



# EMSL Analytical, Inc.

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EMSL Order: 052000006

Customer ID: TMAS50A

Customer PO:

Project ID:

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**Received Date:** 01/02/2020 01:05 PM

**Analysis Date:** 01/02/2020

**Collected Date:** 01/02/2020

**Project:** BBOE-00187 / Bayone BOE / Nicholas Oresco School

## Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019

Sample	Location	Sample Date	Volume (L)	Fibers	Fields	LOD (fib/cc)	Fibers/mm <sup>2</sup>	Fibers/cc	Notes
010220 01	Ambient Exterior Near School Entrance Sign	01/02/2020	1208	5.5	100	0.002	7.01	0.002	
<i>052000006-0001</i>									
010220 02	Ambient Exterior Alley Church Site	01/02/2020	1208	<5.5	100	0.002	<7.01	<0.002	
<i>052000006-0002</i>									
010220 03	Ambient Main Roof; Exterior @ HVAC Unit Near Church Site	01/02/2020	1218	<5.5	100	0.002	<7.01	<0.002	
<i>052000006-0003</i>									
010220 04	Field Blank	01/02/2020		<5.5	100		<7.01		Field Blank
<i>052000006-0004</i>									
010220 05	Field Blank	01/02/2020		<5.5	100		<7.01		Field Blank
<i>052000006-0005</i>									

The results reported have been blank corrected as applicable.

Analyst(s):  
Kurt Carlson PCM 5

Chaiyut Sae Lao, Laboratory Manager  
or other Approved Signatory

Limit of detection is 7 fibers/mm<sup>2</sup>. Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm<sup>2</sup>) have greater than optimal variability and are probably biased. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for data reported that relies on information provided by the client, sample collection activities, or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Results have been blank corrected as applicable. The report reflects the samples as received. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Intra-laboratory Sr values: 5-20 fibers = 0.34, 21-50 fibers = 0.24, 51-100 fibers = 0.22. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.34. Samples analyzed by EMSL Analytical, Inc. Piscataway, NJ NYS ELAP 11423, NJ NELAC 12037, CT PH-0266

Initial report from: 01/03/2020 07:35 AM