

TITAN

ENVIRONMENTAL
SOLUTIONS

SEMI ANNUAL TEM ASBESTOS AMBIENT AIR SAMPLING REPORT

FOR SUBJECT PROPERTY LOCATED AT:

300 NORTH LOS ANGELES FEDERAL BUILDING
300 NORTH LOS ANGELES STREET
LOS ANGELES, CALIFORNIA 90012

PREPARED FOR:

UNITED STATES GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDING SERVICES – PACIFIC RIM
300 NORTH LOS ANGELES, SUITE #4300
LOS ANGELES, CALIFORNIA 90012

PREPARED BY:



TITAN ENVIRONMENTAL SOLUTIONS, INC.
1521 EAST ORANGETHORPE AVENUE, SUITE B
FULLERTON, CALIFORNIA 92831

PROJECT No. 110014-OT

ASSESSMENT DATE: JUNE 20-21, 2023
REPORT DATE: JULY 10, 2023

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1.0 EXECUTIVE SUMMARY

Titan Environmental Solutions, Inc. (TES) conducted semi-annual asbestos ambient air sampling at the 300 North Los Angeles Federal Building located at 300 North Los Angeles Street, Los Angeles, California 90012 (herein referred to as the "subject property") on June 20-21st, 2023 on behalf of the Public Building Services of the United States General Services Administration (GSA).

Ambient air samples were collected on floors 1-8 and the basement floor within the Subject Property. Air samples were collected in common areas, conference rooms, file rooms, mechanical hallways and in tenant occupied spaces throughout the building.

- TES collected a total of twenty-seven (27) air samples within the project area, supplemented by four (4) field blanks. The air samples and blanks were submitted to an accredited laboratory and analyzed by Transmission Electron Microscopy (TEM) in accordance with the Asbestos Hazards Emergency Response Act (AHERA) Protocol.
- TEM analysis of the air samples identified no asbestos structures present in the air samples collected in the project area.

Currently there are not any U.S. Environmental Protection Agency (USEPA) regulations for general ambient TEM area air sampling and therefore, there is not any regulatory thresholds for direct comparison of the airborne asbestos concentrations. The USEPA has established clearance asbestos concentration limits for area air sampling within regulated containment areas following asbestos abatement. For the purpose of this TEM ambient air assessment, TES compares the ambient air sample results to the EPA AHERA clearance limit of 70 structures per square millimeters (S/mm²).

2.0 INTRODUCTION

On June 20-21st, 2023, Titan Environmental Solutions, Inc. (TES) conducted Transmission Electron Microscopy (TEM) ambient asbestos air sampling throughout the 300 North Los Angeles Federal Building (GSA Building No. CA0159) located at 300 North Los Angeles Street, Los Angeles, California 90012.

The ambient asbestos air sampling was conducted by Marc Murrieta, California Division of Occupational Safety and Health (DOSH/Cal-OSHA) Certified Site Surveillance Technician (CSST No. 10-4694) and William McCubbin, DOSH CSST No. 21-6908, under the direction of Mr. Ibrahim M. Sobeih, DOSH/Cal-OSHA Certified Asbestos Consultant (CAC No. 06-4078) and Certified Industrial Hygienist by the American Board of Industrial Hygiene (ABIH Certificate No. 5628CP).

2.1 SCOPE OF WORK

As agreed upon with the Client, the scope of work consisted of the following:

- Conduct visual inspection of the project area to identify visible dust or debris on surfaces;
- Collect TEM asbestos ambient air samples from various areas throughout the Subject Property.



- Submit the asbestos air samples to an accredited laboratory for asbestos analysis; and
- Prepare a report summarizing the sampling activities and findings.

2.2 REGULATIONS, STANDARDS AND GUIDELINES

TES utilizes State-of-the-Art Industry Standards of Practices based on all pertinent government regulations and professional organizations standards and guidelines including, but not necessarily limited to, the following:

- U.S. Environmental Protection Agency (EPA):
 - National Emission Standards for Hazardous Air Pollutants (NESHAP) Regulations – 40 CFR, Part 61, Subpart M.
 - Asbestos Hazards Emergency Response Act (AHERA) Regulations – 40 CFR, Part 763, Subpart E, Appendix A.
- California Occupational Safety and Health Administration (Cal/OSHA): Asbestos Construction Standard – T8 CCR 1529.

