LIMITED ASBESTOS AND LEAD-BASED PAINT XRF SURVEY REPORT

For:

COMPTON COMMUNITY COLLEGE MUSIC BUILDING/BUILDING Y – VAPA PROJECT
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

Presented To:

COMPTON COMMUNITY COLLEGE DISTRICT
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

Presented By:

BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N
Tustin, California 92780
Phone: 714-247-0024
Fax: 714-247-0025

Bainbridge Project #: 20057989.12 / 24129324.12
June 2, 2020 / Revised: December 9, 2024

June 2, 2020 / Revised: December 9, 2024

Ms. Linda Owens
Chief Facilities Officer
Compton Community College District
1111 East Artesia Boulevard
Compton, California 90221

BAINBRIDGE
Environmental Consultants

RE: Phase 1 – Limited Asbestos and Lead-Based Paint XRF Survey Report for Compton Community College - Music Building/Building Y - VAPA Project located at 1111 East Artesia Boulevard, Compton, California 90221.

Dear Ms. Owens:

At the request of Compton Community College District (CCCD), Bainbridge Environmental Consultants, Inc. (Bainbridge) conducted a limited asbestos and lead-based paint XRF survey for the VAPA Project at Compton Community College - Music Building/Building Y located at the above-mentioned address.

This document has been prepared for the sole use of Compton Community College District, their authorized agents, and any State, or local agencies involved in this project. No other party should rely on the information contained herein without prior written consent of Bainbridge.

Thank you for the opportunity to be of service. Please do not hesitate to call us with any questions. We look forward to assisting you in the future.

Sincerely,
Bainbridge Environmental Consultants, Inc.

Gage Thompson
Director of Operations
CAC # 19-6730

CERTIFIED ASBESTOS CONSULTANT
GAGE THOMPSON
C-19-6730
EXP. 1/15/26
ASBESTOS
STATE OF CALIFORNIA

Bainbridge Project #: 24129324.12

TABLE OF CONTENTS

Section

1.0 Asbestos Survey/Investigation

Marco Silva, DOSH Certified Site Surveillance Technician (CSST# 19-6694), under the supervision of Gage Thompson, DOSH Certified Asbestos Consultant (CAC) #19-6730 and Karlin Cisco, DOSH Certified Asbestos Consultant (CAC# 16-5626) of Bainbridge, performed the limited survey activities and collected the suspect asbestos-containing building material bulk samples for laboratory analysis as part of the VAPA Project for the Music Building/Building Y of Compton College located at 1111 East Artesia Boulevard, Compton, California 90221. The purpose of the survey was to identify any suspect asbestos-containing materials that are scheduled to be impacted or disturbed during an upcoming/scheduled VAPA project at the subject property. The original survey of the Music Building/Building Y was performed on the dates of May 11th, 12th, 13th & 14th, of 2020, with additional sampling conducted on the dates of November 25th – 27th, 2024, and consisted of a walk-through of the subject building and collection of suspect asbestos-containing materials. This report reviews and summarizes the findings outlined in the attached asbestos bulk sample log and laboratory analysis report.

During this inspection, several criteria including bulk sampling were used to properly assess areas investigated. Visual and tactile assessments of suspect asbestos-containing building materials provided the basis for these criteria and allowed the inspector to group the materials into homogenous areas.

Bainbridge conducted the limited asbestos bulk sampling of the subject building in compliance with the following Federal, State, and Local regulations:

Code of Federal Regulations (CFR):

- 40 CFR Part 763 - Asbestos Containing Materials In Schools.
- 29 CFR 1910.1001 - Occupational Exposure to Asbestos, Tremolite, Anthophyllite and Actinolite
- 29 CFR 1910.1101 - Asbestos
- 29 CFR 1910.1200 - Hazard Communication
- 29 CFR 1910.132 - General Requirements – Personal Protective Equipment
- 29 CFR 1910.134 - Respiratory Protection
- 29 CFR 1910.145 - Specifications for Accident Prevention, Signs and Tags
- 29 CFR 1910.1101 - Asbestos Standard for construction Industry
- 40 CFR 61 - Sub-part A General Conditions
- 40 CFR 61 - Sub-part M National Emission Standards for Asbestos
- 40 CFR 61.152 - Standard for Waste Disposal for Manufacturing, Demolition, Renovation, Spraying and Fabrication Operations.

U.S. Environmental Protection Agency (EPA):

- Publication No. 560/5-85-024 - Guidance for Controlling Asbestos-Containing Materials in Buildings.

Title 8 California Code of Regulations (CCR):

- Section 1529 - Asbestos
- Section 5208 - General Industry Safety Orders
- Section 5144 - Respirator Regulations

Southern California Air Quality Management (SCAQMD):

- Rule 1403- Asbestos Emissions from Demolition/Renovation Activities.

1.1 Asbestos Findings

A total of one-hundred sixty-nine (169) bulk samples were collected on the dates of May 11th, 12th, 13th & 14th, of 2020, for laboratory analysis. Some of those samples were separated [by the laboratory] by individual layers to determine a more accurate analysis. All samples collected were submitted under the chain of custody protocol to SGS Forensic Laboratories, located in Carson, California 90746 and transferred to SGS Forensic Laboratories, Inc., located in Las Vegas, Nevada 89119 for analysis. SGS Forensic Laboratories is certified with the NVLAP registration (code: 200908-0) and approved for asbestos bulk sample analysis in the states of California and Nevada.

On the dates of November 25th-27th, 2024, an additional twenty-two (22) bulk samples were collected for laboratory analysis. Some of those samples were separated [by the laboratory] by individual layers to determine a more accurate analysis, therefore a total of twenty-seven (27) bulk samples were analyzed. All samples collected were submitted under the chain of custody protocol to LA Testing, located at 5431 Industrial Drive, Huntington Beach, CA 92649, Phone: (714) 828-4999 for analysis. LA Testing is certified with the NVLAP registration (code: 101384-0) and approved for asbestos bulk sample analysis in the states of California.

The sample analysis was performed by EPA Polarized Light Microscopy (PLM) coupled with dispersion staining, method 600/R-93/116, July 1993. All PLM analyses are derived from a calibrated visual estimate unless otherwise noted.

The following materials were determined to contain asbestos greater than one-tenth of 1% (ACM >.1%)

MUSIC BUILDING/BUILDING Y:

Sample No.	Sample Location	Sample Description/Color	Material Location	Approx. Quantity	Laboratory Results
50	Room 82	Fire Rated Door/White	Fire Rated Doors throughout Building Y	280 Sq. Ft.	60% Chrysotile
51	Room 82	Fire Rated Door/White	See Above	Included Above	60% Chrysotile
52	Room 99A	Fire Rated Door/White	See Above	Included Above	60% Chrysotile
59	Classroom – Ceiling	Pinhole Ceiling Tile 12” x 12” w/ Mastic / Yellow	Pinhole Ceiling Tile 12” x 12” w/Mastic throughout Classroom	430 Sq. Ft.	Trace* (<1% Anthophyllite)
60	Classroom – Ceiling	Pinhole Ceiling Tile 12” x 12” w/ Mastic / Yellow	See Above	Included Above	Trace* (<1% Anthophyllite)
61	Classroom – Ceiling	Pinhole Ceiling Tile 12” x 12” w/ Mastic / Yellow	See Above	Included Above	Trace* (<1% Anthophyllite)
76	Room 82 – North	12”x 12” Ceiling Tile w/ Mastic / White	12” x 12” Ceiling Tile w/ Mastic throughout Building Y	250 Sq. Ft.	Trace* (<1% Anthophyllite)
77	Room 88 – Ceiling	12”x 12” Ceiling Tile w/ Mastic / White	See Above	800 Sq. Ft.	Trace* (<1% Anthophyllite)

MUSIC BUILDING/BUILDING Y (Continued):

Sample No.	Sample Location	Sample Description/Color	Material Location	Approx. Quantity	Laboratory Results
78	Room 89 – Ceiling	12"x 12" Ceiling Tile w/ Mastic / White	See Above	Included Above	Trace* (<1% Anthophyllite)
79	Room 90 – Ceiling	12"x 12" Ceiling Tile w/ Mastic / White	See Above	Included Above	Trace* (<1% Anthophyllite)
80	Work Room – Ceiling	2' x 2' Ceiling Tile w/ Mastic / White	2' x 2' Ceiling Tile w/ Mastic throughout Building Y	2,100 Sq. Ft.	Trace* (<1% Anthophyllite)
81	Room 82 – Ceiling	2' x 2' Ceiling Tile w/ Mastic / White	See Above	Included Above	Trace* (<1% Anthophyllite)
82	Office A - Ceiling	2' x 2' Ceiling Tile w/ Mastic / White	See Above	Included Above	Trace* (<1% Anthophyllite)
86	Room 82 - South	Pinhole Transite Panel / White	Pinhole Transite Panels throughout Building Y	1,000 Sq. Ft.	20% Chrysotile
87	Room 90 – East	Pinhole Transite Panel / White	See Above	Included Above	20% Chrysotile
88	Room 89 – North	Pinhole Transite Panel / White	See Above	Included Above	20% Chrysotile
104	Office A – Center	9" x 9" Floor Tile w/ Mastic / Brown	9" x 9" Floor Tile w/ Mastic throughout Office A	300 Sq. Ft.	3% Chrysotile (Brown Tile) 3% Chrysotile (Black Mastic)
105	Office A – North	9" x 9" Floor Tile w/ Mastic / Brown	See Above	Included Above	3% Chrysotile (Brown Tile) 3% Chrysotile (Black Mastic)
106	Office A – South	9" x 9" Floor Tile w/ Mastic / Brown	See Above	Included Above	3% Chrysotile (Brown Tile) 3% Chrysotile (Black Mastic)
131	Room 82 - North	Chalkboard Mastic / Brown	Chalkboards throughout Room 82	30 Sq. Ft.	3% Chrysotile
132	Room 82 - North	Chalkboard Mastic / Brown	See Above	Included Above	3% Chrysotile
133	Room 82 - North	Chalkboard Mastic / Brown	See Above	Included Above	3% Chrysotile
154	Men's Restroom 2 – East Wall	Smooth Plaster / White	Smooth Plaster throughout Restrooms	3,600 Sq. Ft.	Trace* (<1% Chrysotile)
7 (2024)	Room 88	Transite Panel / White	Transite Panel throughout Building Y	1,000 Sq. Ft.	12% Chrysotile
8 (2024)	Room 88	Transite Panel / White	See Above	Included Above	12% Chrysotile
9 (2024)	Room 89	Transite Panel / White	See Above	Included Above	12% Chrysotile

***"I Gage Thompson, CAC #19-6730, assume that the above-mentioned <1% materials found at the site to be ACM subject to Rule 1403."**

Survey Field Notes:

- Bainbridge was not provided access to the classrooms in the back of the Building, adjacent to the Restrooms, at the time of the survey.

In the event that other materials are found to be similar or homogenous to the materials sampled, those similar or homogenous materials will be considered asbestos-containing materials. Prior to bid, contractor is responsible for field verification of these materials, their quantities and measurements.

In the event that other suspect building materials (not included in this survey report) are discovered and have the potential to be impacted or disturbed during construction, renovation and/or demolition activities: those suspect building materials will be considered asbestos-containing materials. In this event, a California State Certified Asbestos Consultant shall be retained to sample/test those materials to determine their asbestos content prior to authorization of additional abatement work.

Federal regulations define asbestos-containing material (ACM) as any material that contains more than one percent (>1%) asbestos. State Cal/OSHA-California Labor Code, Section 6501.8 defines “asbestos containing construction material (ACCM)” as any manufactured construction material that contains more than one tenth of one percent (>0.1%) asbestos by weight.

1.2 Asbestos Recommendations

Based on the available information gathered during the performance of this survey and its conclusions, Bainbridge recommends the following:

- Identified asbestos-containing materials must be removed prior to any scheduled renovation or demolition activities in adherence with South Coast Air Quality Management District (SCAQMD) regulations (Rule 1403).

- Bainbridge recommends the preparation of project specifications for the removal of identified asbestos-containing materials and/or Cal/OSHA regulated asbestos- containing construction materials (samples greater than .1% asbestos), as necessary. A State of California Certified Asbestos Consultant should be retained to properly document, inspect, and monitor the removal of any identified and/or assumed asbestos-containing materials. This is to ensure adherence to applicable State and Federal regulations and for the safety of building occupants in the vicinity of the abatement areas.

- Bainbridge recommends that a Cal/OSHA registered and state licensed abatement contracting company perform the abatement of the above-mentioned asbestos-containing materials. Any asbestos related work must be conducted in accordance with all applicable Federal, State, and local regulations. Firms performing the asbestos-related work must follow proper engineering practices and must use state-of-the-art techniques whenever possible.

1.3 Disclaimer and Limitations for Asbestos Related Projects

This document is prepared for the sole use of the CCCD and its authorized representatives and any agencies directly involved in this project. No other party should rely on the information contained herein without prior written consent of Bainbridge.

The information in this report or portions thereof may be required to be included in notifications to employees, contractors or other visitors to the building(s). The CCCD or its agents shall not use this report as a specification or work plan for any of the work suggested or recommended in the report.

This report is based upon conditions and practices observed at the property and information made available to Bainbridge. This report does not identify all hazards or unsafe practices, nor does it indicate that other hazards or unsafe practices exist at the premises.

The conclusions and summary presented in this report are based on a review of pertinent regulations, and guidelines or requirements commonly followed by industry standards, data collected during the site inspection, and information provided by the CCCD, their clients, agents, and representatives.

The work has been conducted in an objective and unbiased manner and in accordance with generally accepted professional practice for this type of work. Bainbridge believes the data and analysis to be accurate and relevant, but cannot accept responsibility for the accuracy or completeness of available documentation or possible withholding of information by other parties.

Any observations of asbestos containing materials represent the conditions at the specified locations and times of the site inspection survey only. The selection of sample areas was limited to accessible areas of the property.

