

## Wastewater Analysis

Test:	Method:	Bottle:	Preservative:	Hold Time:	Turn Around Time:
Alkalinity, Stability	SM 2330	250ml plastic	Non-preserved	7 days	5-7 business days
Alkalinity, Total	SM 2320	250ml plastic	Non-preserved	7 days	5-7 business days
BOD, 5 day	SM 5210 B	1000ml plastic	Non-preserved	48 hours	5-7 business days
CBOD, 5 day	SM 5210 B	1000ml plastic	Non-preserved	48 hours	5-7 business days
Chloride	SM 4500Cl B	250ml plastic	Non-preserved	7 days	5-7 business days
Chlorine, Free	SM 4500Cl G	250ml plastic	Non-preserved	ASAP	5-7 business days
Chlorine, Residual	SM 4500Cl G	250ml plastic	Non-preserved	ASAP	5-7 business days
Chlorine, Total	SM 4500Cl G	250ml plastic	Non-preserved	ASAP	5-7 business days
COD	SM 5220 D	250ml plastic	Sulfuric Acid	28 days	5-7 business days
Conductivity	SM 2510 B	250ml plastic	Non-preserved	ASAP	5-7 business days
Cyanide, Free	SM 4500 Cn I	250ml plastic	Ascorbic Acid	14 days	5-7 business days
Cyanide, Total	SM 4500 Cn C E	250ml plastic	Ascorbic Acid	14 days	5-7 business days
Dissolved Oxygen	SM 4500 O G	250ml plastic	Non-preserved	ASAP	5-7 business days
E-Coli	SM 9223 B	100ml Sterile	Sodium Thiosulfate	8 hours	5-7 business days
Fecal	SM 9223 B	100ml Sterile	Sodium Thiosulfate	8 hours	5-7 business days
Flash Point	SM 1010/1030	Amber Jar	Non-preserved	N/A	5-7 business days
Hardness	SM 2340C	250ml plastic	Nitric Acid	6 months	5-7 business days
MBAs	SM 5540C	250ml plastic	Non-preserved	48 hours	5-7 business days
Nitrate (NO3)	EPA 300.0	250ml plastic	Non-preserved	48 hours	5-7 business days
Nitrite (NO2)	EPA 300.0	250ml plastic	Non-preserved	48 hours	5-7 business days
Nitrite/Nitrate	EPA 300.0	250ml plastic	Non-preserved	48 hours	5-7 business days
Ammonia	EPA 350.1	250ml plastic	Sulfuric Acid	28 days	5-7 business days
Odor	SM 2150 B	Glass	Non-preserved	ASAP	5-7 business days
pH	SM 4500 H+	250ml plastic	Non-preserved	ASAP	5-7 business days
Phenol	EPA 420.1	60ml glass vial	Sulfuric Acid	28 days	5-7 business days
Phosphate, Ortho	EPA 300.0	250ml plastic	Non-preserved	24 hours	5-7 business days
Phosphate, Total (PO4)	SM 4500 P-E	250ml plastic	Sulfuric Acid	28 days	5-7 business days
Phosphorus, Total	SM 4500 P-E	250ml plastic	Sulfuric Acid	28 days	5-7 business days
Dissolved Solids (TDS)	SM 2540 C	250ml plastic	Non-preserved	7 days	5-7 business days
Percent Solids	SM 2540 B	250ml plastic	Non-preserved	7 days	5-7 business days
Total Suspended Solids (TSS)	SM 2540-D	250ml plastic	Non-preserved	7 days	5-7 business days
Total Solids	SM 2540B	250ml plastic	Non-preserved	7 days	5-7 business days

Total Volatile Solids (TVS)	SM 2540 E	250ml plastic	Non-preserved	7 days	5-7 business days
Specific Gravity	SM 2710 2710 F	250ml plastic	Non-preserved	7 days	5-7 business days
TCLP	EPA 1311	250g of sample	Non-preserved	7 days	7-10 business days
TTHM	EPA 8260/624	2-40ml glass vials	Sodium Thiosulfate	7 days	5-7 business days
TKN	EPA 351.2	250ml plastic	Sulfuric Acid	28 days	5-7 business days
TOC	SM 5310 C	2-40ml glass vials	Phosphoric Acid	7 days	5-7 business days
Total Organic Nitrogen	EPA 350.1+351.2	250ml plastic	Sulfuric Acid	28 days	5-7 business days
TTO (Pest., PCB, SVOC, VOC)	EPA 608/624/625	(2) 1L glass, 2-40ml glass vials	Sodium Thiosulfate	7 days	7-10 business days
Turbidity	SM 2130 B	250ml plastic	Non-preserved	24 hours	5-7 business days
VOC	EPA 8260/624	2-40ml glass vials	Sodium Thiosulfate	7 days	7-10 business days
Oil & Grease	EPA 41664 A	1L Amber	Hydrochloric Acid	28 days	5-7 business days
Low Level Mercury	EPA 1631 E	Special Kit	Non-preserved	28 days	5-7 business days
Mercury	EPA 245.1	500ml plastic	Nitric Acid	28 days	5-7 business days
Metals**	EPA 200.7/200.8	250ml plastic	Nitric Acid	6 months	5-7 business days
Chromium Hexavalent	SM 3500 Cr B	250ml plastic	Non-preserved	24 hours	5-7 business days
Suspended Iron	EPA 200.7/200.8	250ml plastic	Non-preserved	48 hours	5-7 business days
Suspended Manganese	EPA 200.7/200.8	250ml plastic	Non-preserved	48 hours	5-7 business days
Pesticide	EPA 608/8081	1L Amber	Sodium Thiosulfate	7 days	Sub-contracted
Herbicide	EPA 8151	1L Amber	Sodium Thiosulfate	7 days	Sub-contracted
TPH GRO	EPA 8015 B	2-40ml glass vials	Sodium Thiosulfate	7 days	7-10 business days
TPH DRO	EPA 8015 B	1L Amber	Sodium Thiosulfate	7 days	7-10 business days
PCB	EPA 8082	1L Amber	Sodium Thiosulfate	7 days	7-10 business days

\*\*Metals including but not limited to Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mg, Hg, Mo, Ni, K, Se, Ag, Tl, Zn

\*\*\*Methods EPA 200.7 and EPA 200.8

### SOC Analysis

Group 1	EPA 525.2	1L Amber glass	Sodium Sulfite + HCl	14 days	Subcontracted
Group 2	EPA 515.3	250ml Amber glass	Sodium Thiosulfate	14 days	Subcontracted
	EPA 531.1	3-40ml vials	Monochloroacetic Acid	28 days	Subcontracted
Group 3	EPA 508	1L Amber glass	Sodium Thiosulfate	7 days	Subcontracted
	EPA 547	3-40ml vials	Sodium Thiosulfate	14 days	Subcontracted
	EPA 549.1	1L Amber plastic	Sodium Thiosulfate, H2SO4	7 days	Subcontracted
Group 4	EPA 525.2	1L Amber glass	Sodium Sulfite + HCl	14 days	Subcontracted
	EPA 548.1	250ml Amber glass	Sodium Thiosulfate	7 days	Subcontracted

EPA 504.1

3-40ml vials

Sodium Thiosulfate

14 days

Subcontracted