2.3 ASBESTOS AIR SAMPLING METHOD

The asbestos air samples were collected in accordance with modified AHERA protocol as follows:

- The air samples were collected using a variable flow rate air suction pump calibrated to air flow rates of ~6.0 liters per minute (LPM) before and after the air sampling using a rotameter calibrated against a primary standard.
- The air samples were collected on 0.45µm pore size, 25 mm diameter mixed cellulose ester (MCE) membrane filters, within a black, anti-static, 2-inch open-faced filter holder.
- The air sample filter cassettes were connected to the air suction pumps using rubber tubing of sufficient length to place the filter cassettes at a breathing zone level positioned at 45° from the horizontal.
- Twenty-seven (27) air samples were collected within the project area for time durations of 240-263 minutes and air volumes of 1,380 – 1,494 liters, supplemented by four (4) blanks.

2.4 ANALYTICAL LABORATORY

The asbestos air samples were analyzed as follows:

- The air samples were submitted with proper Chain-of-Custody records to SGS Forensic Laboratories located in Downers Grove, Illinois.
- Air samples were analyzed using Transmission Electron Microscopy (TEM) in accordance with AHERA Protocol analysis.



- SGS Forensic Laboratories is accredited by the National Institute of Standard and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101732-0).

3.0 RESULTS AND DISCUSSION

3.1 VISUAL INSPECTION

The following observations were made during the asbestos hazard assessment:

- TES observed normal dust accumulation on the horizontal surfaces throughout the Subject Property.

3.2 AMBIENT AIR SAMPLES ANALYTICAL RESULTS AND DISCUSSION

TEM analytical results of air samples are presented in the following Table 4-1. The laboratory analytical report is included in Appendix A.

| Table 3-1: Asbestos Ambient Air Samples TEM Analytical Results | | | | |
|--|--|----------------|--------------------------|---------|
| Sample Number | Sample Location | Asbestos Types | Calculated Concentration | |
| | | | S/mm ² | S/cc |
| 0620-01 | Field Blank 1 | ND | | |
| 0620-02 | Field Blank 2 | ND | | |
| 0620-03 | 8 th Floor - Suite 8115: Center of Break Room | ND | <15.87 | <0.0043 |
| 0620-04 | 8 th Floor - Suite 8531: Gym near Treadmills | ND | <15.87 | <0.0043 |
| 0620-05 | 8 th Floor – Suite 8008: Copy/File Room | ND | <15.87 | <0.0045 |
| 0620-06 | 7 th Floor: Hallway across from Suite 7613 | ND | <15.87 | <0.0043 |
| 0620-07 | 7 th Floor: Hallway across from Suite 7554 | ND | <15.87 | <0.0043 |
| 0620-08 | 7 th Floor – Suite 7665: Hallway | ND | <15.87 | <0.0043 |
| 0620-09 | 6 th Floor – Suite 6213: Office 1 (6209) | ND | <15.87 | <0.0043 |
| 0620-10 | 6 th Floor – Suite 6060: Waiting Area | ND | <15.87 | <0.0042 |
| 0620-11 | 6 th Floor: Hallway adjacent to Suite 6570 | ND | <15.87 | <0.0043 |
| 0620-12 | 5 th Floor: Center of Fountain | ND | <15.87 | <0.0043 |
| 0620-13 | 5 th Floor – Suite 5127: Cubicle CA0150-5724 | ND | <15.87 | <0.004 |



