PARAMETER	ANALYTICAL METHOD	HOLDING TIME	PRESERVATIVE	MINIMUM VOLUME (mL)	CONTAINER TYPE
INORGANIC ANALYSES					
BROMIDE	EPA 9056	28 Days	None Required	100	Plastic or Glass
CHLORIDE	EPA 9056	28 Days	None Required	100	Plastic or Glass
CHROMIUM VI	EPA 7196 A	24 Hours	Cool to 4°C	500	Plastic or Glass
CYANIDE, TOTAL	EPA 9010 B EPA 9014	14 Days	pH>12 (2 mL NaOH), 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	Plastic
FLUORIDE	EPA 9056	28 Days	None Required	100	Plastic
HYDROGEN ION (pH)	EPA 9040 B EPA 9045 C	Analyze Immediately	None Required	100	Plastic or Glass
IGNITABILITY	EPA 1030	28 Days	Cool to 4°C	250	Plastic or Glass
FLASH POINT – CLOSED CUP	EPA 1010	28 Days	Cool to 4°C	250	Plastic or Glass
HAZARDOUS WASTE CORROSIVITY	EPA 1110	7 Days	None Required	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
HAZARDOUS WASTE IGNITABILITY	EPA 1010	7 Days	None Required	100	1 Liter Amber Glass 4 oz Glass Jar
HAZARDOUS WASTE REACTIVITY (CYANIDE/SULFIDE)	[2] SW 846 Chapter 7	72 hours	Dark, No Headspace, Cool to 4°C	500	2 x 1 Liter Amber Glass 4 oz Glass Jar
MERCURY	EPA 7470 A EPA 7471 A	28 Days	pH<2 (2 mL 1+1 HNO_3), Cool to 4°C	500	Plastic or Glass
METALS (Except Mercury and Chromium VI))	EPA 7000 Series EPA 6010 B	6 Months	pH<2 (2 mL 1+1 HNO_3)	500	Plastic or Glass
NITRATE	EPA 9056	48 Hours	Cool to 4°C	100	Plastic or Glass
NITRITE	EPA 9056	48 Hours	Cool to 4°C	100	Plastic or Glass
ORTHO-PHOSPHATE	EPA 9056	48 Hours	Filter Immediately, Cool to 4°C	100	Plastic or Glass
PHENOLICS	EPA 9065	28 Days	pH<2 (1 mL 1+1 H_2SO_4), Cool to 4°C	1000	Glass
SPECIFIC CONDUCTANCE	EPA 9050 A	28 Days	Cool to 4°C	500	Plastic or Glass
SULFATE	EPA 9056	28 Days	Cool to 4°C	50	Plastic or Glass

PARAMETER	ANALYTICAL METHOD	HOLDING TIME	PRESERVATIVE	MINIMUM VOLUME (mL)	CONTAINER TYPE
INORGANIC ANALYSES					
SULFIDE	EPA 9030 B	7 Days	pH>9 (6*N* NaOH), 10 drops 2*N* ZnOAc, Cool to 4°C	500	Plastic or Glass
TCLP EXTRACTION (HAZ. WASTE TOXICITY)	EPA 1311	7 Days	Cool to 4°C	1000	2 x 1 Liter Amber Glass 8 oz Glass Jar
TOTAL ORGANIC CARBON (TOC)	EPA 9060	28 Days	pH<2 (3 drops 5% Solution of H_3PO_4), Cool to 4°C	100	Plastic or Glass
ORGANIC ANALYSES					
AROMATIC AND HALOGENATED VOLATILES	EPA 8021 B	14 Days	(1) 100 ul $Na_2S_2O_3$, pH<2 (4 drops 1:1 HCl), No Headspace, Cool to 4°C	100	2 x 40 mL Glass vial
CHLORINATED HERBICIDES	EPA 8151 A	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
DIOXINS & FURANS	EPA 8280 A EPA 8290	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
NONHALOGENATED VOLATILES	EPA 8015 M	14 Days	Cool to 4°C	100	2 x 40 mL Glass vial
ORGANOCHLORINE PESTICIDES	EPA 8081 A	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
ORGANOPHOSPHORUS PESTICIDES	EPA 8141 A	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
PCBs	EPA 8082	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH/PNA)	EPA 8270 C	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Dark, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
SEMI-VOLATILE ORGANICS	EPA 8270 C	7 Days to Extraction 14 for soil	(1) 2.5 mL $Na_2S_2O_3$, Cool to 4°C	1000	2 x 1 Liter Amber Glass 4 oz Glass Jar
TOTAL ORGANIC HALOGENS (TOX)	EPA 9020 B	7 Days	pH<2 (2 mL 1+1 H_2SO_4), Cool to 4°C	1000	1 Liter Amber Glass 4 oz Glass Jar
VOLATILE ORGANICS (VOC/VOA)	EPA 8260 B	14 Days	(1) 100 ul $Na_2S_2O_3$, pH<2 (4 drops 1:1 HCl), No Headspace, Cool to 4°C	100	2 x 40 mL Glass vial
RADIOLOGICAL ANALYSES					
RADIOLOGICAL TESTS	EPA 9000 Series	6 Months	pH<2 (2 mL 1+1 HNO_3)	1000	Plastic
MICROBIOLOGY					
TOTAL COLIFORM BACTERIA	EPA 9131 EPA 9132	6 Hours	(1) 2.5 mL Sterile $Na_2S_2O_3$	125	Sterile Plastic

RCRA Section Notes:

RCRA Section Notes

(1) Only add sodium thiosulfate if the sample contains free or combined chlorine. $Na_2S_2O_3$ - Sodium thiosulfate solution at 3%.

(2) Sect.7.3.3.2 and Section 7.3.