

DATA QUALITY ASSURANCE REVIEW

SITE NAME West 26th Avenue Asbestos

WORK ORDER NUMBER 20510.012.001.0125.00 TDD NUMBER _____

TASK ORDER NUMBER 68HE0720F0147 SDG NUMBER 042304087

Weston Solutions, Inc. (WESTON®) has completed a QA review for Work Order Number 20510.012.001.0125.00; SDG No. 042304087; West 26th Avenue Asbestos. One air filter sample and five air filter blank samples were analyzed for asbestos by EMSL Analytical, Inc. The sample numbers are listed below.

SAMPLE NUMBERS

<u>W26-IN01</u>	<u>W26-FB01</u>	<u>W26-FB02</u>
<u>W26-MB01</u>	<u>W26-MB02</u>	<u>W26-MB03</u>
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This data package was validated to determine if Quality Control (QC) specifications were achieved, following USEPA PLM Validation Process Guidelines for Asbestos Data Review (October 2016), *Quality Assurance/Quality Control Guidance for Removal Activities* (April 1990), and the analytical method. All samples identified above were validated according to Stage 1 protocol. Specific data qualifications are listed in the following discussion.

REVIEWER Mark Woodke DATE February 22, 2023

The data quality assurance review of 1 air filter and 5 air filter blank samples collected from the West 26th Ave. Asbestos site in Anchorage, Alaska, has been completed. Phase Contrast Microscopy (PCM) (NIOSH Method 7400) asbestos analyses were performed by EMSL Analytical, Inc., Cinnaminson, New Jersey. All sample analyses were evaluated following EPA's Stage 1 Data Validation Manual Process (S1VM).

The samples were collected on February 14, 2023, and were analyzed by February 17, 2023. There were no asbestos detections in any sample. Reviewer's note: the results include a note that states "This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected." Five field blank samples were submitted with the field sample; none of the blanks had asbestos detections, therefore no blank corrections were required.

The reviewer used professional judgment to apply a single bias qualifier when more than one bias qualifier was applicable to an individual estimated sample result. Based upon the information provided, the data are acceptable for use with the above stated data qualifications.

Data Qualifier Definitions were supplied by the Office of Solid Waste and Emergency Response (September 1989) and are included in the Functional Guidelines. Data qualifiers may be combined (UJ, QJ) with the corresponding combination of meanings. Additional qualifiers may be added to provide additional, more specific information (JL, UB, QJK), modifying the meaning of the primary qualifier. Additional qualifiers utilized by WESTON are H, L, K, B, and Q. Reviewer's note: the only qualifier defined below is also the only qualifier utilized for these samples.

Data Qualifiers and Definitions

U - The material was analyzed for but was not detected. The associated numerical value is the sample quantitation or detection limit, which has been adjusted for sample weight/sample volume, extraction volume, percent solids, sample dilution or other analysis specific parameters.



EMSL Analytical, Inc.

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EMSL Order: 042304087

Customer ID: WSSW75

Customer PO:

Project ID:

Attention: Liza Sanden

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Received Date: 02/17/2023 09:30 AM

Analysis Date: 02/17/2023

Collected Date: 02/14/2023

Project: 10ZC/West 26th Ave Asbestos

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
W26-IN01 042304087-0001	Entryway	02/14/2023	373.1	<5.5	100	0.0072	<7.01	<0.0072	
W26-FB01 042304087-0002	Field Blank	02/14/2023	0	<5.5	100		<7.01		
W26-FB02 042304087-0003	Field Blank	02/14/2023	0	<5.5	100		<7.01		
W26-MB01 042304087-0004	Media Blank	02/14/2023	0	<5.5	100		<7.01		
W26-MB02 042304087-0005	Media Blank	02/14/2023	0	<5.5	100		<7.01		
W26-MB03 042304087-0006	Media Blank	02/14/2023	0	<5.5	100		<7.01		

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Analyst(s):

Amiri Lewis PCM 6

Samantha Rundstrom

Samantha Rundstrom, Laboratory Manager
or other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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 sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. 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. Field blank results, when available, are used to blank correct results. NIOSH 7400 requires field blanks be submitted at a rate of 10%, with a minimum of 2 per set. 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 = 0.45, 21-50 fibers = 0.27, 51-100 fibers = 0.18. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.35.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, AIHA LAP, LLC-IHLAP Accredited #100194, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 02/17/2023 06:57 PM

MW 2-22-23