



ENVIRONMENTAL SAMPLING GUIDE

Parameter	Methodology	Matrix	Container	Preservative	Hold Time
Volatile Organics	8260 & 5030	Liquid	40 mL (3)	HCL, H2SO4, or NaHSO4 + Cool $\leq 6^{\circ}$ C	14 Days Analyze
	8260 & 5035	Solid	Encore/TerraCore	Cool $\leq 6^{\circ}$ C	Preserve within 48 Hours & 14 Day Analyze
	8260 & 5035	Solid	4 oz. WMG	None, used for moisture	None
VOC's in Air	TO-14, TO-15	Air	6-liter SUMMA	Ambient Temperature	30 days analysis
Semivolatile Organics	8270	Liquid	32 oz. BR (2) Amber	Cool $\leq 6^{\circ}$ C	7 Day Extract, 40 Day Analyze
	8270	Solid	4 oz. WMG	Cool $\leq 6^{\circ}$ C	14 Day Extract, 40 Day Analyze
Metals	6010/6020/7470	Liquid	16 oz. P	HNO3	6 Months (Hg 28 Day)
	6010/6020/7471	Solid	4 oz. WMG	None	6 Months (Hg 28 Day)
PCB	8082	Liquid	32 oz. BR (2)	Cool $\leq 6^{\circ}$ C	None
	8082	Solid	4 oz. WMG	Cool $\leq 6^{\circ}$ C	None
Pesticides	8081	Liquid	32 oz. BR (2)	Cool $\leq 6^{\circ}$ C	7 Day Extract, 40 Day Analyze
	8081	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Extract, 40 Day Analyze
Herbicides	8151	Liquid	32 oz. BR (2)	Cool $\leq 6^{\circ}$ C	7 Day Extract, 40 Day Analyze
	8151	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Extract, 40 Day Analyze
TCLP Volatile Organics	1311/8260	Liquid	32 oz BR	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 14 Day Analyze
	1311/8260	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 14 Day Analyze
TCLP Semivolatile Organics	1311/8270	Liquid	32 oz. BR Amber	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 7 Day Extract, 40 Day Analyze
	1311/8270	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 7 Day Extract, 40 Day Analyze
TCLP Metals (8)	1311/6010/7470	Liquid	32 oz. BR	None	180 Day Tumble, 180 Day Analyze(Hg 28 Days)
	1311/6010/7470	Solid	4 oz. WMG	None	180 Day Tumble, 180 Day Analyze(Hg 28 Days)
TCLP Pesticide	1311/8081	Liquid	32 oz BR	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 7 Day Extract, 40 Day Analyze
	1311/8081	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 7 Day Extract, 40 Day Analyze
TCLP Herbicides	1311/8151	Liquid	32 oz. BR	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 7 Day Extract, 40 Day Analyze
	1311/8151	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Tumble, 7 Day Extract, 40 Day Analyze
Ignitability (FP)	1010	Liquid	8 oz. BR	Cool $\leq 6^{\circ}$ C	Not Specified
	1010	Solid	4 oz. WMG	Cool $\leq 6^{\circ}$ C	Not Specified
Corrosivity, as pH	9040	Liquid	4 oz. BR	None	14 Day Analyze
BTEX	8021 & 5030	Liquid	40 mL (3)	HCL, H2SO4, or NaHSO4 + Cool $\leq 6^{\circ}$ C	14 Day Analyze
	8021 & 5035	Solid	Encore/TerraCore	Cool $\leq 6^{\circ}$ C	Preserve within 48 Hours & 14 Day Analyze
	8021 & 5035	Solid	4 oz. WMG	None, used for moisture	None
TPH	418.1	Liquid	32 oz. BR (2)	HCL + Cool $\leq 6^{\circ}$ C	28 Day Analyze
TPH-DRO	8015	Liquid	32 oz. BR (2)	HCL + Cool $\leq 6^{\circ}$ C	7 Day Analyze
	8015	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Day Analyze
TPH-GRO	8015/5030	Liquid	40 mL (3)	HCL, H2SO4, or NaHSO4 + Cool $\leq 6^{\circ}$ C	14 Days Analyze
	8015/5035	Solid	Encore/TerraCore	Cool $\leq 6^{\circ}$ C	Preserve within 48 Hours & 14 Day Analyze
	8015/5035	Solid	4 oz WMG	None used for moisture	None
Texas TPH	1005	Liquid	40 mL (3)	HCL + Cool $\leq 6^{\circ}$ C	14 Days Extract / 14 Day Analyze
	1005	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	14 Days Extract / 14 Day Analyze
Ammonia Nitrogen	SM4500	Liquid	16 oz. BR	H2SO4 + Cool $\leq 6^{\circ}$ C	28 Days Analyze
BOD	SM5210	Liquid	32 oz. P	Cool $\leq 6^{\circ}$ C	48 Hours Analyze
Cyanide	SM4500	Liquid	16 oz. BR	NaOH + Ascorbic Acid & Cool $\leq 6^{\circ}$ C	14 Days Analyze
	9010	Solid	4 oz. WMG	None	14 Days Analyze
COD	SM5520	Liquid	4 oz. BR	H2SO4 + Cool $\leq 6^{\circ}$ C	28 Days Analyze
Chromium, Hexavalent	SM3500	Liquid	8 oz P	Cool $\leq 6^{\circ}$ C	24 Hour Analyze
	7196	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	30 days Digestion, 96 hours Analyze
Fecal Coliform	SM 9222	Liquid	100 mL Sterile P Bag	Sodium Thiosulfate + Cool $< 6^{\circ}$ C	6 Hours Analyze
Total Coliform	SM 9222	Liquid	100 mL Sterile P Bag	Sodium Thiosulfate + Cool $\leq 6^{\circ}$ C	6 Hours Analyze
Fluoride	300.0	Liquid	8 oz P	Cool $\leq 6^{\circ}$ C	28 Days Analyze
Hardness	SM 2340	Liquid	500 ml	HNO3 or H2SO4 + Cool $\leq 6^{\circ}$ C	180 Days Analyze
Mercury	7470	Liquid	16 oz P	HNO3	28 Day Analyze
	7471	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	28 Day Analyze
Nitrate (NO3)	300	Liquid	8 oz P	Cool $\leq 6^{\circ}$ C	48 Hours Analyze
Nitrite (NO2)	300	Liquid	8 oz P	Cool $\leq 6^{\circ}$ C	48 Hours Analyze
Nitrate/Nitrite	300	Liquid	8 oz. P	H2SO4 + Cool $\leq 6^{\circ}$ C	28 Days Analyze
Oil & Grease	413.1	Liquid	32 oz. BR (2)	HCL + Cool $\leq 6^{\circ}$ C	28 Days Analyze
	1664/9070	Liquid	32 oz BR (2)	H2SO4 or HCL + Cool $\leq 6^{\circ}$ C	28 Days Analyze
	9071	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	28 Days Analyze
pH	SM4500	Liquid	4 oz. BR	Cool $\leq 6^{\circ}$ C	Immediate (Field Test)
	9045	Solid	4 oz. WMG	Cool $\leq 6^{\circ}$ C	Immediate (Field Test)
Phenols	420.1	Liquid	32 oz BR	H2SO4	28 Days Analyze
	9065	Solid	4 oz WMG	Cool $\leq 6^{\circ}$ C	28 Days Analyze
Residual Chlorine	SM4500	Liquid	16 oz BR	None	Immediate (Field Test)
Chloride	SM4500	Liquid	16 oz. BR	Cool $\leq 6^{\circ}$ C	28 Days Analyze
Specific Conductance	120.1/9050	Liquid	16 oz. BR	Cool $\leq 6^{\circ}$ C	24 HR or 28 Days Analyze if filtered