| Table 3-1: Asbestos Ambient Air Samples TEM Analytical Results | | | | |
|--|--|----------------|--------------------------|---------|
| Sample Number | Sample Location | Asbestos Types | Calculated Concentration | |
| | | | S/mm ² | S/cc |
| 0620-14 | 5 th Floor: Water Fountain adjacent to Suite 5127 | ND | <15.87 | <0.0042 |
| 0620-15 | 4 th Floor: Hallway adjacent to Suite 4011 | ND | <15.87 | <0.0042 |
| 0620-16 | 4 th Floor: Hallway adjacent to Suite 4076 | ND | <15.87 | <0.0041 |
| 0620-17 | 4 th Floor: Conference Room | ND | <15.87 | <0.0041 |
| 0620-18 | 3 rd Floor – Suite 3114: Hallway | ND | <15.87 | <0.0042 |
| 0620-19 | 3 rd Floor: Elevator Lobby | ND | <15.87 | <0.0043 |
| 0620-20 | 3 rd Floor – Suite 3216: Hallway | ND | <15.87 | <0.0043 |
| 0620-21 | 2 nd Floor: Hallway adjacent to Suite 2310A | ND | <15.87 | <0.0043 |
| 0620-22 | 2 nd Floor – Suite 2347: Office | ND | <15.87 | <0.0043 |
| 0620-23 | 2 nd Floor – Suite 2067: Office 0010 | ND | <15.87 | <0.0043 |
| 0620-24 | 1 st Floor – Suite 1001: P.O. #1-22 | ND | <15.87 | <0.0039 |
| 0620-25 | 1 st Floor: Post Office | ND | <15.87 | <0.0043 |
| 0620-26 | 1 st Floor – Probation: Office 1363 | ND | <15.87 | <0.0043 |
| 0620-27 | Basement – B220: Hallway | ND | <15.87 | <0.0043 |
| 0620-28 | Basement: Hallway along Stairway 8 | ND | <15.87 | <0.0043 |
| 0620-29 | 4 th Floor – HUD: Conference Room #4154 | ND | <15.87 | <0.0043 |
| 0620-30 | Field Blank 3 | ND | | |
| 0620-31 | Field Blank 4 | ND | | |
| ND No asbestos detected | | | | |

Asbestos Structures were not detected in the air samples and blanks and estimated air samples concentrations were below the AHERA Criterion of 70 S/mm².



4.0 CONCLUSIONS

- TEM analysis of the air samples identified no asbestos present in the air samples collected in the project area.

5.0 CERTIFICATION

This ambient asbestos air sampling, including the preparation of this report, was conducted under the direction of Ibrahim M. Sobeih, California DOSH/Cal-OSHA Certified Asbestos Consultant (CAC No. 06-4078) and Certified Industrial Hygienist by the American Board of Industrial Hygiene (ABIH Certificate No. 5628CP).

Respectfully Submitted,
Titan Environmental Solutions, Inc.

Robert Menald, CAC
Project Manager

Ibrahim M. Sobeih, MS, MSPH, CIH, CAC
Director of Industrial Hygiene and Safety



6.0 LIMITATIONS

- This limited ambient asbestos air sampling was limited to the impacted areas within the subject property. All other area(s) within the subject property are excluded from this assessment.
- In accordance with the client specified scope of work, the limited ambient asbestos air sampling was limited to accessible building materials and areas at the subject property identified by the Client and due to the nature of the building being occupied at the time of the assessment, no destructive investigation was performed.
- This inspection covered only those areas, which were exposed and/or physically accessible to the inspector as outlined by the scope of work. The study is also limited to the information available from the client at the time it was conducted.
- Reasonable effort is made by TES personnel to locate and sample suspect asbestos contamination. However, for any building there is the possibility that various types of unique or concealed conditions may exist undetected. In addition, sampling and laboratory analyses constraints typically hinder the investigation. TES does not warrant, guarantee or profess to have the ability to locate or identify all asbestos in a building.
- Confined spaces and areas determined by TES personnel to be unsafe to access, are excluded from the scope of work.
- This Project was performed using, as a minimum, practices consistent with standards acceptable within the industry at this time, and a level of diligence typically exercised by industrial hygiene consultants performing similar services. The procedures used in this investigation attempt to establish a balance between the competing goals of limiting investigation and reporting costs and time, and reducing the uncertainty about unknown conditions. Therefore, because the findings of this report were derived from the scope, costs, time, and other limitations, the conclusions should not be construed as a guarantee that all environmental or occupational hazards have been identified and fully evaluated.
- The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence, condition and hazard potential of accessible and/or exposed suspect asbestos-containing building materials inside of the structure at the time of inspection. Test results are valid only for the material tested. There is a possibility that conditions may exist which could not be identified within the scope of the inspection or which were not apparent during the site visit.
- No other warranties are implied or expressed.
- TES is not, and has no responsibility as, a generator, operator, treater, storer, transporter or disposer of hazardous materials or waste found or identified as a result of TES work.
- TES does not guarantee or warrant that the subject property or workplace are safe, nor does TES involvement in this property relieve the Client, building owner/operator or tenant of any continuing responsibility of providing a safe property or workplace.
- This report was based on those conditions observed on the day(s) the field evaluation was accomplished. In the event that changes in the nature of the property have occurred, or



additional relevant information about the property is subsequently discovered, the findings and recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the conclusion of this report is modified and verified in writing.

