

## Waste Water Analysis

Test	Method	Bottle	Perservative	Hold Time	Special requirements
Alkalinity, Phen	SM 2320 B	250ml Plastic	Non Preserved	7 days	
Alkalinity, Stab	SM 2330	250ml Plastic	Non Preserved	7 days	
Alkalinity, Total	SM 2320	250ml Plastic	Non Preserved	7 days	
BOD, 5 Day	SM 5210 B	250ml Plastic	Non Preserved	48 hours	
CBOD, 5 Day	SM 5210 B	250ml Plastic	Non Preserved	48 hours	
Chloride	SM 4500Cl B	250ml Plastic	Non Preserved	7 days	
Chlorine, Free	SM 4500Cl G	250ml Plastic	Non Preserved	ASAP	
Chlorine, Residual	SM 4500Cl G	250ml Plastic	Non Preserved	ASAP	
Chlorine, Total	SM 4500Cl G	250ml Plastic	Non Preserved	ASAP	
COD	SM 5220 D	250ml Plastic	Sulfuric Acid	28 days	
Conductivity	SM 2510 B	250ml Plastic	Non Preserved	ASAP	
Cyanide, Amenable	SM 4500 Cn C E	250ml Plastic	Ascorbic Acid	14 days	
Cyanide, Free	SM 4500 Cn I	250ml Plastic	Ascorbic Acid	14 days	NaOH preserve at receipt
Cyanide, Total	SM 4500 Cn C E	250ml Plastic	Ascorbic Acid	14 days	NaOH preserve at receipt
Dissolved Oxygen	SM 4500 O G	250ml Plastic	Non Preserved	ASAP	
E-Coli	SM 9223 B - 18 hr	100ml Sterile	Sodium Thiosulfate	8 hours	MASI Container
Fecal Coliform	SM 9223 B - 18 hr	100ml Sterile	Sodium Thiosulfate	8 hours	MASI Container
Fecal Strep	SM 9230 C	100ml Sterile	Sodium Thiosulfate	8 hours	MASI Container
Flash Point, Closed	SM 1010 / 1030	Amber Qt	Non Preserved	N/A	
Flash Point, Open	SM 1010 / 1030	Amber Qt	Non Preserved	N/A	
Hardness	SM 2340 C	250ml Plastic	Nitric Acid or Non preserved	6 mos/14 days	
MBAS	SM 5540 C	250ml Plastic	Non Preserved	48 hours	
Nitrate (NO3)	SM 4500 NO3 F	250ml Plastic	Non Preserved	48 hours	
Nitrite (NO2)	SM 4500 NO3 F	250ml Plastic	Non Preserved	48 hours	
Nitrate+Nitrite	SM 4500 NO3 F	250ml Plastic	Non Preserved	48 hours	
Nitrogen Ammonia	EPA 350.1	250ml Plastic	Sulfuric Acid	28 days	
Odor	SM 2150 B	Glass Odor Btl	Non Preserved	ASAP	
pH	SM 4500H+	250ml Plastic	Non Preserved	ASAP	
Phenol	EPA 420.1	Amber Qt	Sulfuric Acid	28 days	
Phosphate, Ortho	SM 4500 P-E	250ml Plastic	Non Preserved	24 hours	
Phosphate, Total (PO4)	SM 4500 P-E	250ml Plastic	Sulfuric Acid	28 days	
Phosphorus, Total (TP)	SM 4500 P-E	250ml Plastic	Sulfuric Acid	28 days	
Solids, Dissolved	SM 2540C	250ml Plastic	Non Preserved	7 days	
Solids, Non-Volatile	SM 2540 E	250ml Plastic	Non Preserved	7 days	
Solids, Percent	SM 2540 B	250ml Plastic	Non Preserved	7 days	
Solids, Suspended	SM 2540-D	250ml Plastic	Non Preserved	7 days	
Solids, Total	SM 2540 B	250ml Plastic	Non Preserved	7 days	
Solids, Volatile	SM 2540 E	250ml Plastic	Non Preserved	7 days	
Solids, Volatile Susp	SM 2540 E	250ml Plastic	Non Preserved	7 days	
Specific Gravity	SM 2710 F	250ml Plastic	Non Preserved	7 days	
Specific Oxygen Uptake	SM 2710	250ml Plastic	Non Preserved	7 days	
TCLP	EPA 1311	250 g Sample	Non Preserved	N/A	
THM	EPA 8260/624	3-40ml vials	Sodium Thiosulfate	7 days	Trip blanks/No Headspace
TKN	EPA 351.2	250ml Plastic	Sulfuric Acid	28 days	
TOC	SM 5310 C	3-40ml vials	Phosphoric Acid	7 days	
TON-N	EPA 350.1+351.2	250ml Plastic	Sulfuric Acid	28 days	
TTO	EPA 608/624/625	1L glass/3-40ml vial	Sodium Thiosulfate	7 days	Trip blanks/No Headspace for 624
Turbidity	SM 2130 B	250ml Plastic	Non Preserved	24 hours	
VOC	EPA 8260/624	3-40ml vials	Sodium Thiosulfate	7 days	Trip blanks/No Headspace
O&G Hexane	EPA 1664 A / B	1L Amber	Sulfuric Acid	28 days	
Low Level Hg	EPA 1631 E	Special Kit	Non Preserved	28 days	
Mercury	EPA 245.1	250ml Plastic	Nitric Acid	28 days	
<b>Metals **</b>	<b>Methods ***</b>	<b>250ml Plastic</b>	<b>Nitric Acid or Non preserved</b>	<b>6 mos / 14 days</b>	
Chrome Hexavalent	SM 3500 Cr B	250ml Plastic	Non Preserved	24 hours	
Iron Susp	EPA 200.7	250ml Plastic	Non Preserved	48 hours	
Mn Susp	EPA 200.7	250ml Plastic	Non Preserved	48 hours	
Pesticide	EPA 608/8081	1L Amber	Sodium Thiosulfate	7 days	
Herbicide	EPA 8151	1L Amber	Sodium Thiosulfate	7 days	
TPH GRO	EPA 8015 B	3-40ml vials	Sodium Thiosulfate	7 days	
TPH DRO	EPA 8015 B	1L Amber	Sodium Thiosulfate	7 days	
PCB	EPA 8082	1L Amber	Sodium Thiosulfate	7 days	

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

\*\*\* Methods: EPA 200.7 / EPA 200.9