2.0 Lead-Based Paint XRF Testing of Painted Surfaces

Marco Silva, DOSH Certified Site Surveillance Technician (CSST) # 19-6694/CDPH Sampling Technician 00006351, under the direction of Gage Thompson, DOSH Certified Asbestos Consultant (CAC) # 19-6730/CDPH Lead-Related Construction-Inspector/Assessor LRC # 00002718, of Bainbridge, performed the limited survey activities and collected the lead-based paint XRF readings at Compton Community College - Music Building/Building Y located at 1111 East Artesia Boulevard, Compton, California, California 90221. The purpose of the survey was to identify any suspect lead-containing building materials that are scheduled to be impacted or disturbed during an upcoming/scheduled demolition project at the subject building. The original survey of the Music Building/Building Y was performed on the date of May 14, 2020, with additional testing performed on November 27th, 2024.

Bainbridge conducted the limited lead-based paint XRF survey of the subject building in compliance with the following Federal, State, and Local regulations:

- 24 CFR Part 35.80-35.98 and 35.3120(b) – U.S. Department of Housing and Urban Development (HUD)
- Toxic Substances Control Act (TOSCA) Section 406
- 40 CFR 745.103 – Environmental Protection Agency (EPA)
- Title 17 Section 35000 – Code of California Regulations
- Cal/OSHA Title 8 Section 1532.1 – California Occupational Safety and Health Administration
- Cal/OSHA Title 8 Section 5194 – California Occupational Safety and Health Administration

In compliance with Title 17, CCR, Division 1, Chapter 8 and 24 CFR Subtitle A, Part 35.125, Bainbridge filed the 8552 form as required to notify the California Department of Health Services the findings of the lead inspection/assessment conducted on the site.

Currently, the State of California, the U.S Department of Housing and Urban Development (HUD), and the Environmental Protection Agency (EPA) define lead-based paint as paint or other surface coating with lead content equal to or greater than 1.0 milligram per square centimeter (mg/cm^2), 0.5% by weight and/or 5,000 parts per million lead on the surface area. However, The County of Los Angeles Department of Health Services (DHS) defines Lead- Based Paint as any paint or surface coating with concentrations of lead at or above 0.7 milligram per square centimeter (mg/cm^2). Based on the location of the subject property in Los Angeles County the “abatement level” (threshold) setting of 0.7 mg/cm^2 was chosen for this inspection.

XRF Paint Readings: XRF measurements were collected. Bainbridge conducted the survey using a Viken XL 309 Spectrum Analyzer, X-ray Fluorescence (XRF) detector. All survey activities and XRF measurements were performed in accordance with the United States Department of Housing and Urban Development’s guidance document, entitled “Guidelines for the Evaluation and Control of Lead-based Paint Hazards in Housing: Chapter 7 Lead-based paint inspection”.

2.1 Lead-Based Paint Findings

XRF Testing: Of the one hundred and seven (107) total XRF readings collected from Music Building/Building Y, lead-based paint was detected in thirteen (13) of the readings at or above 0.7 milligram per square centimeter (mg/cm^2). The field data and results of XRF testing are included in Appendix B of this report.

The XRF Lead Sampling Logs are provided as an attachment to this survey/inspection report. These logs tabulate each individual test, sample taken throughout the subject buildings and describes the test location, the component to which the paint is applied, condition, color and lead content in milligrams per square centimeter and the result.

The following lead-containing building materials were identified:

MUSIC BUILDING/BUILDING Y:

Area	Component	Wall/ Side	Substrate	Condition	Color	Results mg/cm^2	Approx. Quantity
Room 82	Fire Door Frame	B	Wood	Intact	Gray	1.3	400 Sq. Ft.
Room 91	Door Frame	B	Wood	Intact	Gray	1.6	Included Above
Exterior	Support Column	C	Metal	Intact	Gray	1.2	500 Sq. Ft.
Exterior	Support Column	D	Metal	Intact	Gray	1.2	Included Above
Exterior	Support Column	A	Metal	Intact	Gray	1.2	Included Above
Exterior	Support Column	B	Metal	Intact	Gray	1.0	Included Above
Exterior	Seating Bench	A	Metal	Intact	Gray	0.7	50 Sq. Ft.
Room 94	Louver	A	Metal	Intact	Gray	3.5	15 Sq. Ft.
Roof Access Room	Louver	D	Metal	Intact	Gray	8.9	Included Above
Men's Restroom	Wall Tile	C	Concrete	Intact	Blue/ Green	17.5	100 Sq. Ft.
Exterior Portico	Portico	A	Metal	Intact	Red	1.2	3,300 Sq. ft.
Exterior Portico	Portico	B	Metal	Intact	Red	2.7	Included Above
Exterior Portico	Support Column	A	Metal	Intact	Gray	1.0	280 Lin. Ft.

In the event that other materials are found to be similar or homogenous to the materials sampled, those similar or homogenous materials will be considered lead-containing materials. Prior to bid, contractor is responsible for field verification of those materials, their quantities and measurements.

In the event that other suspect building materials (not included in this survey report) are discovered and have the potential to be impacted or disturbed during construction, renovation and/or demolition activities: those suspect building materials will be considered lead-containing materials. In this event, a California State Inspector/Assessor shall be retained to sample/test those materials to determine their lead content prior to authorization of additional abatement work.

2.2 Lead-Based Paint Recommendations

Based on the available information gathered during the performance of this survey and its conclusions, Bainbridge makes recommends the following:

- The removal of the identified lead-based paint components from the subject building prior to any renovation or demolition activities. Bainbridge recommends the utilization of a state licensed lead abatement contracting company to remove, transport and dispose of the identified lead-containing waste in according to applicable Federal and State regulations.

- All construction work that affects lead containing components and materials should be conducted in accordance with Cal/OSHA Construction Safety Order Lead (i.e. CCR, Title 8, Section 1532.1 Lead and OSHA CFR 29 CFR 1926.62 – Lead).

2.3 Disclaimer and Limitations for Lead-Based Paint and Components

This document is prepared for the sole use of the CCCD and its authorized representatives and any agencies directly involved in this project. No other party should rely on the information contained herein without prior written consent of Bainbridge.

The information in this report or portions thereof may be required to be included in notifications to employees, contractors or other visitors to the building(s). CCCD or its agents shall not use this report as a project specification or work plan for any of the work suggested or recommended in the report.

This report is based upon conditions and practices observed at the property and information made available to Bainbridge. This report does not identify all hazards or unsafe practices, nor does it indicate that other hazards or unsafe practices exist at the premises.

This inspection and assessment was planned, developed, and patterned after *HUD Guidelines Chapter 7 Lead-based paint inspection*. Bainbridge utilized state-of-the-art practices and techniques in accordance with regulatory standards while performing this inspection. Bainbridge's evaluation of the relative risk of exposure to lead identified during this inspection is based on conditions observed at the time of the inspection.

Bainbridge cannot be responsible for changing conditions that may alter the relative exposure risk or for future changes in accepted methodology.

The conclusions and summary presented in this report are based on a review of pertinent regulations, and guidelines or requirements commonly followed by industry standards, data collected during the site inspection, and information provided by CCCD, their clients, agents, and representatives.

The work has been conducted in an objective and unbiased manner and in accordance with generally accepted professional practice for this type of work. Bainbridge believes the data and analysis to be accurate and relevant, but cannot accept responsibility for the accuracy or completeness of available documentation or possible withholding of information by other parties.

Any observations of lead-based paint and lead containing materials represent the conditions at the specified locations and times of the site inspection survey only. The selection of sample areas was limited to accessible areas of the property.

APPENDIX A

ASBESTOS FIELD DATA & LABORATORY RESULTS

ASBESTOS BULK SAMPLE LOG

Client: Compton Community College District
Project Name: Compton Community College – Music Building/Building Y
Address: 1111 E. Artesia Boulevard, Compton, CA 90221

Bainbridge Project #: 20057989.12
Inspector/Sampler: Marco Silva and Bradley Crouse
Date Sampled: 05/11/20 - 5/14/2020

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
1.	Roof – Center	Rolled Roofing	Black	Good	Non-Friable	Rolled Roofing throughout Building Y Mid-Roof	13,800 Sq. Ft.	None Detected
2.	Roof – West	Rolled Roofing	Black	Good	Non-Friable	See Above	Included Above	None Detected
3.	Roof – East	Rolled Roofing	Black	Good	Non-Friable	See Above	Included Above	None Detected
4.	Roof – South	Rolled Roofing	Black	Good	Non-Friable	Rolled Roofing throughout High-Roof	Included Above	None Detected
5.	Roof – North	Rolled Roofing	Black	Good	Non-Friable	Rolled Roofing throughout Lower-Roof	Included Above	None Detected
6.	Roof – South	Parapet Wall	Black	Good	Non-Friable	Parapet Wall throughout Mid-Roof	700 Sq. Ft.	None Detected
7.	Roof – West	Parapet Wall	Black	Good	Non-Friable	Parapet Wall throughout Mid-Roof	Included Above	None Detected
8.	Roof – East	Parapet Wall	Black	Good	Non-Friable	See Above	Included Above	None Detected
9.	Roof – South	Parapet Wall	Black	Good	Non-Friable	Parapet Wall throughout High Roof	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE
Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
10.	Roof – North	Parapet Wall	Black	Good	Non-Friable	Parapet Wall throughout Lower-Roof	Included Above	None Detected
11.	Roof - West	Curb Mastic	Black	Good	Non-Friable	Curb Mastic throughout Mid-Roof	50 Sq. Ft.	None Detected
12.	Roof - South	Curb Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
13.	Roof – East	Curb Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
14.	Roof - West	Pipe Penetration Mastic	Black	Good	Non-Friable	Pipe Penetration Mastic throughout Mid-Roof	18 Sq. Ft.	None Detected
15.	Roof – South	Pipe Penetration Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
16.	Roof – East	Pipe Penetration Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
17.	Roof – North	Fascia Cap Mastic	Black	Good	Non-Friable	Pipe Penetration Mastic throughout Roof	20 Sq. Ft.	None Detected
18.	Roof – South	Fascia Cap Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
19.	Roof – West	Fascia Cap Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
20.	Roof – North	Gravel Roofing	White	Good	Non-Friable	See Above	1,425 Sq. Ft.	None Detected
21.	Roof – North	Gravel Roofing	White	Good	Non-Friable	See Above	Included Above	None Detected
22.	Roof – North	Gravel Roofing	White	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
23.	Building Y – Exterior	Stucco – Exterior West	White/ Gray	Good	Non-Friable	Exterior Stucco throughout Building Y	10,000 Sq. Ft.	None Detected
24.	Building Y – Exterior	Stucco – Exterior East	White/ Gray	Good	Non-Friable	See Above	Included Above	None Detected
25.	Building Y – Exterior	Stucco – Exterior South	White/ Gray	Good	Non-Friable	See Above	Included Above	None Detected
26.	Building Y – Exterior	Stucco – South Interior	White/ Gray	Good	Non-Friable	See Above	Included Above	None Detected
27.	Exterior of Building – Center	Concrete Pavement	Gray	Good	Non-Friable	Concrete Pavemenet throughout Building Y	1,500 Sq. Ft.	None Detected
28.	Exterior of Building – Center	Concrete Pavement	Gray	Good	Non-Friable	See Above	Included Above	None Detected
29.	Exterior of Building – Center	Concrete Pavement	Gray	Good	Non-Friable	See Above	Included Above	None Detected
30.	Exterior of Building – Center	Concrete	Red	Good	Non-Friable	Exterior Concrete throughout Building Y	50 Sq. Ft.	None Detected
31.	Exterior of Building – Center	Concrete	Green	Good	Non-Friable	See Above	Included Above	None Detected
32.	Exterior of Building – Center	Concrete	Green	Good	Non-Friable	See Above	Included Above	None Detected
33.	Exterior of Building – Center	Decorative Gravel	Gray	Good	Non-Friable	Exterior Decrative Gravel throughout Building Y	1,200 Sq. Ft.	None Detected
34.	Exterior of Building – Center	Decorative Gravel	Gray	Good	Non-Friable	See Above	Included Above	None Detected
35.	Exterior of Building – Center	Decorative Gravel	Gray	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
36.	Storage Room	Stucco	Gray	Good	Non-Friable	Stucco throughout Storage Room	300 Sq. Ft.	None Detected
37.	Storage Room	Stucco	Gray	Good	Non-Friable	See Above	Included Above	None Detected
38.	Storage Room	Stucco	Gray	Good	Non-Friable	See Above	Included Above	None Detected
39.	Storage Room Floor	Concrete	Gray	Good	Non-Friable	Concrete Flooring throughout Storage Room	300 Sq. Ft.	None Detected
40.	Storage Room Floor	Concrete	Gray	Good	Non-Friable	See Above	Included Above	None Detected
41.	Storage Room Floor	Concrete	Gray	Good	Non-Friable	See Above	Included Above	None Detected
42.	Room 99 – Exterior	Brick and Mortar	Orange	Good	Non-Friable	Brick & Mortar throughout Exterior	600 Sq. Ft.	None Detected
43.	Room 99 – Exterior	Brick and Mortar	Orange	Good	Non-Friable	See Above	Included Above	None Detected
44.	Room 99 – Exterior	Brick and Mortar	Orange	Good	Non-Friable	See Above	Included Above	None Detected
45.	Classroom – adjacent to Men's & Women's Restrooms	Window Putty	Gray	Good	Non-Friable	Window Putty throughout Building Y	550 Sq. Ft.	None Detected
46.	Classroom – adjacent to Men's & Women's Restrooms	Window Putty	Gray	Good	Non-Friable	See Above	Included Above	None Detected
47.	Classroom – adjacent to Men's & Women's Restrooms	Window Putty	Gray	Good	Non-Friable	See Above	Included Above	None Detected
48.	Room 99A – North	Window Putty	Gray	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
49.	Room 99A – North	Window Putty	Gray	Good	Non-Friable	See Above	Included Above	None Detected
50.	**Room 82**	**Fire Rated Door**	**White**	**Good**	**Friable**	**Fire Rated Doors throughout Building Y**	**280 Sq. Ft.**	**60% Chrysotile**
51.	**Room 82**	**Fire Rated Door**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**60% Chrysotile**
52.	**Room99A**	**Fire Rated Door**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**60% Chrysotile**
53.	Room 98 – East Soffit	Drywall w/ Joint Compound	White	Good	Non-Friable	Drywall w/Joint Compound throughout Room 98	400 Sq. Ft.	None Detected
54.	Room 98 – Ceiling	Drywall w/ Joint Compound	White	Good	Non-Friable	See Above	Included Above	None Detected
55.	Room 99A – North Wall	Drywall w/ Joint Compound & Baseboard w/ Mastic	White	Good	Non-Friable	Drywall w/Joint Compound throughout Room 99A	2,100 Sq. Ft. (Drywall) 120 Sq. Ft. (Baseboard)	None Detected
56.	Room 99A – East Wall	Drywall w/ Joint Compound &Baseboard w/ Mastic	White	Good	Non-Friable	See Above	Included Above	None Detected
57.	Room 99A – South Wall	Drywall w/ Joint Compound &Baseboard w/ Mastic	White	Good	Non-Friable	See Above	Included Above	None Detected
58.	Men's Restroom – Ceiling	Drywall w/ Joint Compound	White	Good	Non-Friable	Drywall w/ Joint Compound throughout Men's Restroom Ceiling	370 Sq. Ft.	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
59.	**Classroom – Ceiling**	**Pinhole Ceiling Tile 12" x 12" w/ Mastic**	**Yellow**	**Good**	**Friable**	**Pinhole Ceiling Tile 12" x 12" w/ Mastic throughout Classroom**	**430 Sq. Ft.**	**Trace (<1% Anthophyllite)**
60.	**Classroom – Ceiling**	**Pinhole Ceiling Tile 12" x 12" w/ Mastic**	**Yellow**	**Good**	**Friable**	**See Above**	**Included Above**	**Trace (<1% Anthophyllite)**
61.	**Classroom – Ceiling**	**Pinhole Ceiling Tile 12" x 12" w/ Mastic**	**Yellow**	**Good**	**Friable**	**See Above**	**Included Above**	**Trace (<1% Anthophyllite)**
62.	Classroom – North Wall	Smooth Plaster	Tan	Good	Non-Friable	Pinhole Ceiling Tile 12" x 12" w/ Mastic throughout Classroom	150 Sq. Ft.	None Detected
63.	Classroom – West Wall	Smooth Plaster	Tan	Good	Non-Friable	See Above	Included Above	None Detected
64.	Classroom – South Wall	Smooth Plaster	Tan	Good	Non-Friable	See Above	Included Above	None Detected
65.	Room 82 – East	8" Baseboard w/Mastic	Black	Good	Non-Friable	8" Basecove w/ Mastic throughout Room 82	100 Sq. Ft.	None Detected
66.	Room 82 – South	8" Baseboard w/Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
67.	Room 82 – South	8" Baseboard w/Mastic	Black	Good	Non-Friable	See Above	Included Above	None Detected
68.	Room 81 –Center Floor	12" x 12" Floor Tile w/ Mastic	White	Good	Non-Friable	12" x 12" Floor Tile w/ Mastic	1,900 Sq. Ft.	None Detected
69.	Room 82 –East Floor	12" x 12" Floor Tile w/ Mastic	White	Good	Non-Friable	See Above	Included Above	None Detected
70.	Room 82 - West Floor	12" x 12" Floor Tile w/ Mastic	White	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
71.	Room 82 – Center Floor	12” x 12” Floor Tile w/ Mastic	White	Good	Non-Friable	See Above	Included Above	None Detected
72.	Room 81 – East Floor	12” x 12” Floor Tile w/ Mastic	White	Good	Non-Friable	See Above	Included Above	None Detected
73.	Office B – Floor	12” x 12” Floor Tile w/ Mastic	Beige	Good	Non-Friable	12” x 12” Floor Tile w/ Mastic	850 Sq. Ft.	None Detected
74.	Work Room – Center	12” x 12” Floor Tile w/ Mastic	Beige	Good	Non-Friable	See Above	Included Above	None Detected
75.	Office C – Center	12” x 12” Floor Tile w/ Mastic	Beige	Good	Non-Friable	See Above	Included Above	None Detected
76.	**Room 82 – North**	**12”x 12” Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**12” x 12” Ceiling Tile w/ Mastic throughout Building Y**	**250 Sq. Ft.**	**Trace (<1% Anthophyllite)**
77.	**Room 88 – Ceiling**	**12”x 12” Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**See Above**	**800 Sq. Ft.**	**Trace (<1% Anthophyllite)**
78.	**Room 89 – Ceiling**	**12”x 12” Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**See Above**	**Included Above**	**Trace (<1% Anthophyllite)**
79.	**Room 90 – ceiling**	**12”x 12” Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**See Above**	**Included Above**	**Trace (<1% Anthophyllite)**
80.	**Work Room – Ceiling**	**2’ x 2’ Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**2’ x 2’ Ceiling Tile w/ Mastic throughout Building Y**	**2,100 Sq. Ft.**	**Trace (<1% Anthophyllite)**
81.	**Room 82 – Ceiling**	**2’ x 2’ Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**See Above**	**Included Above**	**Trace (<1% Anthophyllite)**
82.	**Office A - Ceiling**	**2’ x 2’ Ceiling Tile w/ Mastic**	**White**	**Good**	**Friable**	**See Above**	**Included Above**	**Trace (<1% Anthophyllite)**

