

## Non-Volatiles Analysis in Water Samples SAMPLING INSTRUCTIONS

1. Bottles are provided by AEL. Clean, baked amber or clear borosilicate glass bottles are used for these tests. Preservative has been added at AE Labs. to each bottle prior to sampling.

<u>Analysis</u>	<u>Bottle Size</u>	<u>Preservative</u>	<u>Hold Time</u>
PESTICIDES	2 of 1L	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	14 days
PCBs	2 of 1L	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	14days
DIOXIN	2 of 1L	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	14days
TPH	1 of 250ml	HCl	7days
PAH	1 of 1L	HCl	7days
PPCP	2 of 1L Poly	none	14days
Algae Toxins	1 of 1L Poly	none	14days

2. Let the water of the sample source run at fast flow for 1-2 min to clear lines. Collect the sample directly from the source and not through any plastic or rubber hose or tubing.
3. On the sample cooler clearly identify:
  - i. Client name and address
  - ii. Sample site
  - iii. Sample date and time
4. At the slower water flow, fill up all sample bottles to the bottle neck.  
**!!DO NOT RINSE OUT PRESERVATIVE!!** Screw cap on firmly.
5. On the label-sticker on each bottle provide the information listed below:
  - a. Sample ID
  - b. Type of analysis required
  - c. Sampling Time
6. Fill out Chain of Custody (COC) provided specifying in it
  - a. Client name, address, telephone number and e-mail address
  - b. Sample matrix and sample IDs
  - c. Type of analysis required
  - d. Sampling date and time, other information required in COC
7. Store at 4°C until transported to lab. For PPCP or Algae Toxins analysis if required to store freeze the sample bottles in a freezer (Poly bottles).
8. **SHIP samples** overnight in a cooler with FROZEN ice packs to maintain the inside temperature at 4°C.
9. All samples should arrive at the lab within 48 hours of sampling.

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