

GENERAL CHEMISTRY

<i>Parameter</i>	<i>Matrix</i>	<i>Method</i>
Acidity	w/ww	SM 2310B
Alkalinity	w/dw/ww	SM 2320B
BOD (5-day)	w/ww	SM 5210B
-Carbonaceous	w/ww	SM 5210B
Boron	w/dw/ww	EPA 200.8
Carbon		
-Dissolved Organic	w/dw/ww	SM 5310C
-Total Organic	w/dw/ww	SM 5310C
	sw	SW846-9060
COD	w/ww	SM 5220
Chloride	w/dw/ww	SM 4500
	sw	SM 4500
Chlorine, Residual	w/dw/ww	SM 4500
Color		
-Apparent	w/dw/ww	SM 2120
-True	w/dw/ww	SM 2120
Conductivity	w/dw/ww	SM 2510B
Cyanide		
-Total	w/dw/ww	SM 4500
-Amenable	w/ww	SW846-9012
Fluoride	w/dw/ww	SM 4500
Hardness, Total	w/dw/ww	SM 2340
Hexavalent Chromium	w/dw/ww	SM 3500
Mercury	w/dw/ww	SM 3500
Metals (not Hg, Cr+6, B, Si)	w/dw/ww	SM 3500/EPA 200.8
Nitrogen		
-Ammonia	w/dw/ww	SM 4500
	sw	SM 4500
-Kjeldahl (TKN)	w/dw/ww	SM 4500
	sw	SM 4500
-Nitrite	w/dw/ww	SM 4500
-Nitrate	dw	SM 4500 / EPA 300
	ww	SM 4500
-Nitrite/Nitrate	ww	SM 4500
-Total	ww	SM 4500
	sw	SM 4500
Oil & Grease/HEM	w/ww; sw	EPA 1664
Oxygen, Dissolved	w/dw/ww	SM 4500
pH	w/dw/ww	SM 4500
	sw	SW 846-9045
Phenol	w/ww	EPA 420.2
	sw	EPA 420.2
Phosphorous		
-Orthophosphate	w/dw/ww	SM 4500
-Total	w/dw/ww	SM 4500
	sw	SM 4500

GENERAL CHEMISTRY

Parameter	Matrix	Method
Silica	w/dw/ww	SM 4500
Solids		
-Total	w/dw/ww	SM 2540
-Percent (or % moisture)	ww/sw	SM 2540
-Total Dissolved (TDS)	w/dw/ww	SM 2540
-Total Suspended (TSS)	w/ww	SM 2540
-Volatile	w/ww	SM 2540
-Total Volatile Suspended	w/ww	SM 2540
- Mixed Liquor Suspended	w/ww	SM 2540
- Mixed Liquor Vol Susp	w/ww	SM 2540
- Settleable	w/ww	SM 2540
Sulfate	w/dw/ww	SM 4500
	sw	SM 4500
Sulfide, Hydrogen	w/dw/ww	SM 4500
	sw	SM 4500
Sulfite	w/dw/ww	SM 4500
Surfactants (MBAS/CTAS)	w/dw/ww	SM 5540
Turbidity	w/dw/ww	SM 2130B

WATER MICROBIOLOGY

Parameter	Matrix	Method
-Total and E. coli (Q-Tray)	dw/ww	SM 9223
-E. coli (Quanti-Tray)	dw/ww	SM 9223
-Fecal (MPN)	w/ww; sw	SM 9221
-Total/E. coli (P/A, Colilert)	dw	SM 9223
Heterotrophic Plate Count	w/ww	SM 9215
Water Suitability	w	SM 9020

TOXICITY

Parameter
-48 hr Acute Toxicity (<i>Ceriodaphnia dubia</i>)
-7 day Chronic Toxicity (<i>Ceriodaphnia dubia</i>)
-48 hr Acute Toxicity (<i>Pimephales promelas</i>)
-7 day Chronic Toxicity (<i>Pimephales promelas</i>)

HAZARDOUS WASTE CHARACTERIZATION

<i>Parameter</i>	<i>Matrix</i>	<i>Method</i>
Corrosivity	ww/sw	SW846-9045
Ignitability (Flashpoint)	ww/sw	SW846-1010
Free Liquids	sw	SW846-9095
Reactivity (cyanide & sulfide)	ww/sw	SW846-7.3
Non-volatile extraction	ww/sw	SW846-1311
Zero-headspace extraction	ww/sw	SW846-1311
TCLP Metals*	ww/sw	SW846-7000
TCLP Volatiles*	ww/sw	SW846-8240
TCLP Semivolatiles*	ww/sw	SW846-8270
TCLP Pesticides/Herbicides*	ww/sw	SW846-8080/8150
Complete TCLP extraction and analysis	ww/sw	see above

* Analysis only

MISCELLANEOUS ORGANICS

<i>Parameter</i>	<i>Matrix</i>	<i>Method</i>
BTEX	ww/sw/dw	SW846-8021/EPA 524
BTEX w/ MTBE	ww/sw/dw	SW846-8021/EPA 524
Dioxin	w/ww	EPA 1613
Haloacetic Acids (HAAs)	dw	EPA 552.2
Herbicides	dw	EPA 515.1
	ww/sw	SW846-8150
Naphthalene	ww/sw	SW846-8270
Pesticides/PCBs	dw/ww	EPA 505/EPA 608
	sw	SW846-8080
PCBs (only)	dw/ww/sw	EPA 505/EPA 608 SW846- 8080
Total Petrol. Hydrocarbons	w/dw/ww	EPA 418.1
-TPH-GRO		SW846-8015
-TPH-DRO		SW846-8015
Total Toxic Organics	w/ww	EPA 608/625/624
-Pesticides/PCBs	w/ww	EPA 608
-Semi-Volatiles	w/ww	EPA 625
-Volatiles	w/ww	EPA 624
Tributyltin	w/ww	NBSR 85-3295
Trihalomethanes (THMs)	dw	EPA 524.2

RADIOLOGICAL

<i>Parameter</i>	<i>Matrix</i>	<i>Method</i>
Gross Alpha and Beta	w/dw/ww	EPA 900
Radium 226/228	w/dw/ww	EPA 903/904
Radon	w/dw/ww	EPA EERF App. B
Uranium	w/dw/ww	EPA 908

w = water

dw = drinking water

ww = waste water

sw = solid waste / sludge