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
83.	Room 98 - East	Formica Countertop	Off White	Good	Non-Friable	Formica Countertop throughout Room 98	50 Sq. Ft.	None Detected
84.	Room 98 - East	Formica Countertop	Off White	Good	Non-Friable	See Above	Included Above	None Detected
85.	Room 98 - East	Formica Countertop	Off White	Good	Non-Friable	See Above	Included Above	None Detected
86.	**Room 82 - South**	**Pinhole Transite Panel**	**White**	**Good**	**Non-Friable**	**Pinhole Transite Panels throughout Building Y**	**1,000 Sq. Ft.**	**20% Chrysotile**
87.	**Room 90 – East**	**Pinhole Transite Panel**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**20% Chrysotile**
88.	**Room 89 – North**	**Pinhole Transite Panel**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**20% Chrysotile**
89.	Room 82 - North	Chalkboard	Black	Good	Non-Friable	Chalkboard throughout Building Y	50 Sq. Ft.	None Detected
90.	Room 82 - North	Chalkboard	Black	Good	Non-Friable	See Above	Included Above	None Detected
91.	Room 82 - North	Chalkboard	Black	Good	Non-Friable	See Above	Included Above	None Detected
92.	Men's Restroom 2 – North Floor	Ceramic Wall Tile & Mortar	Blue/ Green	Good	Non-Friable	Ceramic Wall Tile throughout Men's Restroom 2	100 Sq. Ft.	None Detected
93.	Men's Restroom 2 – North Floor	Ceramic Wall Tile & Mortar	Blue/ Green	Good	Non-Friable	See Above	Included Above	None Detected
94.	Men's Restroom 2 – North Floor	Ceramic Wall Tile & Mortar	Blue/ Green	Good	Non-Friable	See Above	Included Above	None Detected
95.	Men's Restroom – West Floor	2" x 2" Ceramic Floor Tile & Mortar	Green	Good	Non-Friable	2" x2" Ceramic Floor Tile & Mortar throughout Building Y	30 Sq. Ft.	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
96.	Men's Restroom – West Floor	2" x 2" Ceramic Floor Tile & Mortar	Green	Good	Non-Friable	See Above	Included Above	None Detected
97.	Men's Restroom 2 – North Floor	2" x 2" Ceramic Floor Tile & Mortar	Green	Good	Non-Friable	See Above	Included Above	None Detected
98.	Men's Restroom – West Floor	2" x 2" Ceramic Floor Tile & Mortar	Light Green	Good	Non-Friable	2" x 2" Floor Tile & Mortar throughout Building Y	30 Sq. Ft.	None Detected
99.	Men's Restroom – West Floor	2" x 2" Ceramic Floor Tile & Mortar	Light Green	Good	Non-Friable	See Above	Included Above	None Detected
100.	Men's Restroom 2 – North Floor	2" x 2" Ceramic Floor Tile & Mortar	Light Green	Good	Non-Friable	See Above	Included Above	None Detected
101.	Men's Restroom – West Floor	2" x 2" Ceramic Floor Tile & Mortar	Tan	Good	Non-Friable	2" x 2" Ceramic Floor Tile & Mortar throughout Building Y	Included Above	None Detected
102.	Men's Restroom – West Floor	2" x 2" Ceramic Floor Tile & Mortar	Tan	Good	Non-Friable	See Above	Included Above	None Detected
103.	Men's Restroom 2 – North Floor	2" x 2" Ceramic Floor Tile & Mortar	Tan	Good	Non-Friable	See Above	Included Above	None Detected
104.	**Office A – Center**	**9" x 9" Floor Tile w/ Mastic**	**Brown**	**Good**	**Non-Friable**	**9" x 9" Floor Tile w/ Mastic throughout Office A**	**300 Sq. Ft.**	**3% Chrysotile (Brown Tile) 3% Chrysotile (Black Mastic)**
105.	**Office A – North**	**9" x 9" Floor Tile w/ Mastic**	**Brown**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**3% Chrysotile (Brown Tile) 3% Chrysotile (Black Mastic)**
106.	**Office A – South**	**9" x 9" Floor Tile w/ Mastic**	**Brown**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**3% Chrysotile (Brown Tile) 3% Chrysotile (Black Mastic)**

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
107.	Men's Restroom2 – Ceiling	Drywall above Ceilingtile	White	Good	Non-Friable	Drywall throughout Men's Restroom 2	100 Sq. Ft.	None Detected
108.	Men's Restroom2 – Ceiling	Drywall above Ceilingtile	White	Good	Non-Friable	See Above	Included Above	None Detected
109.	Women's Restroom 2 – Ceiling	Drywall above Ceilingtile	White	Good	Non-Friable	See Above	Included Above	None Detected
110.	Room 80A - South	Vapor Barrier	Black	Good	Friable	Vapor Barrier throughout Room 80A	200 Sq. Ft.	None Detected
111.	Room 80A - South	Vapor Barrier	Black	Good	Friable	See Above	Included Above	None Detected
112.	Room 80A - South	Vapor Barrier	Black	Good	Friable	See Above	Included Above	None Detected
113.	Work Room - Center	12" x 12" Floor Tile w/ Mastic	Gray	Good	Non-Friable	12" x 12" Floor Tile w/ Mastic throughout Building Y	600 Sq. Ft.	None Detected
114.	Office C – North	12" x 12" Floor Tile w/ Mastic	Gray	Good	Non-Friable	See Above	Included Above	None Detected
115.	Office B - South	12" x 12" Floor Tile w/ Mastic	Gray	Good	Non-Friable	See Above	Included Above	None Detected
116.	Classroom – Floor	Carpet & Adhesive	Blue/ Yellow	Good	Non-Friable	Carpet & Adhesive throughout Classroom	900 Sq. Ft.	None Detected
117.	Classroom – Floor	Carpet & Adhesive	Blue/ Yellow	Good	Non-Friable	See Above	Included Above	None Detected
118.	Classroom – Floor	Carpet & Adhesive	Blue/ Yellow	Good	Non-Friable	See Above	Included Above	None Detected
119.	Room 89 – Center Floor	Carpet & Adhesive	Dark Blue/ Yellow	Good	Non-Friable	Carpet & Adhesive throughout Building Y	800 Sq. Ft.	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
120.	Room 82 – Center Floor	Carpet & Adhesive	Dark Blue/ Yellow	Good	Non-Friable	See Above	Included Above	None Detected
121.	Room 90 – Center Floor	Carpet & Adhesive	Dark Blue/ Yellow	Good	Non-Friable	See Above	Included Above	None Detected
122.	Room 87 - Floor	Concrete Slab	Gray	Good	Non-Friable	Concrete Slabs throughout Building Y	800 Sq. Ft.	None Detected
123.	Room 88 – Floor	Concrete Slab	Gray	Good	Non-Friable	See Above	Included Above	None Detected
124.	Room 90 – Floor	Concrete Slab	Gray	Good	Non-Friable	See Above	Included Above	None Detected
125.	Room 99A – Center Floor	12” x 12” Floor Tile w/ Mastic	Tan	Good	Non-Friable	12” x 12” Floor Tile w/ Mastic throughout Room 99A	500 Sq. Ft.	None Detected
126.	Room 99A – West Floor	12” x 12” Floor Tile w/ Mastic	Tan	Good	Non-Friable	See Above	Included Above	None Detected
127.	Room 99A – East Floor	12” x 12” Floor Tile w/ Mastic	Tan	Good	Non-Friable	See Above	Included Above	None Detected
128.	Room 99A – Center Floor	12” x 12” Floor Tile w/ Mastic	Light Tan	Good	Non-Friable	12” x 12” Floor Tile w/ Mastic throughout Room 99A	500 Sq. Ft.	None Detected
129.	Room 99A – West Floor	12” x 12” Floor Tile w/ Mastic	Light Tan	Good	Non-Friable	See Above	Included Above	None Detected
130.	Room 99A – East Floor	12” x 12” Floor Tile w/ Mastic	Light Tan	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
131.	**Room 82 - North**	**Chalkboard Mastic**	**Brown**	**Good**	**Non-Friable**	**Chalkboards throughout Room 82**	**30 Sq. Ft.**	**3% Chrysotile**
132.	**Room 82 - North**	**Chalkboard Mastic**	**Brown**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**3% Chrysotile**
133.	**Room 82 - North**	**Chalkboard Mastic**	**Brown**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**3% Chrysotile**
134.	Room 99 – Exterior North	Decorative Stucco	Gray	Good	Non-Friable	Decorative Concrete throughout Building Y	450 Sq. Ft.	None Detected
135.	Room 99 – Exterior North	Decorative Stucco	Gray	Good	Non-Friable	See Above	Included Above	None Detected
136.	Room 99 – Exterior East	Decorative Stucco	Gray	Good	Non-Friable	See Above	Included Above	None Detected
137.	Men's Restroom - Floor	Dex-o-tech	Green	Good	Non-Friable	Dex-o-Tech throughout Restrooms	400 Sq. Ft.	None Detected
138.	Women's Restroom	Dex-o-tech	Green	Good	Non-Friable	See Above	Included Above	None Detected
139.	Men's Restroom – Floor	Dex-o-tech	Green	Good	Non-Friable	See Above	Included Above	None Detected
140.	Men's Restroom – South Floor	Terrazzo	Tan	Good	Non-Friable	Terrazzo throughout Restrooms	1,500 Sq. Ft.	None Detected
141.	Women's Restroom - Floor	Terrazzo	Tan	Good	Non-Friable	See Above	Included Above	None Detected
142.	Women's Restroom – Wall	Terrazzo	Tan	Good	Non-Friable	See Above	Included Above	None Detected
143.	Classroom – Wall	Terrazzo	Tan	Good	Non-Friable	See Above	Included Above	None Detected
144.	Men's Restroom – Floor	Terrazzo	Green	Good	Non-Friable	Terrazzo throughout Restrooms	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
145.	Women's Restroom - Floor	Terrazzo	Green	Good	Non-Friable	See Above	Included Above	None Detected
146.	Women's Restroom - Floor	Terrazzo	Green	Good	Non-Friable	See Above	Included Above	None Detected
147.	Custodian Closet - South	Plaster	Gray	Good	Non-Friable	Terrazzo throughout Building Y	2,400 Sq. Ft.	None Detected
148.	Room 80A – West	Plaster	Gray	Good	Non-Friable	See Above	Included Above	None Detected
149.	Room 93 – North	Plaster	Gray	Good	Non-Friable	See Above	Included Above	None Detected
150.	Behind Wood panel Room 82 – East	Plaster	Gray	Good	Non-Friable	See Above	Included Above	None Detected
151.	Above ceiling in Room 82 – Ceiling	Plaster	Gray	Good	Non-Friable	See Above	Included Above	None Detected
152.	Men's Restrooms – West Wall	Smooth Plaster	White	Good	Non-Friable	Smooth Plaster throughout Restrooms	3,600 Sq. Ft.	None Detected
153.	Women's Restroom – North Wall	Smooth Plaster	White	Good	Non-Friable	See Above	Included Above	None Detected
154.	**Men's Restroom 2 – East Wall**	**Smooth Plaster**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**Trace (<1% Chrysotile)**
155.	Women's Restroom 2 – East Wall	Smooth Plaster	White	Good	Non-Friable	See Above	Included Above	None Detected
156.	Classroom – West Wall	Smooth Plaster	White	Good	Non-Friable	See Above	Included Above	None Detected
157.	Room 99A – Exterior	Bulletin Board	White	Good	Non-Friable	Bulletin Boards throughout Building Y	30 Sq. Ft.	None Detected
158.	Room 99A – Exterior	Bulletin Board	White	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
159.	Room 99A – Exterior	Bulletin Board	White	Good	Non-Friable	See Above	Included Above	None Detected
160.	Storage Room – North	Stucco	White	Good	Non-Friable	Stucco throughout Storage Room	1,100 Sq. Ft.	None Detected
161.	Behind Classroom – West	Concrete Slab	Gray	Good	Non-Friable	Concrete Slabs throughout Classroom	800 Sq. Ft.	None Detected
162.	Behind Classroom – West	Concrete Slab Platform	Gray	Good	Non-Friable	See Above	Included Above	None Detected
163.	Room 99 - North	Window Putty	Gray	Good	Non-Friable	Window Putty throughout Room 99	Included in Sample 45	None Detected
164.	Room 89 – Attic	Roofing Debris	Black	Good	Friable	Roofing Debirs throughout Attic Spaces	6,900 Sq. Ft.	None Detected
165.	Men's Restroom – Attic	Roofing Debris	Black	Good	Friable	See Above	Included Above	None Detected
166.	Office A – Attic	Roofing Debris	Black	Good	Friable	See Above	Included Above	None Detected
167.	Room 89 – Attic	Drywall w/ Joint Compound	White	Good	Friable	Drywall w/ Joint Compound throughout Attic Spaces	800 Sq. Ft.	None Detected
168.	Room 90 – Attic	Drywall w/ Joint Compound	White	Good	Friable	See Above	Included Above	None Detected
169.	Room 88 – Attic	Drywall w/ Joint Compound	White	Good	Friable	See Above	Included Above	None Detected
170 PACM	Men's Restroom – Attic	TSI	White	Good	Friable	TSI throughout Building Y	175 Sq. Ft.	PACM (ACM > 1%)