Parameter	Methodology	Matrix	Container	Preservative	Hold Time
Sulfate	300	Liquid	8 oz P	Cool $\leq 6^{\circ}$ C	28 Days Analyze
Sulfide	SM4500	Liquid	8 oz P	NAOH + ZNAC & Cool $\leq 6^{\circ}$ C	7 Days Analyze
Surfactants	5540	Liquid	32 oz BR	Cool $\leq 6^{\circ}$ C	48 HR Analyze
Sulfite	SM4500	Liquid	8 oz P	Cool $\leq 6^{\circ}$ C	24 Hour Analyze
TOC	SM5310/9060	Liquid	8 oz.BR	HCL or H2SO4 + Cool $\leq 6^{\circ}$ C	28 Days Analyze
TOC	9060	Solid	4 oz. WMG	Cool $\leq 6^{\circ}$ C	28 Days Analyze
TOC	Wakley Black	Soil	4 oz WMG	Cool $\leq 6^{\circ}$ C	Not Specified
TOX/TOH	9020	Liquid	8 oz. BR	H2SO4 + Cool $\leq 6^{\circ}$ C	28 Days Analyze
	9020	Solid	4 oz. WMG	Cool $\leq 6^{\circ}$ C	28 Days Analyze
TSS	SM2540	Liquid	16oz. P	Cool $\leq 6^{\circ}$ C	7 Days Analyze
Total Kjeldahl Nitrogen (TKN)	SM4500	Liquid	32 oz BR	H2SO4 + Cool $\leq 6^{\circ}$ C	28 Days Analyze
Turbidity	SM 2130 B	Liquid	500 ml	Cool $\leq 6^{\circ}$ C	48 HR Analyze
Total Dissolved Solids	SM2540	Liquid	16 oz. P	Cool $\leq 6^{\circ}$ C	7 Days Analyze

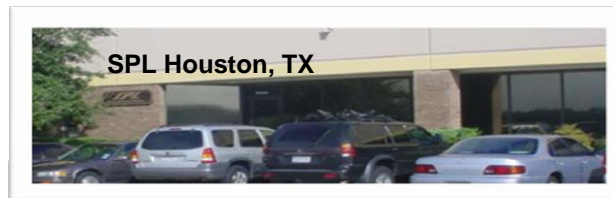
SPL is not responsible for updates or changes not reflected in this revision. Sample bottle size may vary depending on the scope of the project, or their may be special state methods that apply to certain analysis, please contact your Project Manager with any questions. (Revised 09/30/09)

CONTACT INFORMATION

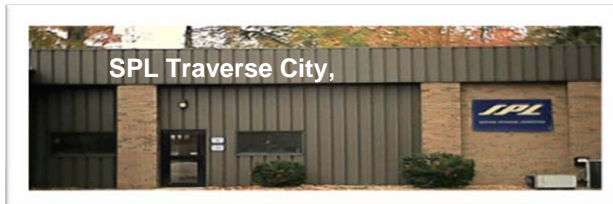
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