

SAMPLING GUIDE

SOIL ANALYSIS

Hold Time	Analysis	Volume
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Inorganics

28 days	Ammonia	4 oz. Glass jar
28 days	Chloride	4 oz. Glass jar
30 days	Chromium, (hexavalent)	4 oz. Glass jar
28 days	COD	4 oz. Glass jar
14 days	Cyanides	4 oz. Glass jar
28 days	Flashpoint	4 oz. Glass jar
6 months*	Metals, Total	4 oz. Glass jar
48 hr	Nitrate	4 oz. Glass jar
48 hr	Nitrite	4 oz. Glass jar
28 days	Nitrogen Tot-TKN	4 oz. Glass jar
28 days	Oil & Grease Or Petroleum HC	4 oz. Glass jar
IMMED	Ph	4 oz. Glass jar
28 days	Phenolics	4 oz. Glass jar
28 days	Phosphate Or Phosphorus	4 oz. Glass jar
7 days	Solids-Fixed	4 oz. Glass jar
7 days	Solids-Total	4 oz. Glass jar
7 days	Solids-Volatile	4 oz. Glass jar
28 days	Sulfate	4 oz. Glass jar
7 days	Sulfide	4 oz. Glass jar
28 days	TOC	4 oz. Glass jar
28 days	TX Or EOX	4 oz. Glass jar

TCLP/SPLP

6 months*	Metals	4 oz. Glass jar
14 (1)	Volatiles	25 gm ENCORE/4 oz. jar
14 (1)	Pesticides	4 oz. Glass jar
14 (1)	Semi Volatiles	4 oz. Glass jar
14 (1)	Herbicides	4 oz. Glass jar
as above	Full TCLP (Solid)	(1) 25 gm encore and (2) 8 oz. Glass jars

Petroleum Analysis

N/A	Age Dating	4 Glass jar
14 days	EPH	4 oz. Glass jar
14 days	EPH-(MA)	4 oz. Amber glass jar
14 days	ETPH	4 oz. Glass jar
14 days	TPH DRO	4 oz. Glass jar
14 days	TPH GRO	(2) methanol VOA
28 days	VPH	(2) methanol VOA

Organics (Soils/Solids/Oil/Solvents)

3 days	Formaldehyde	4 oz. Glass jar
14 days	Herbicides	4 oz. Glass jar
14 days	Pesticides/PCBs	4 oz. Glass jar
14 days	Semi Volatiles	4 oz. Glass jar
14 days	Volatiles	4 oz. Glass jar, (1) Methanol VOA, (2) Water VOA **

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WATER ANALYSIS

Hold Time	Analysis	Preservative	Volume
Inorganics			
14 days	Alkalinity	As Is	100 ml/plastic, no headspace
28 days	Ammonia	H2SO4	500 ml/plastic
24 hours	Bacteria (DW)	As Is	120 ml/Sterile plastic
6 hours	Bacteria (WW)	As Is	120 ml/Sterile plastic
48 hour	Bod	As Is	500 ml/plastic
28 days	Bromide	As Is	100 ml/plastic
28 days	Chloride	As Is	50 ml/plastic
IMMED	Chlorine Residual	As Is	100 ml/plastic
24 hr	Chromium, Hexavalent	As Is	250 ml/plastic
28 days	Cod	H2SO4	50 ml/plastic
48 hr	Color	As Is	50 ml/plastic
28 days	Conductance	As Is	100 ml/plastic
14 days	Cyanide	NaOH	100 ml/plastic
28 days	Flashpoint	As Is	250 ml/plastic
28 days	Fluoride (ww)	As Is	500 ml/plastic
6 months	Hardness	HNO3	100 ml/plastic
48 hr	MBAS	As Is	1000 ml/Amber
6 months*	Metals, Dissolved (Field Filter)	HNO3	250 ml/plastic
6 months*	Metals, Dissolved (Lab Filter)	As Is	250 ml/plastic
6 months*	Metals, Total	HNO3	250 ml/plastic
48 hr	Nitrate, Nitrite	As Is	50 ml/plastic
28 days	Nitrogen, TOT-TKN	H2SO4	250 ml/plastic
24 hr	Odor	As Is	100 ml/plastic
48 hr	Odor (NY)	As Is	250 ml/plastic
28 days	Oil & Grease	H2SO4	1000 ml/Amber
IMMED	Oxygen, Dissolved	As Is	BOD Bottle
IMMED	Ph	As Is	100 ml/plastic
28 days	Phenolics	H2SO4	8 oz. Amber
48 hr	Phosphate, Ortho	As Is	50 ml/plastic
28 days	Phosphate, Phosphorus	H2SO4	50 ml/plastic
7 days	Solids, Dissolved	As Is	100 ml/plastic
48 hr	Solids, Settleable	As Is	1000 ml/plastic
7 days	Solids, Suspended	As Is	100 ml/plastic
7 days	Solids, Total	As Is	100 ml/plastic
7 days	Solids, Volatile	As Is	100 ml/plastic
28 days	Sulfate	As Is	50 ml/plastic
7 days	Sulfide	NaOH/Zinc Acetate	250 ml/plastic
IMMED	Sulfite	As Is	100 ml/plastic
28 days	TOC	H3PO4	8 oz. Amber
28 days	TOX	H2SO4	250 ml/Amber
48 hr	Turbidity	As Is	100 ml/plastic
48 hr	UV 254	As Is	8 oz. Amber

