Reference Guide to Current Preservation and Holding Time Requirements

General/Inorganic Chemistry

	Water	Water	Soil	Water	Soil
Analysis	**Container**	**Preservative (Chill to 4 deg. C)**	**Container (Chill to 4 deg. C)**	**Holding Time**	
Alkalinity	250 ml Plastic	Unpreserved	N/A	14 days	N/A
Ammonia	250 ml Plastic	0.25 ml H2SO4	4 oz. Jar	28 days	28 days
BOD	500 ml Plastic	Unpreserved	N/A	48 hr.	N/A
Boron	250 ml Plastic	Unpreserved	4 oz. Jar	28 days	28 days
Bromide	500 ml Plastic	Unpreserved	8 oz. Jar	28 days	28 days
Chloride	250 ml Plastic	Unpreserved	8 oz. Jar	28 days	28 days
COD	250 ml Plastic	0.25 ml H2SO4	4 oz.Jar	28 days	28 days
Color	250 ml Plastic	Unpreserved	N/A	48 ht.	N/A
Cyanide (Total and Amenable)	250 ml Plastic	2 ml 1,5 N NaOH	4 oz. Jar	14 days	Not Specified
Electrical Conductivity	250 ml Plastic	Unpreserved	4 oz. Jar	28 days	28 days
Fish Toxicity	5 x 1 Gal Plastic	Unpreserved	4 oz. Jar	48 hr.	Not Specified
Flashpoint	250 ml Amber Glass	Unpreserved	8 oz. Jar	28 days	28 days
Fluoride	250 ml Plastic	Unpreserved	4 oz. Jar	28 days	28 days
Formaldehyde	1 L Glass	1% Methanol	4 oz. Jar	28 days	28 days
General Minerals	2 x 1 L Plastic	Unpreserved			
Metals	500 ml Plastic	1 ml HNO3			
Gross Alpha/Beta	1 L Plastic	2 ml HNO3	4 oz. Jar	6 mo.	6 mo.
Hardness	250 ml Plastic	Unpreserved	N/A	28 days	N/A
Hexavalent Cr	500 ml Plastic	Unpreserved	4 oz. Jar	24 hr.	28 days
Iodide	250 ml Plastic	Unpreserved	4 oz. Jar	24 hr.	28 days
Nitrate and Nitrite	250 ml Plastic	0.25 ml H2SO4	4 oz. Jar	28 days	28 days
Nitrate or Nitrite	250 ml Plastic	Unpreserved	4 oz. Jar	48 hr.	28 days
Odor	250 ml Glass	Unpreserved	N/A	48 hr.	N/A
Oil & Grease	1 L Glass	2 ml H2SO4	4 oz. Jar	28 days	28 days
418.1	1 L Glass	2 ml H2SO4	4 oz. Jar	28 days	28 days