	\$152
Particulate Emissions by Wood Heaters	Q	Method 5G	\$152
		Method 5H	\$152
Petroleum Products, Heat of Combustion	I	D240-92	\$76
		D240-87	\$76
Petroleum Products, Hydrometer Method	I	D287-92	\$76
Petroleum Products, Sulfur	I	D4294-90	\$152
Sulfur and Total Reduced Sulfur	Q	Method 15A	\$393
		Method 16	\$393
		Method 16A	\$393
		Method 16B	\$393
Sulfur Dioxide	Q	Method 6	\$393
		Method 6A	\$393
		Method 6B	\$393
		Method 6C	\$393
		Method 8	\$393
		Method 19	\$393
		Method 20	\$393
Sulfuric Acid Mist	Q	Method 8	\$393
Vapor Tightness, Gasoline Delivery Tank	Q	Method 27	\$393
Volatile Matter Density, Solids and Water	Q	Method 24	\$393
		Method 24A	\$393
VOCs	Q	Method 21	\$393
	S1	TO-15	\$152
Wood Heaters, Certification and Burn Rates	Q	Method 28	\$393
		Method 28A	\$393
<b>3. ADEQ Emission Test</b>			

Description	Reference	Method/s	Fee Per Method
Particulate Emissions, Dry Matter	R	Method A2	\$393
Particulate Emissions, Sulfuric Acid Mist/Sulfur Oxides	R	Method A1	\$393

**4. National Emission Standards for Hazardous Air Pollutants**

Description	Reference	Method/s	Fee Per Method
Arsenic	S	Method 108	\$393
		Method 108A	\$393
		Method 108B	\$393
		Method 108C	\$393
Beryllium	S	Method 103	\$393
		Method 104	\$393
Mercury	S	Method 101	\$393
		Method 101A	\$393
		Method 102	\$393
		Method 105	\$393
Polonium 210	S	Method 111	\$393
Vinyl Chloride	S	Method 106	\$393
		Method 107	\$393
		Method 107A	\$393

**SECTION E. METHODS APPROVED BY THE DEPARTMENT UNDER R9-14-610(C)**

Description	Reference	Method/s	Fee Per Method
Chromatographic Method	-	Any	\$116
Mass Spectrometric Method	-	Any	\$152
Toxicity Method	-	Any	\$194
Other Method	-	Any	\$75