



IAQ Sample

Sample	Test Method	Code
Bulk	Mould identification to genus	BG
	Mould identification to genus with enumeration	BGE
	Total Coliforms/ <i>E. coli</i>	TC/EC
	Asbestos	ASB-B
Surface	Mould identification to genus - tape	TG
	Identification to genus - swab	SG
	Identification to species - swab	SS
	Identification to genus (with enumeration) - swab	SGE
	Identification to species (with enumeration) - swab	SSE
Air	Total Coliforms/ <i>E. coli</i> - swab	TC/EC
	Mould identification to genus (with enumeration), cultured	RG
	Mould identification to species (with enumeration), cultured	RS
	Classification to group (e.g. coliforms, Gram positives or Gram negatives)	RC
Water	Spore count with identification	AOC
	Asbestos	ASB-A
	Total Coliforms/ <i>E. coli</i>	TC/EC
	<i>Legionella</i>	LEG

For other tests not listed here, please contact Bonnie Huang at HydroQual (403-253-7121)

Sampling and Shipping Instructions (Supporting Work Instruction 4.3.1.4.1)

Containers

- liquids glass, polyethylene, or polypropylene container
amber glass bottle with teflon lined cap is preferred for small samples (<2L)
collapsible 6 and 20L carboys or plastic pails and gasket lined lids
- Solids glass, polyethylene, or polypropylene container (wide mouth)
polyethylene bags (6mL)
- air new Ziploc® bags for viable samples (RCS), spore traps, swab and tape samples on slides
new ziploc® bags or jars for bulk samples

Sampling

- liquids rinse three times with sample before filling (>5% of container volume for each rinse)
fill container to exclude air (minimal headspace) and seal with cap; cover cap with tape and initial
keep composited sample cool during collection (4 ± 1 °C)
fill and seal container
- solids follow manufacturers instructions for air sampling devices
- air take bulk samples with sterile cutting tool
take tape samples with 5 cm piece of clear tape, place on surface to be sampled, remove and
affix to clean slide (avoid creases)

Labelling

- all label sample container with type of sample (effluent, groundater, surface water, etc.), source,
date, time of collection, and name of sampler (s)
tape lids of containers and initial tape - fill out chain of custody and ship with sample

Transport

- samples should be transported in the dark, at 1-8°C. During the winter season, ship samples in
a heated truck, in order to keep them from freezing.

Our liability is limited to the cost of the test requested on the sample as received. No liability in whole or in part is assumed for the collection, handling or transport of the sample, application or interpretation of the test data or results in part or in whole.