

## **SAMPLING PROCEDURE FOR MPA**

Enclosed with this kit is a copy of the EPA's sampling requirements for the Microscopic Particulate Analysis. With the proper equipment, MPA sampling is very easy. Plan on dedicating at least 8.5 hours of filtering time for this project. Please keep in mind the following requirements:

1. A minimum of 500 gallons must run through the filter.
2. The pressure must be regulated at 10 psi.
3. The flow rate must be regulated at 1 gpm.
4. The filter must be received at the lab by Thursday.

When the filtration is completed, unscrew the filter housing and pour out all but 100-200mL of the water in the clear plastic housing. Put on a pair of the latex gloves provided. Carefully remove the filter from the filter bowl and place it into a Ziploc bag. Pour the 100-200mL remaining in the filter housing into the bag containing the filter and seal the bag. Please double bag the filter to prevent leakage. The filter should be kept cool (4 degrees Celsius) but not allowed to freeze. Frozen filters **CANNOT** be tested for MPA. The filter should be delivered to the laboratory within 48 hours after filtration. If you are not a local client, the filter should be shipped back overnight, whereas the sampling kit can be shipped back standard ground.

Remember to completely fill out the Analytical Laboratories Chain of Custody for MPA test (included with this kit).

Because these sampling kits are in high demand, we ask that you please return them within 90 days of receiving. Unfortunately, if the kit is not returned, you will be charged a "kit replacement" fee of \$500.

If you have any additional questions or concerns please do not hesitate to call me. Thank you for choosing Analytical Laboratories, Inc., for your testing needs.

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Raven Kelly  
Microbiologist  
Analytical Laboratories, Inc.