ASBESTOS BULK SAMPLE LOG

CCCD – Compton Community College – Music Building/Building Y – 1111 E. Artesia Boulevard, Compton, CA 90221

BAINBRIDGE
Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
171 PACM	Office A – Attic	TSI	White	Good	Friable	See Above	Included Above	PACM (ACM > 1%)
172 PACM	Classroom – Attic	TSI	White	Good	Friable	See Above	Included Above	PACM (ACM > 1%)

ASBESTOS BULK SAMPLE LOG

Client: Compton Community College District
Project Name: Compton College – Building Y - VAPA Project
Address: 1111 East Artesia Blvd
Compton, California 90221

Bainbridge Project #: 24129324.12
Inspector/Sampler: Marco Silva, CSST
Date Sampled: November 25th - 27th, 2024

BAINBRIDGE
Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
1	Piano Room - Ceiling	2’ x 2’ Ceiling Tile	White	Good	Friable	2’ x 2’ Ceiling Tile throughout Building Y	2,100 Sq. Ft.	None Detected
2	Piano Room - Ceiling	2’ x 2’ Ceiling Tile	White	Good	Friable	See Above	Included Above	None Detected
3	Piano Room - Ceiling	2’ x 2’ Ceiling Tile	White	Good	Friable	See Above	Included Above	None Detected
4	Room 88 - Ceiling	12” x 12” Ceiling Tile	White	Good	Friable	12” x 12” Ceiling Tile throughout Building Y	800 Sq. Ft.	None Detected
5	Room 88 - Ceiling	12” x 12” Ceiling Tile	White	Good	Friable	See Above	Included Above	None Detected
6	Room 89 - Ceiling	12” x 12” Ceiling Tile	White	Good	Friable	See Above	Included Above	None Detected
7	**Room 88**	**Transite Panel**	**White**	**Good**	**Non-Friable**	**Transite Panel throughout Building Y**	**1,000 Sq. Ft.**	**12% Chrysotile**
8	**Room 88**	**Transite Panel**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**12% Chrysotile**
9	**Room 89**	**Transite Panel**	**White**	**Good**	**Non-Friable**	**See Above**	**Included Above**	**12% Chrysotile**
10	Exterior of Building Y	Expansion Joint	Gray	Good	Non-Friable	Expansion Joint throughout Exterior of Building Y	50 Sq. Ft.	None Detected
11	Exterior of Building Y	Expansion Joint	Gray	Good	Non-Friable	See Above	Included Above	None Detected

ASBESTOS BULK SAMPLE LOG

CCCD - Compton College - Building Y - VAPA Project)

BAINBRIDGE
Environmental Consultants

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
12	Exterior of Building Y	Expansion Joint	Gray	Good	Non-Friable	See Above	Included Above	None Detected
13	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	Concrete Floor throughout Exterior of Building Y	N/A	None Detected
14	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
15	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
16	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
17	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
18	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
19	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
20	Men's Restroom	Plaster Wall	White	Good	Non-Friable	Plaster Wall throughout Building Y	3,600 Sq. Ft.	None Detected
21	Men's Restroom	Plaster Wall	White	Good	Non-Friable	See Above	Included Above	None Detected
22	Men's Restroom	Plaster Wall	White	Good	Non-Friable	See Above	Included Above	None Detected

Survey Field Notes:

- **Bainbridge was not provided access to the classrooms in the back of the Building, adjacent to the Restrooms.**

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 200908-0

Bainbridge Env. Consultants, Inc.
Karlin Cisco
1322 Bell Ave., Suite #1N

Tustin, CA 92780

Client ID: L1946
Report Number: B303839
Date Received: 05/15/20
Date Analyzed: 05/19/20
Date Printed: 05/19/20
First Reported: 05/19/20

Job ID/Site: Compton Community College - Music Bldg./ ``Y`` Bldg., 1111 E. Artesia Blvd., Compton, CA 90221
Date(s) Collected:

SGSFL Job ID: L1946
Total Samples Submitted: 169
Total Samples Analyzed: 169

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1.	51349609						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Pink Fibrous Material			**ND**				
Cellulose (65 %)	Fibrous Glass (10 %)						
2.	51349610						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Pink Fibrous Material			**ND**				
Cellulose (65 %)	Fibrous Glass (10 %)						

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
3.	51349611						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Pink Fibrous Material			**ND**				
Cellulose (65 %)	Fibrous Glass (10 %)						
4.	51349612						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Pink Fibrous Material			**ND**				
Cellulose (65 %)	Fibrous Glass (10 %)						
5.	51349613						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Off-White Fibrous Material			**ND**				
Layer: Off-White Drywall			**ND**				
Cellulose (45 %)	Fibrous Glass (25 %)						

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
6.	51349614						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Cellulose (65 %)	Fibrous Glass (10 %)						
7.	51349615						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Cellulose (55 %)	Fibrous Glass (10 %)						
8.	51349616						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Cellulose (40 %)	Fibrous Glass (35 %)						
9.	51349617						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (65 %)	Fibrous Glass (10 %)						

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
10.	51349618						
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (65 %) Fibrous Glass (10 %)							
11.	51349619						
Layer: Stones			**ND**				
Layer: Black Mastic			**ND**				
Layer: Paint			**ND**				
Layer: Black Mastic			**ND**				
Layer: Black Felt			**ND**				
Cellulose (5 %) Fibrous Glass (15 %)							
12.	51349620						
Layer: Stones			**ND**				
Layer: Black Mastic			**ND**				
Layer: Paint			**ND**				
Layer: Black Mastic			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (15 %)							
13.	51349621						
Layer: Stones			**ND**				
Layer: Black Mastic			**ND**				
Layer: Paint			**ND**				
Layer: Black Mastic			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (15 %)							
14.	51349622						
Layer: Black Mastic			**ND**				
Layer: White Coating			**ND**				
Cellulose (10 %)							
15.	51349623						
Layer: Black Mastic			**ND**				
Layer: White Coating			**ND**				
Cellulose (10 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
16.	51349624						
Layer: Black Mastic			**ND**				
Layer: White Coating			**ND**				
Cellulose (10 %)							
17.	51349625						
Layer: Grey Mastic			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
18.	51349626						
Layer: Grey Mastic			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
19.	51349627						
Layer: Grey Mastic			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
20.	51349628						
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (10 %)	Fibrous Glass (45 %)						
21.	51349629						
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Paint			**ND**				
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (10 %)	Fibrous Glass (45 %)						