- It is understood that this is a limited assessment and results are limited to the specific areas and materials sampled. This report is not valid for use outside of the specific areas identified by the Client or by individuals not associated with the currently planned work at the subject property.



APPENDICES



APPENDIX A

LABORATORY ANALYTICAL REPORT(S) AND CHAIN(S) OF CUSTODY

**ASBESTOS ANALYSIS REPORT
AHERA (METHOD 40 CFR Part 763)
Transmission Electron Microscopy**

Client: TITAN Environmental Solutions, Inc.
Contact: Tony Lam
Street: 1521 E. Orangethorpe Ave., Suite B
City/State/Zip: Fullerton, CA 92831

Page: 1/3
Client Number: L1630
Report Number: T036523
Date Received: 6/23/2023

Site: 300 North Los Angeles Federal Building
Location: 300 N. Los Angeles St., Los Angeles, CA 96012
P.O. #: 110014-OT
Date Collected: 6/20/2023

Analyst(s): K Buehler
Date Analyzed: 6/28/2023
Date Printed: 6/28/2023

ANALYTICAL RESULTS

| Client Sample Number | Lab Sample Number | Air Volume, Liters | Analytical Sensitivity, S/cc | # Asbestos Structures | | Asbestos Type(s) Detected* | Total Asbestos Concentration, | | Measurement of Uncertainty | |
|----------------------|-------------------|--------------------|------------------------------|-----------------------|-------|----------------------------|-------------------------------|-------------------|----------------------------|--------|
| | | | | ≤ 5µm | > 5µm | | S/cc | S/mm ² | LCL | UCL |
| 0620-01 | 94002167 | 0 | | | | NA | | | | |
| 0620-02 | 94002168 | 0 | | | | NA | | | | |
| 0620-03 | 94002169 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-04 | 94002170 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-05 | 94002171 | 1380 | 0.0044 | 0 | 0 | ND | <0.0045 | <15.87 | 0.0000 | 0.0163 |
| 0620-06 | 94002172 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-07 | 94002173 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-08 | 94002174 | 1452 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0155 |
| 0620-09 | 94002175 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-10 | 94002176 | 1458 | 0.0042 | 0 | 0 | ND | <0.0042 | <15.87 | 0.0000 | 0.0155 |
| 0620-11 | 94002177 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-12 | 94002178 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-13 | 94002179 | 1554 | 0.0039 | 0 | 0 | ND | <0.004 | <15.87 | 0.0000 | 0.0145 |
| 0620-14 | 94002180 | 1458 | 0.0042 | 0 | 0 | ND | <0.0042 | <15.87 | 0.0000 | 0.0155 |
| 0620-15 | 94002181 | 1488 | 0.0041 | 0 | 0 | ND | <0.0042 | <15.87 | 0.0000 | 0.0152 |

TEM: JEOL100 CXII

EDXA: Kevex/Noran 6

Mag: 20,000x

Karen Buehler, TEM Supervisor

*Asbestos Types; CH=chrysotile; AM=amosite; CR=crocidolite; TR=tremolite; AC=actinolite; AN=anthophyllite; ND=none detected; NA=not analyzed
OV=overloaded; BL=blank; PNA=prepped not analyzed

NOTE: sampling data used in this report was provided by the client as noted on the associated chain of custody form.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full with approval from SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. This report must not be used by the client to claim product endorsement by NVLAP or any U.S. government agency. SGSFL is unable to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of 30 days, according to all state and federal guidelines, unless otherwise specified.

