

Phase II/V Chemical Sampling Bottle Inventory

Last Updated: September 21, 2009

Bottle Size	Bottle Type	EPA Method	Analyte	Holding Time (Days)	Samples / Site	Dupes / Set	Blanks	Total Bottles	Preservative Already Added	Preservative Added Post Collection	Instructions	Refrigerate	Notes
8 oz	Amber BR	515.4	Herbicides	14	1	1	1	7	15 mg Sodium Sulfite		Leave head space without overflowing	Yes	Shake vigorously for 15 seconds after collection
40 ml	Amber Vial	531.1	Carbamates	14	2	1*	1	13	1.2 mL Buffer	3 drops of Sodium Thiosulfate	Leave head space without overflowing	Yes	
40 ml	Amber Vial	547	Glyphosate	14	2	1*	1	13	3 mg Sodium Thiosulfate		Leave head space without overflowing	Yes	
8 oz	Amber BR	548.1	Endothall	7	1	1	1	7	20 mg Sodium Thiosulfate		Leave head space without overflowing	Yes	Shake vigorously for 1 minute after collection
1 liter	Amber NM Nalge	549.2	Diquat	7	1	1	0	6	100 mg Sodium Thiosulfate	Adjust pH to <2 using 1:1 Sulfuric	Leave head space without overflowing	Yes	
1 liter	Amber BR	525.2	PAHs/SOCs	14	1	1	1	7	50 mg Sodium Thiosulfate	Adjust pH to <2 using HCl ²	Leave head space without overflowing	Yes	
40ml	Amber Vial	524.2	VOC's	14	2	0	2	12	25 mg Sodium Thiosulfate	Adjust pH to <2 using HCl ³	No air in sample allowed. Fill bottle and cap and combine	Yes	
40 ml	Amber Vial	504.1	EDBs	14	2	1*	1	13	3 mg Sodium Thiosulfate		No air in sample allowed. Fill bottle and cap and combine	Yes	
40 ml	Amber Vial	505	Pesticides / PCB's	7	2	1*	2	14	3 mg Sodium Thiosulfate		No air in sample allowed. Fill bottle and cap and combine	Yes	
8 oz	HDPE Cylinder	300	San Chem	14	1	0	0	5	None		Leave head space without overflowing	Yes	
1 liter	HDPE Cylinder	Metals	Metals	180	1	0	0	5	4 mL 1:1 Nitric Acid		Leave head space without overflowing	Not Required	
8 oz	HDPE Cylinder	300	Nitrates	28	1	0	0	5	1 mL 1:1 Sulfuric Acid		Leave head space without overflowing	Yes	
8 oz	HDPE Cylinder	Cyanide	Cyanide	14	1	0	0	5	1 mL 10N NaOH		Leave head space without overflowing	Yes	
1 liter	HDPE Cylinder	Radiological	Radiological	180	1	0	0	5	4 mL 1:1 Nitric Acid		Leave head space without overflowing	Not Required	
8 oz	HDPE Cylinder	300	Inorganic	14	1	0	0	5	None		Leave head space without overflowing	Yes	

* (2 bottles)

¹ Approximately 4 mL (80 drops)² Approximately 3 mL (60 drops)³ Approximately 8 drops