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
22.	51349630						
Layer: Stones			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Layer: Black Tar			**ND**				
Layer: Tan Fibrous Material			**ND**				
Cellulose (10 %) Fibrous Glass (45 %)							
23.	51349631						
Layer: Black Felt			**ND**				
Layer: Off-White Cementitious Material			**ND**				
Layer: White Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
24.	51349632						
Layer: Black Felt			**ND**				
Layer: Off-White Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
25.	51349633						
Layer: Black Felt			**ND**				
Layer: Off-White Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
26.	51349634						
Layer: Black Felt			**ND**				
Layer: Off-White Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
27.	51349635						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
28.	51349636						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
29.	51349637						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
30.	51349638						
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
31.	51349639						
Layer: Light Green Cementitious Material			**ND**				
Cellulose (Trace)							
32.	51349640						
Layer: Light Green Cementitious Material			**ND**				
Cellulose (Trace)							
33.	51349641						
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
34.	51349642						
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
35.	51349643						
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
36.	51349644						
Layer: Black Felt			**ND**				
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
37.	51349645						
Layer: Black Felt			**ND**				
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
38.	51349646						
Layer: Black Felt			**ND**				
Layer: Grey Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
39.	51349647						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
40.	51349648						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
41.	51349649						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
42.	51349650						
Layer: Orange Brick			**ND**				
Layer: Grey Mortar			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
43.	51349651						
Layer: Orange Brick			**ND**				
Layer: Grey Mortar			**ND**				
Cellulose (Trace)							
44.	51349652						
Layer: Orange Brick			**ND**				
Layer: Grey Mortar			**ND**				
Cellulose (Trace)							
45.	51349653						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
46.	51349654						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
47.	51349655						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
48.	51349656						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
49.	51349657						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
50.	51349658						
Layer: Off-White Semi-Fibrous Material		Chrysotile	**60 %**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (20 %)							
51.	51349659						
Layer: Off-White Semi-Fibrous Material		Chrysotile	**60 %**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (20 %)							
52.	51349660						
Layer: Off-White Semi-Fibrous Material		Chrysotile	**60 %**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (20 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
53.	51349661						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							
54.	51349662						
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Cellulose (20 %)							
55.	51349663						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Black Non-Fibrous Material			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							
56.	51349664						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Black Non-Fibrous Material			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							
57.	51349665						
Layer: White Drywall			**ND**				
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Black Non-Fibrous Material			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							
58.	51349666						
Layer: Off-White Skimcoat/Joint Compound			**ND**				
Layer: White Drywall			**ND**				
Layer: Paint			**ND**				
Cellulose (30 %) Fibrous Glass (10 %)							
59.	51349667						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
60.	51349668						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							
61.	51349669						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							
62.	51349670						
Layer: Grey Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
63.	51349671						
Layer: Grey Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
64.	51349672						
Layer: Grey Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
65.	51349673						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Light Yellow Mastic			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							
66.	51349674						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Light Yellow Mastic			**ND**				
Cellulose (Trace)							
67.	51349675						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Light Yellow Mastic			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							
68.	51349676						
Layer: White Tile			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
69.	51349677						
Layer: White Tile			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							
70.	51349678						
Layer: White Tile			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							
71.	51349679						
Layer: White Tile			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							
72.	51349680						
Layer: White Tile			**ND**				
Layer: Black Mastic			**ND**				
Cellulose (Trace)							
73.	51349681						
Layer: Beige Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace)							
74.	51349682						
Layer: Beige Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace)							
75.	51349683						
Layer: Beige Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace)							
76.	51349684						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							
77.	51349685						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							
78.	51349686						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
79.	51349687						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (95 %)							
80.	51349688						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (85 %)							
81.	51349689						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (85 %)							
82.	51349690						
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: Tan Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (85 %)							
83.	51349691						
Layer: Off-White Formica Countertop			**ND**				
Layer: Yellow Adhesive			**ND**				
Cellulose (25 %)							
84.	51349692						
Layer: Off-White Formica Countertop			**ND**				
Layer: Yellow Adhesive			**ND**				
Cellulose (25 %)							
85.	51349693						
Layer: Off-White Formica Countertop			**ND**				
Layer: Yellow Adhesive			**ND**				
Cellulose (25 %)							
86.	51349694						
Layer: Dark Brown Fibrous Material			**ND**				
Layer: Grey Semi-Fibrous Material		Chrysotile	**20 %**				
Layer: Paint			**ND**				
Cellulose (Trace) Fibrous Glass (55 %)							
87.	51349695						
Layer: Dark Brown Fibrous Material			**ND**				
Layer: Grey Semi-Fibrous Material		Chrysotile	**20 %**				
Layer: Paint			**ND**				
Cellulose (Trace) Fibrous Glass (35 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
88.	51349696						
Layer: Dark Brown Fibrous Material			**ND**				
Layer: Grey Semi-Fibrous Material		Chrysotile	**20 %**				
Layer: Paint			**ND**				
Cellulose (Trace) Fibrous Glass (35 %)							
89.	51349697						
Layer: Dark Yellow Mastic			**ND**				
Layer: Tan Fibrous Material			**ND**				
Layer: Black Chalkboard			**ND**				
Cellulose (95 %)							
90.	51349698						
Layer: Tan Fibrous Material			**ND**				
Layer: Black Chalkboard			**ND**				
Cellulose (95 %)							
91.	51349699						
Layer: Tan Fibrous Material			**ND**				
Layer: Black Chalkboard			**ND**				
Cellulose (95 %)							
92.	51349700						
Layer: Blue Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
93.	51349701						
Layer: Blue Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
94.	51349702						
Layer: Blue Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
95.	51349703						
Layer: Green & White Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
96.	51349704						
Layer: Green & White Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
97.	51349705						
Layer: Green & White Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
98.	51349706						
Layer: Light Green Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
99.	51349707						
Layer: Light Green Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
100.	51349708						
Layer: Light Green Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
101.	51349709						
Layer: Light Pink Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
102.	51349710						
Layer: Light Pink Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
103.	51349711						
Layer: Light Pink Ceramic Tile			**ND**				
Layer: Off-White Mortar			**ND**				
Cellulose (Trace)							
104.	51349712						
Layer: Brown Tile		Chrysotile	**3 %**				
Layer: Black Mastic		Chrysotile	**3 %**				
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
105.	51349713						
Layer: Brown Tile		Chrysotile	**3 %**				
Layer: Black Mastic		Chrysotile	**3 %**				
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
106.	51349714						
Layer: Brown Tile		Chrysotile	**3 %**				
Layer: Black Mastic		Chrysotile	**3 %**				
Cellulose (Trace)							
107.	51349715						
Layer: White Drywall			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							
108.	51349716						
Layer: White Drywall			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
109.	51349717						
Layer: White Drywall			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							
110.	51349718						
Layer: Black Semi-Fibrous Material			**ND**				
Cellulose (35 %)							
111.	51349719						
Layer: Black Semi-Fibrous Material			**ND**				
Cellulose (35 %)							
112.	51349720						
Layer: Black Semi-Fibrous Material			**ND**				
Cellulose (35 %)							
113.	51349721						
Layer: Grey Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace)							
114.	51349722						
Layer: Grey Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace)							
115.	51349723						
Layer: Grey Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace)							
116.	51349724						
Layer: Blue Carpet			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace) Synthetic (85 %)							
117.	51349725						
Layer: Blue Carpet			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace) Synthetic (85 %)							
118.	51349726						
Layer: Blue Carpet			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace) Synthetic (85 %)							
119.	51349727						
Layer: Dark Blue Carpet			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace) Synthetic (85 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
120.	51349728						
Layer: Dark Blue Carpet			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace) Synthetic (85 %)							
121.	51349729						
Layer: Dark Blue Carpet			**ND**				
Layer: Yellow Mastic			**ND**				
Cellulose (Trace) Synthetic (85 %)							
122.	51349730						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
123.	51349731						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
124.	51349732						
Layer: Off-White Cementitious Material			**ND**				
Cellulose (Trace)							
125.	51349733						
Layer: Tan Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
126.	51349734						
Layer: Tan Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
127.	51349735						
Layer: Tan Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
128.	51349736						
Layer: Tan Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
129.	51349737						
Layer: Tan Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
130.	51349738						
Layer: Tan Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Beige Cementitious Material			**ND**				
Cellulose (Trace)							
131.	51349739						
Layer: Tan Fibrous Material			**ND**				
Layer: Brown Mastic		Chrysotile	**3 %**				
Cellulose (2 %)							
132.	51349740						
Layer: Tan Fibrous Material			**ND**				
Layer: Brown Mastic		Chrysotile	**3 %**				
Cellulose (2 %)							
133.	51349741						
Layer: Tan Fibrous Material			**ND**				
Layer: Brown Mastic		Chrysotile	**3 %**				
Cellulose (2 %)							
134.	51349742						
Layer: Black Felt			**ND**				
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
135.	51349743						
Layer: Black Felt			**ND**				
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
136.	51349744						
Layer: Black Felt			**ND**				
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
137.	51349745						
Layer: Off-White Plaster			**ND**				
Layer: Green Plaster			**ND**				
Cellulose (Trace)							
138.	51349746						
Layer: Off-White Plaster			**ND**				
Layer: Green Plaster			**ND**				
Cellulose (Trace)							
139.	51349747						
Layer: Off-White Plaster			**ND**				
Layer: Green Plaster			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
140.	51349748						
Layer: Tan/ White/ Red Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
141.	51349749						
Layer: Tan/ White/ Red Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
142.	51349750						
Layer: Tan/ White/ Red Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
143.	51349751						
Layer: Tan/ White/ Red Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
144.	51349752						
Layer: Green Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
145.	51349753						
Layer: Green Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
146.	51349754						
Layer: Green Non-Fibrous Material			**ND**				
Layer: Off-White Grout			**ND**				
Cellulose (Trace)							
147.	51349755						
Layer: Grey/ Off-White Plaster			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
148.	51349756						
Layer: Grey/ Off-White Plaster			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
149.	51349757						
Layer: Grey/ Off-White Plaster			**ND**				
Cellulose (Trace)							
150.	51349758						
Layer: Grey/ Off-White Plaster			**ND**				
Cellulose (Trace)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
151.	51349759						
Layer: Grey/ Off-White Plaster			**ND**				
Cellulose (Trace)							
152.	51349760						
Layer: White/ Grey Plaster			**ND**				
Cellulose (Trace)							
153.	51349761						
Layer: Silver Metal Grate			**ND**				
Layer: White/ Grey Plaster			**ND**				
Layer: Paint			**ND**				
Layer: Black Tar			**ND**				
Layer: Black Felt			**ND**				
Cellulose (5 %)							
154.	51349762						
Layer: White/ Grey Plaster			**ND**				
Layer: White Plaster		Chrysotile	**Trace**				
Layer: Paint			**ND**				
Cellulose (Trace)							
155.	51349763						
Layer: White/ Grey Plaster			**ND**				
Cellulose (Trace)							
156.	51349764						
Layer: White/ Grey Plaster			**ND**				
Cellulose (Trace)							
157.	51349765						
Layer: Tan Fibrous Woven Material			**ND**				
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Layer: Yellow Adhesive			**ND**				
Layer: Off-White Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (15 %)							
158.	51349766						
Layer: Tan Fibrous Woven Material			**ND**				
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Layer: Yellow Adhesive			**ND**				
Layer: Off-White Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (15 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
159.	51349767						
Layer: Tan Fibrous Woven Material			**ND**				
Layer: Brown Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Layer: Yellow Adhesive			**ND**				
Layer: Off-White Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (15 %)							
160.	51349768						
Layer: Grey Cementitious Material			**ND**				
Layer: Off-White Cementitious Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
161.	51349769						
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
162.	51349770						
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
163.	51349771						
Layer: Grey Cementitious Material			**ND**				
Cellulose (Trace)							
164.	51349772						
Layer: Grey Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Cellulose (Trace)							
165.	51349773						
Layer: Multi-Color Debris			**ND**				
Cellulose (20 %)							
Comment: Wipe/Microvac/Debris sample: Quantitative data may not be repeatable or represent the entire sample.							
166.	51349774						
Layer: Multi-Color Debris			**ND**				
Cellulose (20 %)							
Comment: Wipe/Microvac/Debris sample: Quantitative data may not be repeatable or represent the entire sample.							
167.	51349775						
Layer: Multi-Color Debris			**ND**				
Cellulose (20 %)							
Comment: Wipe/Microvac/Debris sample: Quantitative data may not be repeatable or represent the entire sample.							
168.	51349776						
Layer: White Drywall			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

Report Number: B303839

Client Name: Bainbridge Env. Consultants, Inc. **Date Printed:** 05/19/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
169.	51349777						
Layer: White Drywall			**ND**				
Cellulose (20 %) Fibrous Glass (10 %)							

Ryan Sutliffe, Laboratory Supervisor, Las Vegas Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 / Telephone: (702) 387-0040 / Fax: (702) 784-0030

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Bainbridge Environmental 1322 Bell Avenue Suite 1N Tustin, Ca. 92780	Client No.:
PO / Job#:	Date: 5/15/20
Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day	
☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer	
☒ PLM: ☐ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435	
Contact: Karlin Cisco	Phone: (714) 247-0024
E-mail: kcisco@bainbridge-env.com	
☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402 ☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield ☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)	
Site Name: Compton Community College-Music Bldg./"Y" Bldg	☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project
Site Location: 1111 E. Artesia Blvd. Compton, CA 90221	☐ Metals Analysis Matrix: Method: Analytes:
Comments:	☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
		See attached log	A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: Marco Silva Date/Time: 5/11-5/14 Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By: Bradley Crouse Date / Time: 5/15/20 3:30PM	Relinquished By: JC Date / Time: 5/15/20 3:30PM	Relinquished By: FE Date / Time: 5-18-20 4pm
Received By: Date / Time: Condition Acceptable? ☐ Yes ☐ No	Received By: Date / Time: 05.15.20 3:30PM BC Condition Acceptable? ☐ Yes ☐ No	Received By: C. Williams Date / Time: 5/19/20 1000am Condition Acceptable? ☒ Yes ☐ No

LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

http://www.LATesting.com / hblab@latesting.com

LA Testing Order:	332423580
Customer ID:	32BAIN21
Customer PO:	
Project ID:	

Attention:	Gage Thompson	**Phone:**	(315) 408-1504
	Bainbridge Environmental Consultants	**Fax:**	(714) 247-0025
	1322 Bell Avenue	**Received Date:**	12/02/2024 8:00 AM
	Suite 1N	**Analysis Date:**	12/02/2024
	Tustin, CA 92780	**Collected Date:**	11/25/2024
Project:	COMPTON COMMUNITY COLLEGE / BUILDING Y - VAPA PROJECT / 1111 E ARTESIA BLVD, COMPTON, CA 90221		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1 *332423580-0001*	PIANO ROOM - CEILING - 2' X 2' CEILING TILE - WHITE	Brown/White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2 *332423580-0002*	PIANO ROOM - CEILING - 2' X 2' CEILING TILE - WHITE	Brown/White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
3-Ceiling Tile *332423580-0003*	PIANO ROOM - CEILING - 2' X 2' CEILING TILE - WHITE	Tan/White Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
3-Mastic *332423580-0003A*	PIANO ROOM - CEILING - 2' X 2' CEILING TILE - WHITE	Brown Non-Fibrous Homogeneous	3% Fibrous (Other)	97% Non-fibrous (Other)	None Detected
4-Ceiling Tile *332423580-0004*	ROOM 88 - CEILING - 12" X 12" CEILING TILE - WHITE	Brown Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
4-Mastic *332423580-0004A*	ROOM 88 - CEILING - 12" X 12" CEILING TILE - WHITE	Brown Non-Fibrous Homogeneous	3% Fibrous (Other)	97% Non-fibrous (Other)	None Detected
5-Ceiling Tile *332423580-0005*	ROOM 88 - CEILING - 12" X 12" CEILING TILE - WHITE	Brown/White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
5-Mastic *332423580-0005A*	ROOM 88 - CEILING - 12" X 12" CEILING TILE - WHITE	Brown Non-Fibrous Homogeneous	3% Fibrous (Other)	97% Non-fibrous (Other)	None Detected
6-Ceiling Tile *332423580-0006*	ROOM 89 - CEILING - 12" X 12" CEILING TILE - WHITE	Tan/White Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
6-Mastic *332423580-0006A*	ROOM 89 - CEILING - 12" X 12" CEILING TILE - WHITE	Brown Non-Fibrous Homogeneous	3% Fibrous (Other)	97% Non-fibrous (Other)	None Detected
7 *332423580-0007*	ROOM 88 - TRANSITE PANEL - WHITE	Gray Fibrous Homogeneous		88% Non-fibrous (Other)	**12% Chrysotile**
8 *332423580-0008*	ROOM 88 - TRANSITE PANEL - WHITE	Gray Fibrous Homogeneous		88% Non-fibrous (Other)	**12% Chrysotile**
9 *332423580-0009*	ROOM 89 - TRANSITE PANEL - WHITE	Gray/White Fibrous Heterogeneous		88% Non-fibrous (Other)	**12% Chrysotile**
10 *332423580-0010*	EXTERIOR OF BUILDING Y - EXPANSION JOINT - GRAY	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/02/2024 14:30:57

LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

http://www.LATesting.com / hblab@latesting.com

LA Testing Order:	332423580
Customer ID:	32BAIN21
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
11 *332423580-0011*	EXTERIOR OF BUILDING Y - EXPANSION JOINT - GRAY	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
12-Expansion Joint *332423580-0012*	EXTERIOR OF BUILDING Y - EXPANSION JOINT - GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-Concrete *332423580-0012A*	EXTERIOR OF BUILDING Y - EXPANSION JOINT - GRAY	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
13 *332423580-0013*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
14 *332423580-0014*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
15 *332423580-0015*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
16 *332423580-0016*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
17 *332423580-0017*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
18 *332423580-0018*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
19 *332423580-0019*	EXTERIOR OF BUILDING Y - CONCRETE FLOOR - GRAY	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
20 *332423580-0020*	MEN'S RESTROOM - PLASTER WALL - WHITE	Tan Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
21 *332423580-0021*	MEN'S RESTROOM - PLASTER WALL - WHITE	Tan Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
22 *332423580-0022*	MEN'S RESTROOM - PLASTER WALL - WHITE	Beige Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected

Initial report from: 12/02/2024 14:30:57

LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

http://www.LATesting.com / hblab@latesting.com

LA Testing Order:	332423580
Customer ID:	32BAIN21
Customer PO:	
Project ID:	

Analyst(s)

Kaylin Luciani (11)

Thanh Nguyen (16)

Michael Chapman, Laboratory Manager
or Other Approved Signatory

Initial report from: 12/02/2024 14:30:57

BAINBRIDGE
Environmental Consultants

ASBESTOS BULK SAMPLE LOG
CHAIN OF CUSTODY

#332423580

Analysis Type: PLM-Bulk EPA 600/R-93/116	**Phone Number:** (714) 247-0024 **Fax Number:** (714) 247-0025
Turn Around Time: 24-Hour	**Report To (Name):** Gage Thompson, Cell: (315) 408-1504 **Email Address:** gthompson@bainbridge-env.com
Comments: For any results that come back as <1% asbestos, Please perform 1000PT Count Analysis on a 24 Hour TAT, please contact Gage Thompson to confirm prior to point count analysis, thank you.	**Results:** gthompson@bainbridge-env.com; bbasnight@bainbridge-env.com; mepower@bainbridge-env.com; hmoreno@bainbridge-env.com

Client Name: Compton Community College	**Bainbridge Project Number:**
Project Name: Building Y - VAPA Project	**Inspector/Sampler: Marco Silva**
Project Address: 1111 E Artesia Blvd, Compton, CA 90221	**Date(s) Sampled: 11-25-24 to 11-27-24**

Samples Relinquished By:	**Print Name: Marco Silva**	**Signature:** Marco Silva	**Date: 12-02-24**	**Time: 1740**
Samples Received By:	**Print Name:** Jonathan Santos (AB)	**Signature:**	**Date:** 12/2/24	**Time:** 8am
Samples Relinquished By:	**Print Name:**	**Signature:**	**Date:**	**Time:**
Samples Received By:	**Print Name:**	**Signature:**	**Date:**	**Time:**

Sample Numbers: ___1___ **to** ___22

Total Number of Samples Submitted: __22_____

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
1	Piano Room - Ceiling	2' x 2' Ceiling Tile	White	Good	Friable	2' x 2' Ceiling Tile throughout Building Y	2,100 Sq. Ft.	
2	Piano Room - Ceiling	2' x 2' Ceiling Tile	White	Good	Friable	See Above	Included Above	
3	Piano Room - Ceiling	2' x 2' Ceiling Tile	White	Good	Friable	See Above	Included Above	

1322 Bell Avenue, Suite 1N
Tustin, CA 92780

Tel (714) 247-0024
Fax (714) 247-0025

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
4	Room 88 - Ceiling	12" x 12" Ceiling Tile	White	Good	Friable	12" x 12" Ceiling Tile throughout Building Y	800 Sq. Ft.	
5	Room 88 - Ceiling	12" x 12" Ceiling Tile	White	Good	Friable	See Above	Included Above	
6	Room 89 - Ceiling	12" x 12" Ceiling Tile	White	Good	Friable	See Above	Included Above	
7	Room 88	Transite Panel	White	Good	Non-Friable	Transite Panel throughout Building Y	1,000 Sq. Ft.	
8	Room 88	Transite Panel	White	Good	Non-Friable	See Above	Included Above	
9	Room 89	Transite Panel	White	Good	Non-Friable	See Above	Included Above	
10	Exterior of Building Y	Expansion Joint	Gray	Good	Non-Friable	Expansion Joint throughout Exterior of Building Y	50 Sq. Ft.	
11	Exterior of Building Y	Expansion Joint	Gray	Good	Non-Friable	See Above	Included Above	
12	Exterior of Building Y	Expansion Joint	Gray	Good	Non-Friable	See Above	Included Above	
13	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	Concrete Floor throughout Exterior of Building Y		
14	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	Included Above	

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
15	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	Included Above	
16	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	Included Above	
17	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	Included Above	
18	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	Included Above	
19	Exterior of Building Y	Concrete Floor	Gray	Good	Non-Friable	See Above	Included Above	
20	Men's Restroom	Plaster Wall	White	Good	Non-Friable	Plaster Wall throughout Building Y	3,600 Sq. Ft.	
21	Men's Restroom	Plaster Wall	White	Good	Non-Friable	See Above	Included Above	
22	Men's Restroom	Plaster Wall	White	Good	Non-Friable	See Above	Included Above	

-End Of Report-

Note: We did not have access to classrooms in the back adjacent to the restrooms

APPENDIX B

LEAD-BASED PAINT FIELD DATA AND ANALYTICAL RESULTS

Site: Compton Community College Date: 5/14/2020 Project #: 20057989.12

Room: Music Building/Building Y - Exterior Inspector: Marco Silva

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Exterior	Wall	A	Center	Stucco	Intact	White	0.2
Exterior	Wall	D	Right	Stucco	Intact	White	0.1
Exterior	Wall	C	Center	Stucco	Intact	White	0.0
Exterior	Wall	B	Left	Stucco	Intact	White	0.0
Exterior	Wall	B	Center	Stucco	Intact	Gray	0.2
Exterior	Wall	C	Right	Stucco	Intact	Gray	0.0
Exterior	Wall	A	Left	Stucco	Intact	Gray	0.0
Exterior	Wall	D	Right	Stucco	Intact	Gray	0.0
Exterior	Fire Extinguisher Cover	D	Center	Metal	Intact	White	0.5
Men's Restroom	Door	D	Left	Metal	Intact	Gray	-0.1
Men's Restroom	Door Frame	D	Left	Metal	Intact	Gray	0.0
Men's Restroom	Door Jamb	D	Center	Metal	Intact	Gray	0.0
Women's Restroom	Door	D	Right	Metal	Intact	Gray	0.0
Women's Restroom	Door Frame	D	Right	Metal	Intact	Gray	0.1
Women's Restroom	Door Jamb	D	Center	Metal	Intact	Gray	-0.1
Room 82	Fire Rated Door	B	Left	Wood	Intact	Gray	0.1
Calibrations @ 8:10am - 1.1, 1.0 & 1.1							

Room: Music Building/Building Y - Exterior

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Room 82	**Fire Door Frame**	**B**	**Right**	**Wood**	**Intact**	**Gray**	**1.3**
Room 82	Fire Door Jamb	B	Center	Wood	Intact	Varnish	0.1
Room 85	Door	B	Right	Wood	Intact	Gray	0.1
Room 85	Door Frame	B	Left	Wood	Intact	Gray	0.8
Room 85	Door Jamb	B	Center	Wood	Intact	Varnish	0.0
Room 85	Door Window	B	Left	Wood	Intact	Gray	0.2
Room 83	Door Window	C	Center	Wood	Intact	Gray	0.2
Room 91	**Door Frame**	**B**	**Left**	**Wood**	**Intact**	**Gray**	**1.6**
Exterior	**Support Column**	**C**	**Center**	**Metal**	**Intact**	**Gray**	**1.2**
Exterior	**Support Column**	**D**	**Center**	**Metal**	**Intact**	**Gray**	**1.2**
Exterior	**Support Column**	**A**	**Center**	**Metal**	**Intact**	**Gray**	**1.2**
Exterior	**Support Column**	**B**	**Center**	**Metal**	**Intact**	**Gray**	**1.0**
Exterior	Gutter Downspout	C	Right	Metal	Intact	Red	0.0
Exterior	Gutter Downspout	A	Center	Metal	Intact	Red	0.1
Room 92	Window Frame	B	Left	Wood	Intact	Gray	0.6

Room: Music Building/Building Y - Interior & Exterior

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Room 92	Window Frame	B	Right	Wood	Intact	Gray	-0.1
Storage Room	Door	B	Right	Metal	Intact	Gray	-0.1
Storage Room	Door Frame	B	Right	Metal	Intact	Gray	0.0
Storage Room	Door Jamb	B	Center	Metal	Intact	Gray	0.0
Room 99A	Window Frame	A	Left	Wood	Intact	Gray	0.1
Exterior	**Seating Bench**	**A**	**Center**	**Metal**	**Intact**	**Gray**	**0.7**
Exterior	Seating Bench	A	Left	Metal	Intact	Gray	0.4
Exterior	Seating Bench	A	Right	Wood	Intact	Gray	-0.1
Exterior	Emergency System	A	Center	Metal	Intact	Blue	0.0
Work Room	Floor Tile	A	Center	Concrete	Intact	Tan	0.2
Work Room	Floor Tile	A	Right	Concrete	Intact	Orange	0.2
Work Room	Wall	A	Center	Plaster	Intact	White	0.1
Work Room	Wall	B	Left	Plaster	Intact	White	0.0
Work Room	Wall	C	Right	Plaster	Intact	White	-0.1
Work Room	Door	A	Center	Wood	Intact	Varnish	-0.1

Room: Music Building/Building Y - Interior & Exterior

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Work Room	Door Frame	B	Center	Wood	Intact	Varnish	0.0
Work Room	Door Jamb	C	Right	Wood	Intact	Varnish	0.0
Room 93	Wall	B	Left	Plaster	Intact	Gray	-0.2
Room 94	Wall	D	Center	Plaster	Intact	White	-0.1
Room 94	**Louver**	**A**	**Center**	**Metal**	**Intact**	**Gray**	**3.5**
Classroom	Door	B	Right	Wood	Intact	Gray	0.6
Exterior	Window Louver	B	Center	Metal	Intact	Gray	0.0
Exterior	Louver	A	Right	Metal	Intact	White	0.0
Exterior	Gutter Downspout	B	Left	Metal	Intact	White	0.0
Exterior	Gutter Downspout	B	Center	Metal	Intact	White	0.0
Exterior	Rolling Door	B	Right	Metal	Intact	Gray	0.0
Women's Restroom	Dex-o-Tex Floor	A	Center	Concrete	Intact	Green	0.0
Women's Restroom	Terrazzo Floor	A	Center	Concrete	Intact	Green	0.0
Women's Restroom	Terrazzo Wall	A	Center	Concrete	Intact	Tan	0.0
Women's Restroom	Wall	C	Right	Plaster	Intact	White	0.1

W=Wood DW=Drywall P=Plaster M=Metal C= Concrete B=Brick S=Stucco

SITE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A. Side A corresponds to: North Side/Address Side/Entrance to Building

Site: Compton Community College Date: 5/14/2020 Project #: 20057989.12

Room: Music Building/Building Y - Interior Inspector: Marco Silva

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Women's Restroom	Sink	A	Right	Concrete	Intact	White	-0.4
Women's Restroom	Toilet	C	Right	Concrete	Intact	White	-0.4
Women's Restroom	Wall	C	Left	Plaster	Intact	White	-0.1
Women's Restroom	Door	C	Right	Wood	Intact	Tan	0.1
Women's Restroom	Door Frame	C	Right	Wood	Intact	Tan	0.1
Men's Restroom	Dex-O-Tex Floor	A	Center	Concrete	Intact	Green	0.1
Men's Restroom	Terrazzo Floor	A	Center	Concrete	Intact	Green	0.4
Men's Restroom	Terrazzo Wall	B	Right	Concrete	Intact	Tan	0.3
Men's Restroom	Wall	B	Left	Plaster	Intact	White	0.0
Men's Restroom	Sink	A	Center	Concrete	Intact	White	-0.1
Men's Restroom	Toilet	A	Right	Concrete	Intact	White	0.0
Men's Restroom	Door	A	Left	Wood	Intact	Tan	-0.1
Men's Restroom	Door Frame	A	Left	Wood	Intact	Tan	0.0
Men's Restroom	Wall	A	Left	Plaster	Intact	White	-0.1
Men's Restroom	Floor Tile	A	Center	Concrete	Intact	Green	0.3
Men's Restroom	Floor Tile	A	Center	Concrete	Intact	Light Green	0.0

Room: Music Building/Building Y - Interior & Exterior

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Men's Restroom	Floor Tile	A	Right	Concrete	Intact	Tan	0.1
Women's Restroom	Ceiling	A	Center	Wood	Intact	White	0.0
Breezeway	Drinking Fountain	C	Left	Concrete	Intact	White	0.0
Room 90	Transite Panel	D	Center	Wood	Intact	White	0.1
Room 90	Transite Panel	D	Right	Wood	Intact	White	0.1
Room 82	Transite Panel	A	Center	Wood	Intact	White	0.1
Room 99	Floor Tile	A	Right	Concrete	Intact	Tan	0.0
Room 99	Floor Tile	A	Center	Concrete	Intact	Light Tan	0.0
Room 99	Wall Tile	C	Right	Plaster	Intact	White	-0.1
Roof Access Room	**Louver**	**D**	**Center**	**Metal**	**Intact**	**Gray**	**8.9**
Roof Access Room	Louver	D	Right	Metal	Intact	White	0.1
Exterior	Electrical Conduit	A	Left	Metal	Intact	White	0.0
Room 81	Window Frame	B	Center	Wood	Intact	White	0.0
Men's Restroom	**Wall Tile**	**C**	**Center**	**Concrete**	**Intact**	**Blue/Green**	**17.5**
Roof	Fascia Cap	D	Center	Metal	Intact	Red	0.2