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ANALYTICAL RESULTS

| Client Sample Number | Lab Sample Number | Air Volume, Liters | Analytical Sensitivity, S/cc | # Asbestos Structures | | Asbestos Type(s) Detected* | Total Asbestos Concentration, | | Measurement of Uncertainty | |
|----------------------|-------------------|--------------------|------------------------------|-----------------------|-------|----------------------------|-------------------------------|-------------------|----------------------------|--------|
| | | | | ≤ 5µm | > 5µm | | S/cc | S/mm ² | LCL | UCL |
| 0620-16 | 94002182 | 1494 | 0.0041 | 0 | 0 | ND | <0.0041 | <15.87 | 0.0000 | 0.0151 |
| 0620-17 | 94002183 | 1494 | 0.0041 | 0 | 0 | ND | <0.0041 | <15.87 | 0.0000 | 0.0151 |
| 0620-18 | 94002184 | 1470 | 0.0042 | 0 | 0 | ND | <0.0042 | <15.87 | 0.0000 | 0.0153 |
| 0620-19 | 94002185 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-20 | 94002186 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-21 | 94002187 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-22 | 94002188 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-23 | 94002189 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-24 | 94002190 | 1578 | 0.0039 | 0 | 0 | ND | <0.0039 | <15.87 | 0.0000 | 0.0143 |
| 0620-25 | 94002191 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-26 | 94002192 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-27 | 94002193 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-28 | 94002194 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-29 | 94002195 | 1440 | 0.0042 | 0 | 0 | ND | <0.0043 | <15.87 | 0.0000 | 0.0157 |
| 0620-30 | 94002196 | 0 | | | | NA | | | | |

TEM: 1/0/1900

EDXA: 0

Mag: 0

Karen Buehler, TEM Supervisor

*Asbestos Types; CH=chrysotile; AM=amosite; CR=crocidolite; TR=tremolite; AC=actinolite; AN=anthophyllite; ND=none detected; NA=not analyzed
OV=overloaded; BL=blank; PNA=prepped not analyzed

NOTE: sampling data used in this report was provided by the client as noted on the associated chain of custody form.

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Date Analyzed: 6/28/2023
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| ANALYTICAL RESULTS | | | | | | | | | | |
|----------------------|-------------------|--------------------|------------------------------|-----------------------|-------|----------------------------|-------------------------------|-------------------|----------------------------|-----|
| Client Sample Number | Lab Sample Number | Air Volume, Liters | Analytical Sensitivity, S/cc | # Asbestos Structures | | Asbestos Type(s) Detected* | Total Asbestos Concentration, | | Measurement of Uncertainty | |
| | | | | ≤ 5µm | > 5µm | | S/cc | S/mm ² | LCL | UCL |
| 0620-31 | 94002197 | 0 | | | | NA | | | | |

TEM: 1/0/1900

EDXA: 0

Mag: 0

Karen Buehler

Karen Buehler, TEM Supervisor

*Asbestos Types; CH=chrysotile; AM=amosite; CR=crocidolite; TR=tremolite; AC=actinolite; AN=anthophyllite; ND=none detected; NA=not analyzed
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Titan Environmental Solutions, Inc.

Asbestos Air Sampling Log

PCM NIOSH 7400 Method

TEM AHERA 40 CFR

Project Number: 110014-01
 Project Name: 300 NORTH LOS ANGELES FEDERAL Building
 Site Address: 300 N. LOS ANGELES STREET
 Microscope Number: NA LOS ANGELES CA
90012

Collection Date: 06-20-2023 / 06-21-2023
 Project Monitor: MURRIETTA / KELLUMS
 work area: THROUGH BUILDING
 Rotameter #: TR-195505-00

Date of Analysis: _____
 Analyst Signature: _____
 NIOSH 7400
 TEM AHERA

*** 5 DAY TAT ***

| Sample No. | Location or Sample Location | Sample Type (1-9) | Start Time (hh:mm) | Stop Time (hh:mm) | Time (Mins) [A] | Rotameter Flow Rate (LPM) | | | Volume (Liters) A * B = [C] | Total Count (F) | Total Fields* (Flds) | Result* (F/CC) |
|------------|--|-------------------|--------------------|-------------------|-----------------|---------------------------|-----|---------|-----------------------------|-----------------|----------------------|----------------|
| | | | | | | On | Off | Ave [B] | | | | |
| 0620-01 | Field Blank | | | | | | | | | | | |
| 0620-02 | Field Blank | | | | | | | | | | | |
| 0620-03 | Ambient Air @ 8th Floor within Suite 8115 Break Room in Center | 9 | 9:37 AM | 1:37 | 240 | 6.0 | 6.0 | 6.0 | 1440 L | | | |
| 0620-04 | Ambient Air @ 8th Floor within Suite 8531 Gym NEAR Treadmill | 9 | 9:45 AM | 1:45 | 240 | 6.0 | 6.0 | 6.0 | 1440 L | | | |
| 0620-05 | Ambient Air @ 8th Floor within Suite 8068 in Copy/Fin Room | 9 | 10:01 AM | 1:51 | 230 | 6.0 | 6.0 | 6.0 | 1380 L | | | |
| 0620-06 | Ambient Air @ 7th Floor access from 7613 NE Hallway | 9 | 10:08 AM | 1:08 | 240 | 6.0 | 6.0 | 6.0 | 1440 L | | | |
| 0620-07 | Ambient Air @ 7th Floor Hallway SW acc from 7554 | 9 | 10:14 AM | 1:14 | 240 | 6.0 | 6.0 | 6.0 | 1440 L | | | |
| | | | | | | | | | | | Pass / Fail | |

