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EMSL Order: 051906592

Customer ID: TMAS50

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Project ID:

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Received Date: 12/06/2019 01:06 PM
Analysis Date: 12/07/2019
Collected Date: 12/06/2019

Project: BB0E - 00187/Bayonne BOE, Nicholas Oresko Community School - Ambient Air Sampling

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 ²	Fibers/cc	Notes
12061901	Exterior Near School Entrance Sign Ambient	12/06/2019	1188	<5.5	100	0.002	<7.01	<0.002	
051906592-0001									
12061902	Exterior Alley Ambient Near Church Site Ambient	12/06/2019	1198	<5.5	100	0.002	<7.01	<0.002	
051906592-0002									
12061903	Main Roof; Exterior At HVAC Unit Near Church Site Ambient	12/06/2019	1198	<5.5	100	0.002	<7.01	<0.002	
051906592-0003									
12061904	Field Blank	12/06/2019		<5.5	100		<7.01		Field Blank
051906592-0004									
12061905	Field Blank	12/06/2019		<5.5	100		<7.01		Field Blank
051906592-0005									

The results reported have been blank corrected as applicable.

Analyst(s):
Matthew Morgan PCM 5

Chaoyut Sae Lao, Laboratory Manager
or other Approved Signatory

Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm²) 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: 12/07/2019 12:31 PM