Room: Music Building/Building Y - Exterior/Roof

Area	Component	Wall/Side	Location	Substrate	Condition	Color	Readings
Roof	Surfacing	A	Right	Wood	Intact	White	0.2
Roof	Louver	B	Center	Metal	Intact	White	0.1
Exterior	Electrical Conduit	C	Right	Metal	Intact	White	0.3
Exterior	Access Hatch	D	Center	Metal	Intact	Gray	0.0
Calibrations @ 11:35am - 1.0, 1.0 & 1.1							

W=Wood DW=Drywall P=Plaster M=Metal C= Concrete B=Brick S=Stucco

SITE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A. Side A corresponds to: North Side/Address Side/Entrance to Building

XRF Lead-Based Paint Sampling Log

Client: Compton Community College District
Site: Compton Community College – Building Y - VAPA Project
Address: 1111 E Artesia Blvd, Compton, CA 90221

Bainbridge Project #: 24129324.12
Inspector/Sampler: Marco Silva, CSST
Date Sampled: November 27, 2024

BAINBRIDGE
Environmental Consultants

XL No	Side	Building	Room	Source	Substrate	Color	Results mg/cm²	Positive Negative	Approx. Quantity
1	**N/A**	**N/A**	**Calibration**	**Calibration**	**Calibration**	**Green**	**0.9**	**Positive**	**11/27/24 Time: 13:18**
2	**N/A**	**N/A**	**Calibration**	**Calibration**	**Calibration**	**Green**	**1.0**	**Positive**	**11/27/24 Time: 13:18**
3	**N/A**	**N/A**	**Calibration**	**Calibration**	**Calibration**	**Green**	**1.0**	**Positive**	**11/27/24 Time: 13:18**
4	**A**	**Y**	**Exterior Portico**	**Portico**	**Metal**	**Red**	**1.2**	**Positive**	**3,300 Sq. Ft.**
5	**B**	**Y**	**Exterior Portico**	**Portico**	**Metal**	**Red**	**2.7**	**Positive**	**Included Above**
6	A	Y	Exterior Portico	Gutter Downspout	Metal	Red	0.0	Negative	N/A
7	**A**	**Y**	**Exterior Portico**	**Support Column**	**Metal**	**Gray**	**1.0**	**Positive**	**280 Lin. Ft.**
8	**N/A**	**N/A**	**Calibration**	**Calibration**	**Calibration**	**Green**	**1.0**	**Positive**	**11/27/24 Time: 13:30**
9	**N/A**	**N/A**	**Calibration**	**Calibration**	**Calibration**	**Green**	**1.0**	**Positive**	**11/27/24 Time: 13:30**
10	**N/A**	**N/A**	**Calibration**	**Calibration**	**Calibration**	**Green**	**1.0**	**Positive**	**11/27/24 Time: 13:30**

-End of Document-

APPENDIX C

ASBESTOS AND LEAD INSPECTOR'S STATE CERTIFICATIONS


State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Gage V. Thompson
Name

Certification No. 19-6730

Expires on 01/15/25

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.


State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Marco A Silva
Name

Certification No. 19-6694

Expires on 12/18/24

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.


State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Karlin P Cisco
Name

Certification No. 15-5626

Expires on 03/15/21

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.


California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
Marco Silva	Lead Sampling Technician	LRC-00006351	3/22/2025

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD


California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
Gage Thompson	Lead Project Monitor	LRC-00011294	11/13/2025
	Lead Inspector/Assessor	LRC-00002718	11/13/2025

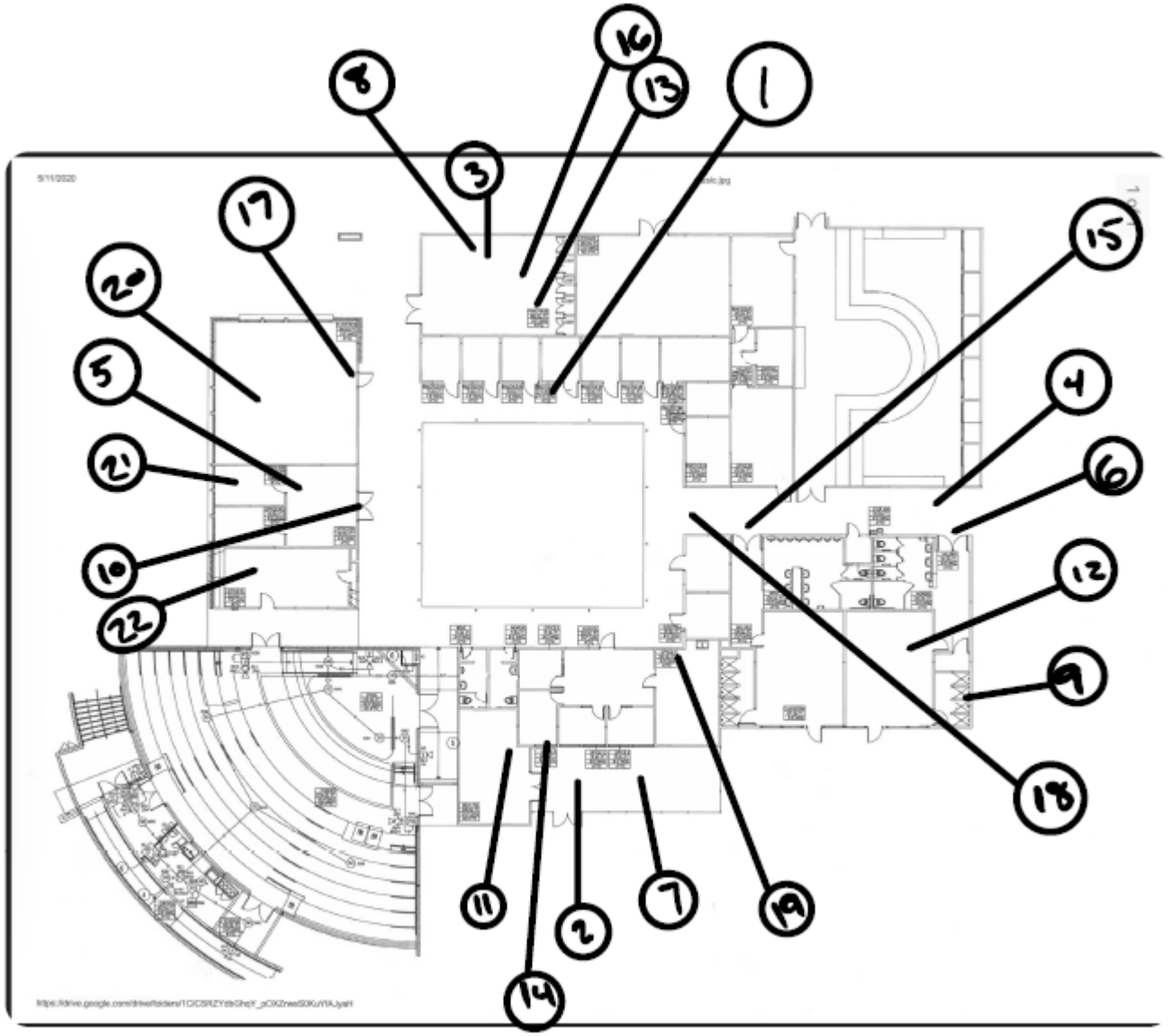
Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

APPENDIX D

SAMPLE LOCATION DRAWINGS

CCCD - Compton Community College
Music Building/Building Y
Asbestos Sample Location Drawings

(Roof Samples 1-22)

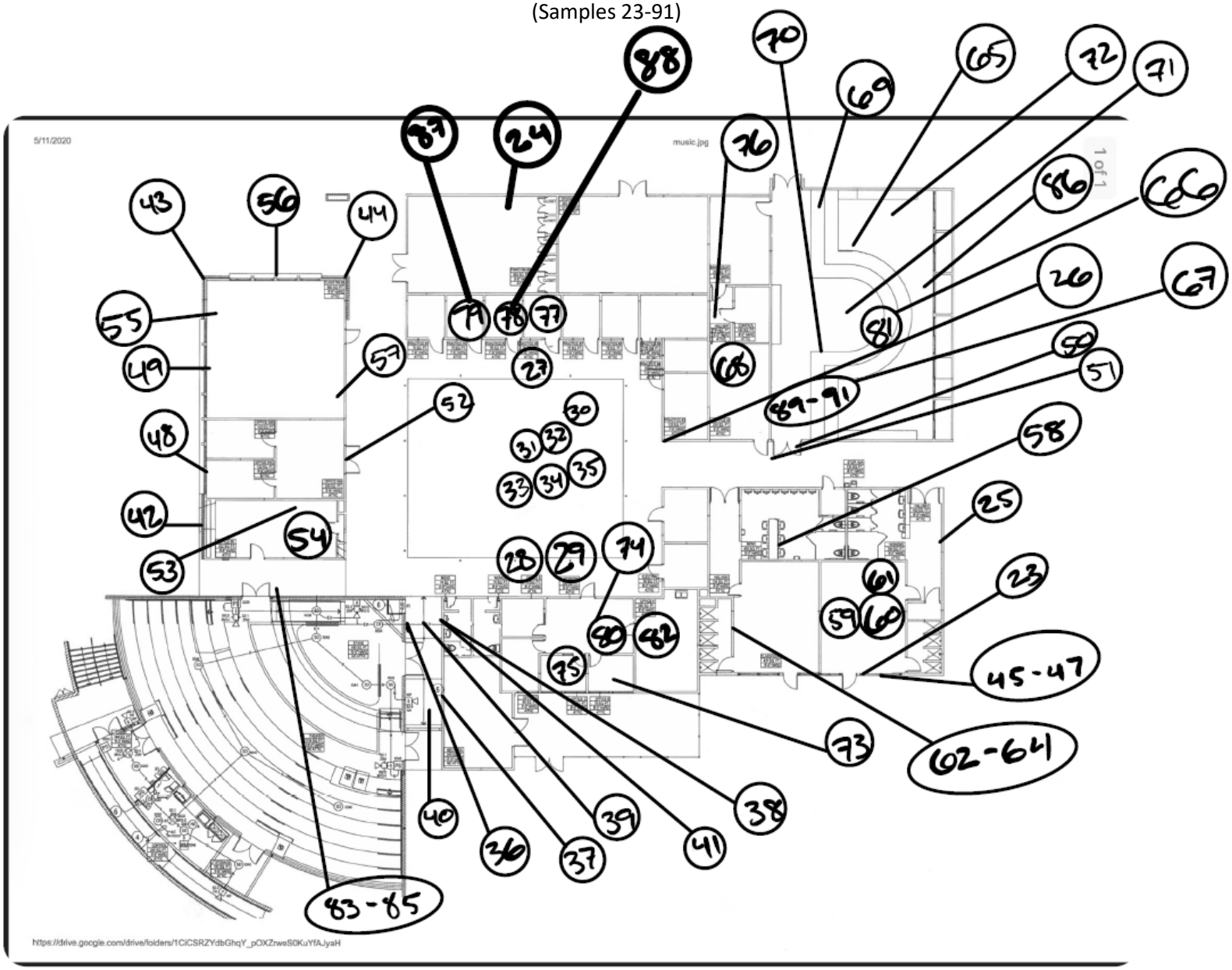


BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N ◆ Tustin, CA 92780
Phone (714) 247-0024 ◆ Fax (714) 247-0025

CCCD - Compton Community College
Music Building/Building Y
Asbestos Sample Location Drawings

(Samples 23-91)

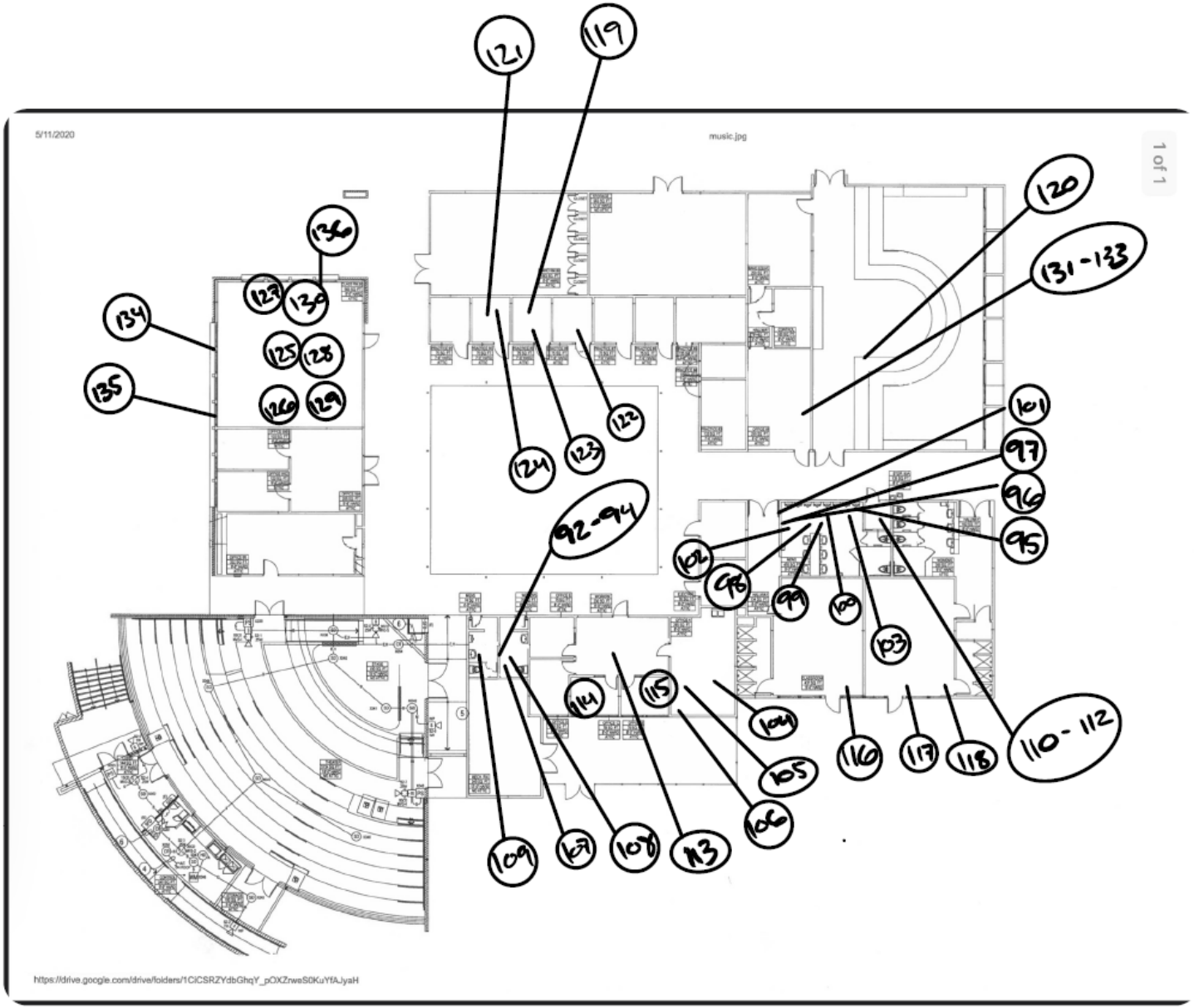


BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N • Tustin, CA 92780
Phone (714) 247-0024 • Fax (714) 247-0025