- Work Phase: 1) Area Background 2) Pre-Abatement/Prep 3) Asbestos Removal 4) Final Cleaning 5) Glove Bag Evolutions 6) Final Air Clearance 7) Personal Air Sample 8) Waste Load-Out 9) Other Associated Work

Relinquished By: [Signature]
 Relinquished by: B. Valentin 6/22/23
1:19 P.M.

Date: 06-21-2023

Received By: [Signature]
6/21/23 4:56 P.M.
 Received by: Kenneth Beasley
6-23-23 9:45 AM

Date: _____
 Page 1 of 5

Titan Environmental Solutions, Inc.

Asbestos Air Sampling Log

PCM NIOSH 7400 Method

TEM AHERA 40 CFR

| Sample # | Location or Sample Location | Sample Type (1-9) | Start Time (hh:mm) | Stop Time (hh:mm) | Time (Mins) [A] | Rotometer Flow Rate (LPM) | | | Volume (Liters) A * B = [C] | LOQ (2.7 / C) | Total Count (F/Flds) | Total Fields * (F/Flds) | Result * (F/CC) |
|----------|--|-------------------|--------------------|-------------------|-----------------|---------------------------|-----|---------|-----------------------------|---------------|----------------------|-------------------------|-----------------|
| | | | | | | On | Off | Ave [B] | | | | | |
| 0620-08 | AMBIANT AIR @ 7th Floor @ 5027 7665 (Hallway SE) | 9 | 10:18 AM | 1420 | 242 | 6.0 | 6.0 | 6.0 | 1452L | | | | |
| 0620-09 | AMBIANT AIR @ 6th Floor ST 6213 Office 1 (SE) (6209) | 9 | 10:21 AM | 1427 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-10 | AMBIANT AIR ST 6060 @ 6th Floor SW waiting area | 9 | 10:38 AM | 1439 | 243 | 6.0 | 6.0 | 6.0 | 1458L | | | | |
| 0620-11 | AMBIANT AIR @ 6th Floor SE Hall adjacent to St. 6570 | 9 | 10:45 AM | 1445 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-12 | AMBIANT AIR @ 5th Floor @ Fountain (center) | 9 | 11:05 | 1505 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-13 | AMBIANT AIR @ 5th Floor ST 5127 outside CA0150-5724 | 9 | 11:15 | 1534 | 259 | 6.0 | 6.0 | 6.0 | 1554L | | | | |

Pass:/Fail

Work Phase:

1) Area Background

3) Asbestos Removal

5) Glove Bag Evolutions

7) Personal Air Sample

9) Other Associated Work

2) Pre-Abatement Prep

4) Final Cleaning

6) Final Air Clearance

8) Waste Load-Out

Relinquished By:

B. Valerius 0122/23 119 FIE

Date: 06-21-2023

Received By:

B. Valerius 6/21/23
4:56 P10

Date:

Page 2 of 15

RECEIVED BY: *Karen Buckley*

6-23-23 - 9:14 AM

Titan Environmental Solutions, Inc.

