

Con-test Analytical Laboratory
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Easy Sampling Guide

*WATER SAMPLING



P=Plastic Am= Amber
 G=Glass V= Vials



*SAMPLING FOR METALS

WET CHEMISTRY SAMPLING

Containers for water samples that are unpreserved.

Alkalinity	100ml P/G	14 day holding time
BOD	1 liter P/G	48 hr holding time
Chloride	200 ml P/G	28 day holding time
Chlorine	100 ml P/G	analyze immediately
Color	100 ml P/G	48 hr holding time
Conductivity	100 ml P/G	28 day holding time
Corrosivity	100 ml P/G	24 hr holding time
Flouride	100 ml Plastic	28 day holding time
Hardness	100 ml P/G	6 mos. Holding time
Ignitability	flashpoint bottle	asap
Hex. Chrome	200 ml P/G	24 hr holding time
Nitrate	50 ml P/G	48 hr holding time
Odor	500 ml G only	analyze immediately
Orthophosphate	100 ml P/G	48 hr holding time
Dissolved O2	D.O. Bottle	analyze immediately
pH	30 ml P/G	analyze immediately
Reactivity(Total)	500 ml P/G	14 day holding time
Settleable solids	1 liter P/G	48 hr holding time
Total Solids	100 ml P/G	7 day holding time
TSS	100 ml P/G	7 day holding time
TDS	100 ml P/G	7 day holding time
TOX	flashpoint bottle	14 day holding time
Sulfate	250 ml P/G	28 day holding time
Sulfide	100 ml P/G	7 day holding time
Surfactants(mbas)	500 ml P/G	48 hr holding time
Turbidity	50 ml P/G	48 hr holding time

Water samples that are preserved with Sulfuric Acid

Ammonia	100 ml P/G	28 day holding time
COD	50 ml P/G	28 day holding time
TKN	200 ml P/G	28 day holding time
Nitrate	50 ml P/G	48 hrs holding time
Nitrate/Nitrite	100 ml P/G	28 day holding time
FOG	1 liter Glass	28 day holding time
TOC	25 ml P/G	28 day holding time
Total Phenols	500 ml Am G	28 day holding time
TPH-418.1	1-1 liter Am/G	14 day holding time
Phosphorous	100 ml P/G	28 day holding time

Bacteria sampling—Sterile Container

Total Coliform	125 ml P/G	24 hr holding time
Fecal Coliform	125 ml P/G	24 hr holding time
Std. Plate Count	125 ml P/G	24 hr holding time

Rcra8---500 ml plastic with Nitric Acid
 Each individual metal---250 ml P/G with Nitric Acid
 Dissolved metals---1 unpreserved liter plastic



**Remember ----
 you can combine
 your water
 parameters!!**

*Cyanide---Preservation—Sodium Hydroxide

Total Cyanide	500 ml P	14 day holding time
Amenable Cyanide	500 ml P	14 day holding time
Free Cyanide	250ml P	3 day holding time with no preservation

ORGANIC SAMPLING

Water samples that need Hydrochloric Acid

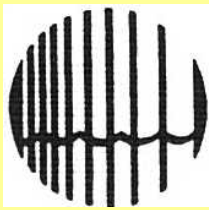
VOC (any)	(2)-40 ml vials	14 day holding time
*EPH	(2)-1 liter Am/G	14 day holding time
VPH	(2)-40 ml vials	14 day holding time
EDB—504	(2)-40 ml vials	14 day holding time
GRO	(2)-40 ml vials	14 day holding time

VOC's include, 601, 602, 624, 502, 504, 524.2, 8010, 8020, 8021, 8260
 Voc-8260/5035A—2-(40) ml vials unpreserved and/or 2-(40) ml vials with HCL

Water samples that do not need any preservative

SVOC-625, 8270-(2)-1 liter Am/G	7 day holding time
Pesticides	(2)-1 liter Am/G 7 day holding time
Herbicides	(2)-1 liter Am/G 7 day holding time
PCB	(1)-1 liter Am/G 7 day holding time
DRO	(1)-1 liter Am/G 7 day holding time
ETPH	(2)-1 liter Am/G 7 day holding time
TPH 8015/8100	(1)-1 liter Am/G 7 day holding time

*** Date Enhancement (MA) projects often require more sample volume. Contact client services at 413-525-2332 with bottle requests for these projects.**



con-test[®]
ANALYTICAL LABORATORY

*** SAMPLE CONTAINERS
FOR SOIL SAMPLING**

VOC 8260	4 oz jar	14 day holding time
VOC 8260/5035	1 methanol vial 2 sodium bisulfate vials 1 % solids container	
VOC 8260/5035A	1 methanol vial 2 non-preserved vials with stirbars-has to be Frozen within 48 hours of sampling time.	
VPH	1 methanol vial 1 % solids container	28 day holding time
EPH	1 8oz amber jar	7 day holding time
TPH (any)	50 grams	14 day holding time
SVOC	1--8oz jar	14 day holding time
PAH	1--8oz jar	14 day holding time
Pesticides	20 grams	14 day holding time
Herbicides	50 grams	14 day holding time
PCB	20 grams	14 day holding time
Cyanide	20 grams	N/A
Metals	1 - 4oz jar	6 months



Remember ---- you can combine a lot of these parameters into 1 or 2--- 8oz jars.....

Hazardous Waste Characterization—(2) 8OZ JARS

TCLP metals, Reactivity—Sulfide and Cyanide, PCBs, VOC, corrosivity, TPH, flashpoint.

More or less parameters depending on which waste facility you are using.

You will need (2)---8oz jars for this
For 5035 preservation, you will need One methanol and 2 Sodium bisulfate vials or 2 unpreserved vials with stirbars. (Required in the state of MA) You will also need an unpreserved sample container for % solids.

***Data Enhancement may require more sample volume. Please call client services with questions.
413-525-2332**

AIR QUALITY

AIR METHODS

APH	Summa Can	14 day holding time
TO-14	Summa Can	14 day holding time
TO-15	Summa Can	14 day holding time
Sulfur	Summa Can	48 Hr. holding time
TO-1	Carbotrap tubes	14 day holding time
TO-1	Tedlar bag	48 Hr. holding time
TO-2	Carbotrap tubes	14 day holding time
TO-2	Tedlar bag	48 Hr. holding time
TO-4	PUF Cartridge	14 day holding time
TO-13	PUF Cartridge	14 day holding time
TO-17	Carbotrap tubes	24 day holding time
25A	Summa Can	14 day holding time
3C	Summa Can	14 day holding time
PAMS	Summa Can	28 day holding time
Formaldehyde	Summa/Silco	3 day holding time



Paint Chips

- *50 grams---total pb
- *100 grams---tclp pb
- *No protocol for sampling containers.



Our complimentary courier service is available Monday thru Friday. We can pick up samples at your office OR at your site.

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