

Analyte	Aqueous Samples				
	Method Number	Volume (in mls)	Container	Preservation	Holding Time
Acidity	SM 2310B	500	p,g	1	14 days
Alkalinity	SM 2320B	500	p,g	1	14 days
Ammonia	e 350.1	500	p,g	2	28 days
BOD	SM 5210B	1000	p,g	1	48 hours
CBOD	SM 5210B	1000	p,g	1	48 hours
COD	410.4	125	p,g	2	28 days
Chloride	SM 4500Cl-E	250	p,g	1	28 days
Chlorine, total residual	SM 4500Cl-G	125	p,g	none	immediate
Coliform, Fecal	SM 9222D	125	sb	1	6 hours
Coliform, Total	SM 9222B	125	sb	1	6 hours
Cyanide, Amenable	SM 4500CN-G	250	p,g	3	14 days
Cyanide, Total	SM 4500CN-E	250	p,g	3	14 days
Fluoride	SM 4500FB	500	p	1	28 days
Hardness	130.2	500	p,g	4	6 months
Metals					
Chromium VI	218.5	500	p,g	1	24 hours
Mercury	245.2	250	p,g	4	28 days
All other metals	6010B/200.7	250	p,g	4	6 months
Nitrate	353.2	250	p,g	1	48 hours
Nitrate-Nitrate	353.2	250	p,g	2	28 days
Nitrite	353.2	250	p,g	1	48 hours
Oil & Grease	1664A	1000	ag	2	28 days
pH	SM 4500H+B	100	p,g	none	immediate
Phenolics	420.2	500	ag	2	28 days
Phosphate, Ortho	365.3	500	p,g	1	48 hours
Phosphorous, Total	SM 4500-PE	500	p,g	1	28 days
Residue, Filterable (TDS)	SM 2540-C	1000	p,g	1	7 days
Residue, nonfilterable (TSS)	SM 2540-D	1000	p,g	1	7 days
Residue, Settleable	160.5	1000	p,g	1	48 hours
Residue, Total	SM 2540-B	1000	p,g	1	7 days
Residue, Volatile	160.4	1000	p,g	1	7 days
Specific Conductance	120.1	250	p,g	1	28 days
Sulfate	375.4	250	p,g	1	28 days
Sulfide	SM 4500S2D	250	p,g	5	7 days
Surfactants - MBAS	SM 5540C	500	p,g	1	48 hours
TKN	SM 4500N org B	500	p,g	2	28 days
Total Organic Carbon (TOC)	SM 5310C	250	ag	2	28 days
Turbidity	180.1	250	p,g	1	48 hours
Volatile Organics	624	(2) 40ml	VOA Vials	6	14 days
Semivolatile Organics *	625	1000	g,a	1	7 days

\*Semivolatiles include: Base/Neutral/Acids, Pesticides, PCB's, Herbicides, Polynuclear Aromatics, TPH and others

<i>Ground Water, Soil and other Solids</i>				
Analyte	Method Number	Volume	Container	Preservation
Ammonia	350.1 Mod	125 g	p,g	1
Chloride	SW 9251	125 g	p,g	none
Cyanide, Total	SW 9012	125 g	p,g	1
Metals				
Mercury	SW 7471	125 g	p,g	1
All other metals	SW 6010B	125 g	p,g	1
Nitrate	E 353.2 Mod	125 g	p,g	1
Nitrate-Nitrite	E 353.2 Mod	125 g	p,g	1
Nitrite	E 353.2 Mod	125 g	p,g	1
pH	SW 9045 C	125 g	p,g	none
Phenolics	SW 9065	125 g	g,a	1
Sulfate	SW 9035	125 g	p,g	1
TCLP extraction	SW 1311	250 g	p,g	1
TKN	SM 4500N org B	125 g	p,g	1
Total Organic Carbon (TOC)	SW 9060	125 g	g,a	1
Volatile Organics	SW 8260 C	5 g	Encore	2
Semivolatile Organics *	SW 8270 D	125g	g	1

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Container Codes	
p	HDPE Plastic Container
g	Glass Container
ag	Glass, Amber Container
p/g	Plastic or Glass Container
sb	Sterile Bottle
Encore	Encore sampling procedure

Preservation Codes	
1	Cool to $\leq 6^{\circ}\text{C}$
2	pH < 2 H <sub>2</sub> SO <sub>4</sub> , Cool to $\leq 6^{\circ}\text{C}$
3	pH > 12 NaOH, $\leq 6^{\circ}\text{C}$
4	pH < 2 HNO <sub>3</sub> , $\leq 6^{\circ}\text{C}$
5	pH > 9 NaOH, Zn Acetate, $\leq 6^{\circ}\text{C}$
6	pH < 2 HCl, Cool to $\leq 6^{\circ}\text{C}$