Asbestos Air Sampling Log

PCM NIOSH 7400 Method

TEM AHERA 40 CFR

| Sample # | Location or Sample Location | Sample Type (1-9) | Start Time hh:mm | Stop Time hh:mm | Time (Mins) [A] | Rotometer Flow Rate (LPM) | | | Volume (Liters) A * B = [C] | LOQ (2.7 / C) | Total Count (F/Fids) | Total Fields * (F/Fids) | Result * (F/CC) |
|----------|---|-------------------|------------------|-----------------|-----------------|---------------------------|-----|---------|-----------------------------|---------------|----------------------|-------------------------|-----------------|
| | | | | | | On | Off | Ave [B] | | | | | |
| 0620-14 | Ambient Air @ 5th floor N. End @ Waterfn | 9 | 11:25 AM | 1:08 | 243 | 6.0 | 6.0 | 6.0 | 1456L | | | | |
| 0620-15 | Ambient Air @ 4th floor hallway adj to # 4011 | 9 | 11:32 AM | 1:40 | 248 | 6.0 | 6.0 | 6.0 | 1488L | | | | |
| 0620-16 | Ambient Air @ 4th floor S.W. Hall adj to 4276 | 9 | 11:37 AM | 1:48 | 249 | 6.0 | 6.0 | 6.0 | 1494L | | | | |
| 0620-17 | Ambient Air @ 4th floor Conf. Room | 9 | 11:41 AM | 1:50 | 249 | 6.0 | 6.0 | 6.0 | 1494L | | | | |
| 0620-18 | Ambient Air @ 3rd floor (S Hall) @ 3114 | 9 | 9:31 AM | 1:36 | 245 | 6.0 | 6.0 | 6.0 | 1470L | | | | |
| 0620-19 | Ambient Air @ 3rd Floor - ELEVATOR LOBBY (N) | 9 | 9:29 AM | 1:39 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| | | | | | | | | | | | | Pass/Fail | |

Work Phase: 1) Area Background 2) Pre-Abatement Prep 3) Asbestos Removal 4) Final Cleaning 5) Glove Bag Evolutions 6) Final Air Clearance 7) Personal Air Sample 8) Waste Load-Out 9) Other Associated Work

Relinquished By: [Signature]
 Relinquished by: B. Valencio 6/22/23
 1:19 P/E

Date: 06-21-2023

Received By: [Signature]
 6/21/23 4:56 P/O

Date: _____

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Received by: [Signature]
 4-23-23 9:50 AM

Titan Environmental Solutions, Inc.

Asbestos Air Sampling Log

PCM NIOSH 7400 Method

TEM AHERA 40 CFR

| Sample # | Location or Sample Location | Sample Type (1-9) | Start Time (hh:mm) | Stop Time (hh:mm) | Time (Mins) [A] | Rotometer Flow Rate (LPM) | | | Volume (Liters) A * B = [C] | LOQ (2.7 / C) | Total Count (F/Flds) | Total Fields * (F/Flds) | Result * (F/C) |
|----------|--|-------------------|--------------------|-------------------|-----------------|---------------------------|-----|---------|-----------------------------|---------------|----------------------|-------------------------|----------------|
| | | | | | | On | Off | Ave [B] | | | | | |
| 0620-20 | Ambient Air @ 2nd Floor E Hallway @ 3226 | 9 | 943 AM | 1343 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-21 | Ambient Air @ 2nd Floor qds to 200A NE Hallway | 9 | 952 AM | 1302 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-22 | Ambient Air @ 2nd Floor Ste 2067 SE office | 9 | 1002 AM | 1402 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-23 | Ambient Air @ 2nd Floor Ste 2067 office 0010 | 9 | 1010 AM | 1400 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |
| 0620-24 | Ambient Air @ 1st Floor St 1001 P.O # 1-22 | 9 | 1031 AM | 1403 | 263 | 6.0 | 6.0 | 6.0 | 1578L | | | | |
| 0620-25 | Ambient Air @ 1st Floor Post office NW corner | 9 | 1038 | 1438 | 240 | 6.0 | 6.0 | 6.0 | 1440L | | | | |

Pass/Fail

Work Phase: 1) Area Background 2) Pre-Abatement Prep 3) Asbestos Removal 4) Final Cleaning 5) Glove Bag Evolutions 6) Final Air Clearance 7) Personal Air Sample 8) Waste Load-Out 9) Other Associated Work

Relinquished By: *[Signature]*

Date: 06-21-2023

Received By: *B. Valencas*

Date: _____

Relinquished by: *B. Valencas 6/22/23 1:19 P.M.*

6/21/23 4:56 P.M.

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Received By: *Kelly Beal*
6-23-23 9:45 AM