

**ENVIRONMENTAL LABORATORY APPROVAL PROGRAM
CERTIFICATION MANUAL**

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Environmental Analyses / Revision to Waterborne Asbestos Analysis	11/10/14	1 of 1	198.2

The EPA has promulgated a Maximum Contaminant Level (MCL) of 7 million fibers per liter (MFL). The Code of Federal Regulations (40 CFR 141) and NYS Subpart 5-1 lists the approved EPA methods for analyzing waterborne asbestos. They are as follows:

- Method 100.1, "Analytical Method for Determination of Asbestos Fibers in Water", EPA-600/4-83-043, September 1983.
- Method 100.2, "Determination of Asbestos Structures Over 10 μm in Length in Drinking Water", EPA/600/R-94/134, June 1994.

Method 100.2, a method for the analysis of only fibers longer than 10 μm is the required method for New York State. Listed below are ELAP-required modifications to Method 100.2, based on the method's section numbers.

Section 6.7 Ozone Generator

This generator and associated apparatus (Section 6.9) are option *only if* all samples are **not** filtered within 48 hours of collection.

Section 11.3 Diameter Glass Filtration System

The use of a vertical sided diameter (25 or 47 mm) glass filtration system is required.