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Hold Time	Analysis	Preservative	Volume
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Inorganics

14 days	Volatile Fatty Acids	As Is or H2SO4	250 ml plastic or glass
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TCLP

6 months*	Metals	As Is	500 ml plastic
14 days (1)	Volatiles	As Is	(4)-40 ml/VOA Vials
7 days (2)	Semi Volatiles	As Is	1000 ml/Amber
7 days (2)	Pesticides	As Is	1000 ml/Amber
7 days (2)	Herbicides	As Is	1000 ml/Amber
as above	Full TCLP (Liquid)	As Is	(3) 1000 ml glass Ambers, (1) 500 ml plastic, (4) 40 ml VOA Vials

Petroleum Analysis

14 days	EPH	HCL	(2) 1000 ml/Amber
7 days	ETPH	As Is	1000 ml/Amber
14 days	NJ QAM025	HCL	1000 ml/Amber
7 days	TPH DRO	As Is	1000 ml/Amber
14 days	TPH GRO	HCL	(2)-40 ml/VOA Vials
14 days	VPH	HCL	(2)-40 ml/VOA Vials

Organics (aqueous)

14 days	1,4 Dioxane Low Level 8270 Or 522***	NAHSO4	8 oz. Amber
14 days	Alcohols	As Is	(2)-40 ml VOA Vials
14 days	Dissolved Gasses	HCL	(3)-40 ml/VOA Vials
14 days	EDB/DBCP	As Is	(2)-40 ml VOA Vials
3 days	Formaldehyde	As Is	8 oz. Amber
14 days	Glycols	As Is	(2)-40 ml VOA Vials
14 days	Haloacetic Acids (HAA5)	NH4CL	4 oz. Amber
7 days	Herbicides	As Is	1000 ml/Amber
14 days	Oxygenates	TSP	(3)-40 ml VOA Vials
7 days	PCBs	As Is	1000 ml/Amber
7 days	Pesticides	As Is	1000 ml/Amber
7 days	Semi Volatiles	As Is	(2) 1000 ml/Amber
14 days	THMs	Na2S2O3	(3)-40 ml/VOA Vials
14 days	Volatiles	HCL	(3)-40 ml VOA Vials
14 days	Volatiles (624)	HCL	(3)-40 ml VOA Vials
3 days	Volatiles (624)	As Is	(2)-40 ml VOA Vials As Is

(1) 14 Day Hold for TCLP Extraction

(2) 7 Day Hold for TCLP Extraction

*****for Method 522, If Chlorinated System, The Preservative Is Na2so3**

****Submit to lab within 48 hours of collection, or freeze**

***28 Days For Mercury**