

Waste Water Analysis

Test	Method	Bottle	Perservative	Hold Time	Special requirements
Alkalinity, Phen	SM 2320B	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	EPA 405.1/SM 5210B	250ml Plastic	Non Preserved	48 hours	
CBOD, 5 Day	EPA 405.1/SM 5210B	250ml Plastic	Non Preserved	48 hours	
Chloride	SM 4500CLB	250ml Plastic	Non Preserved	7 days	
Chlorine, Free	SM 4500CLG	250ml Plastic	Non Preserved	ASAP	
Chlorine, Residual	SM 4500CLG	250ml Plastic	Non Preserved	ASAP	
Chlorine, Total	SM 4500CLG	250ml Plastic	Non Preserved	ASAP	
COD	EPA 410.4/SM 5220D	250ml Plastic	Sulfuric Acid	28 days	
Conductivity	SM 2510B	250ml Plastic	Non Preserved	ASAP	
Cyanide, Amenable	EPA 335.4/SM 4500CN	250ml Plastic	Ascorbic Acid	14 days	
Cyanide, Free	EPA 335.4/SM 4500CN	250ml Plastic	Ascorbic Acid	14 days	NaOH preserve at receipt
Cyanide, Total	EPA 335.4/SM 4500CN	250ml Plastic	Ascorbic Acid	14 days	NaOH preserve at receipt
Dissolved Oxygen	SM 4500 OG	250ml Plastic	Non Preserved	ASAP	
E-Coli	SM 9223B	100ml Sterile	Sodium Thiosulfate	8 hours	MASI Container
Fecal Coliform	SM 9223B	100ml Sterile	Sodium Thiosulfate	8 hours	MASI Container
Fecal Strep	SM9230C	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 2340C	250ml Plastic	Nitric Acid or Non preserved	6 mos/14 days	
MBAS	SM 5540C	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 350.3	250ml Plastic	Sulfuric Acid	28 days	
Odor	SM2150B	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	EPA 160.3+160.4	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 2710F	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	SM 4500 NH3-F	250ml Plastic	Sulfuric Acid	28 days	
TOC	SM 5310C	3-40ml vials	Phosphoric Acid	7 days	
TON-N	EPA 350.3+351.4	250ml Plastic	Sulfuric Acid	28 days	
TTO	EPA 608/624/625	1L glass/3-40ml vials	Sodium Thiosulfate	7 days	Trip blanks/No Headspace for 624
Turbidity	SM 2130B	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	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	
Metals **	Methods ***	250ml Plastic	Nitric Acid or Non preserved	6 mos / 14 days	
Chrome Hexavalent	SM 3500-CR B	250ml Plastic	Non Preserved	24 hours	
Iron Susp	SM 3111-B	250ml Plastic	Non Preserved	48 hours	
Mn Susp	SM 3111-B	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 8015B	3-40ml vials	Sodium Thiosulfate	7 days	
TPH DRO	EPA 8015B	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