CCCD - Compton Community College
Music Building/Building Y
Asbestos Sample Location Drawings

(Exterior Samples 92-136)

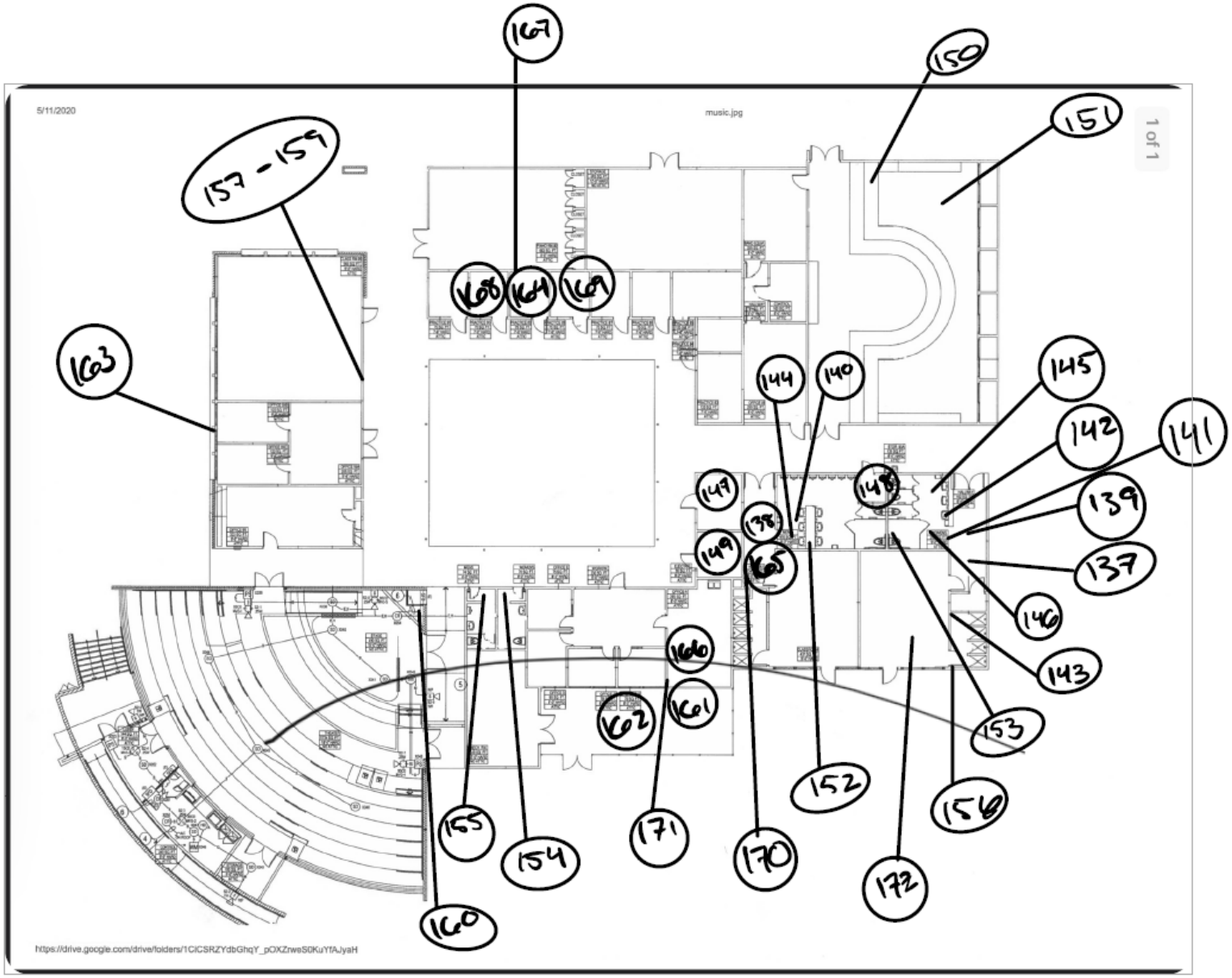


BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N • Tustin, CA 92780
Phone (714) 247-0024 • Fax (714) 247-0025

CCCD - Compton Community College
Music Building/Building Y
Asbestos Sample Location Drawings

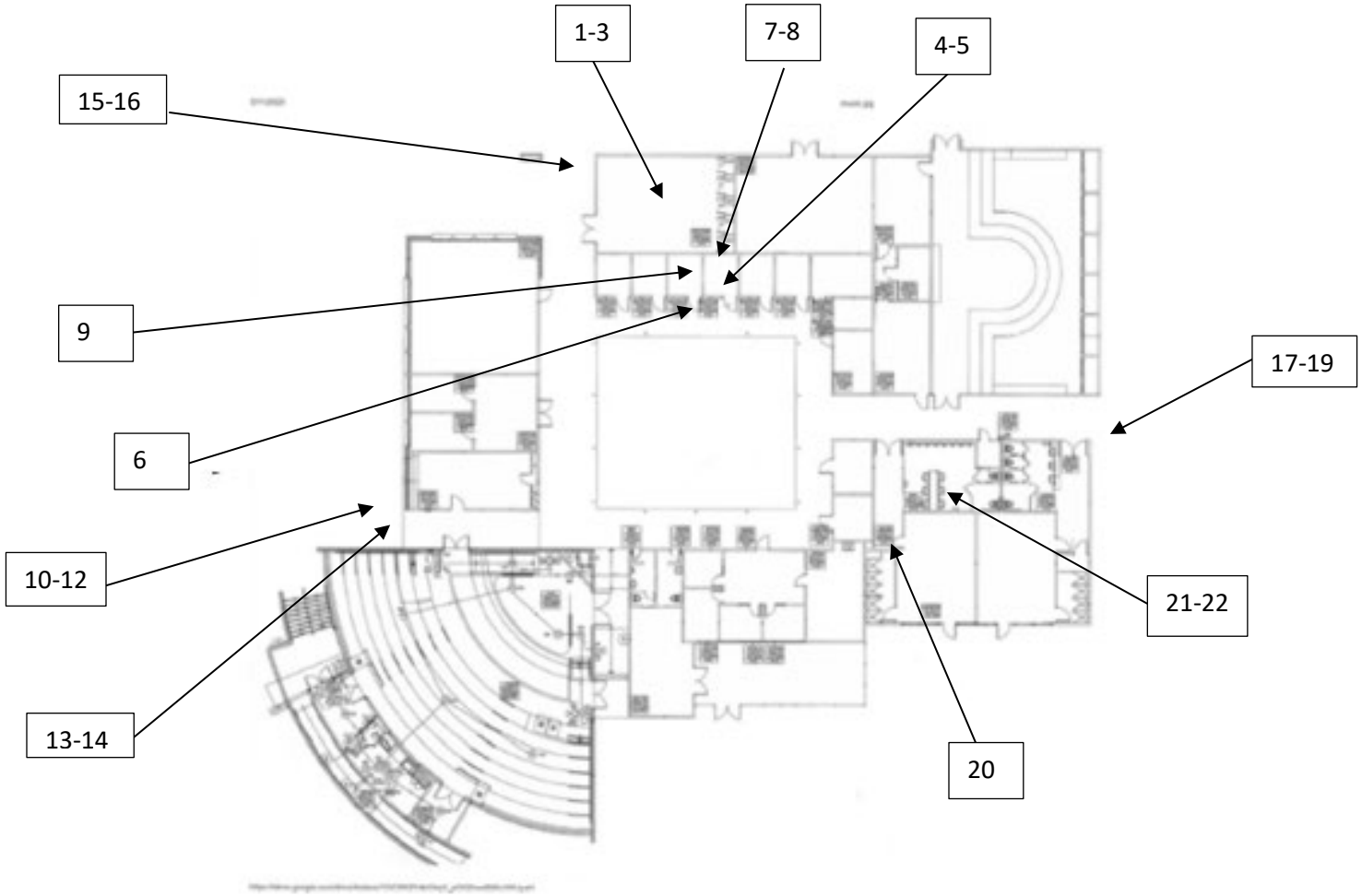
(Samples 137-172)



BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N • Tustin, CA 92780
Phone (714) 247-0024 • Fax (714) 247-0025

Compton Community College District
Compton College - Building Y - VAPA Project
Asbestos Bulk Sample Location Drawing



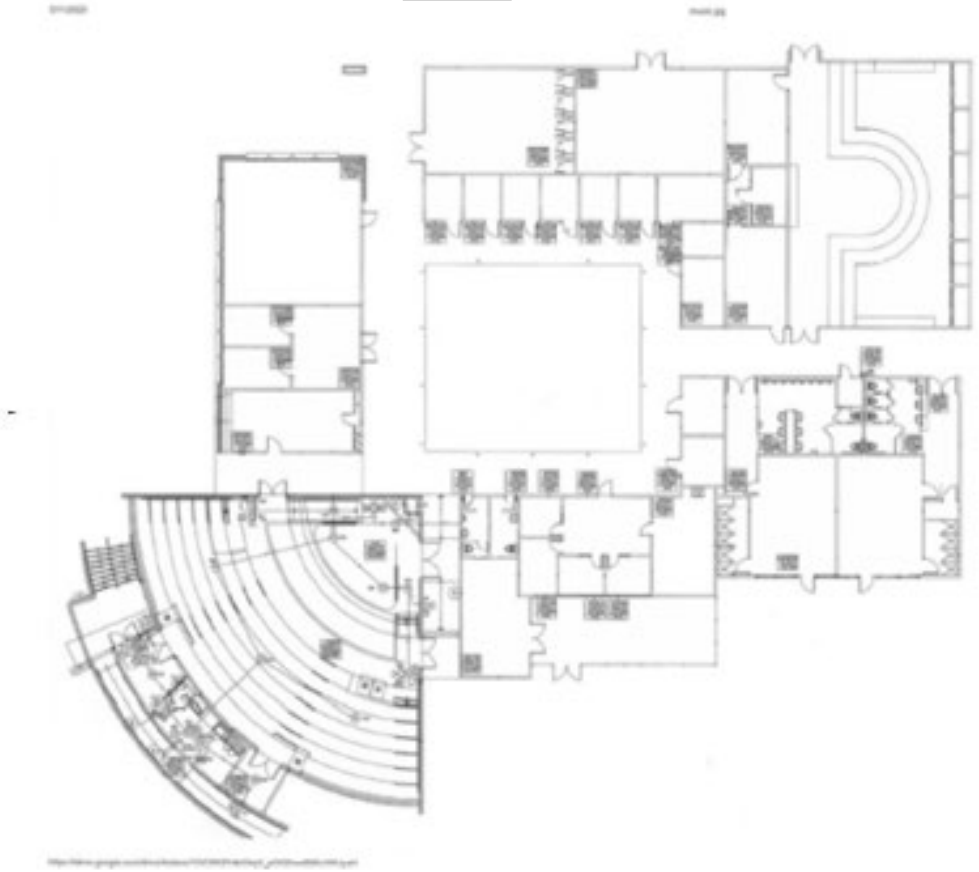
BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N • Tustin, CA 92780
Phone (714) 247-0024 • Fax (714) 247-0025

Compton Community College District
Compton College – Building Y - VAPA Project
Lead-Based Paint XRF Sample Location Drawing (For Reference Only)

D

C



A

B

BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N ◆ Tustin, CA 92780
Phone (714) 247-0024 ◆ Fax (714) 247-0025

APPENDIX E

SURVEY PHOTOGRAPHS

CCCD - Compton Community College
Music Building/Building Y
Survey Photographs

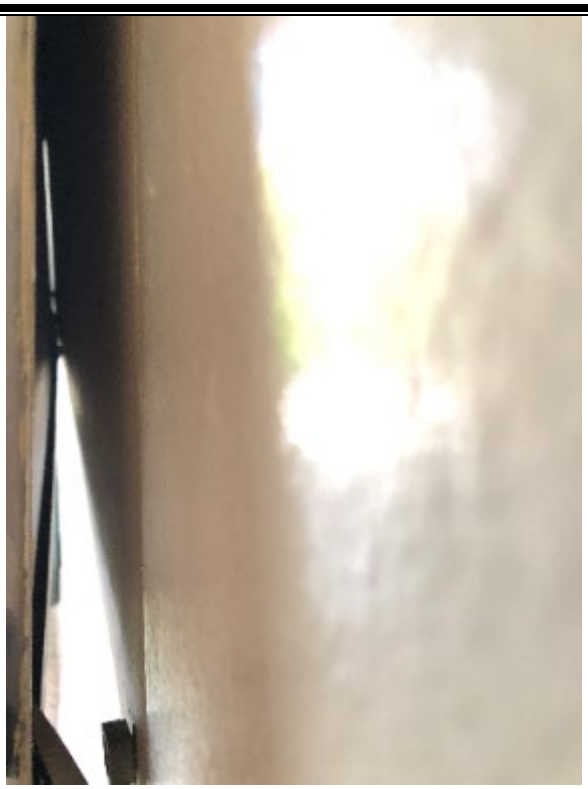
BAINBRIDGE
Environmental Consultants

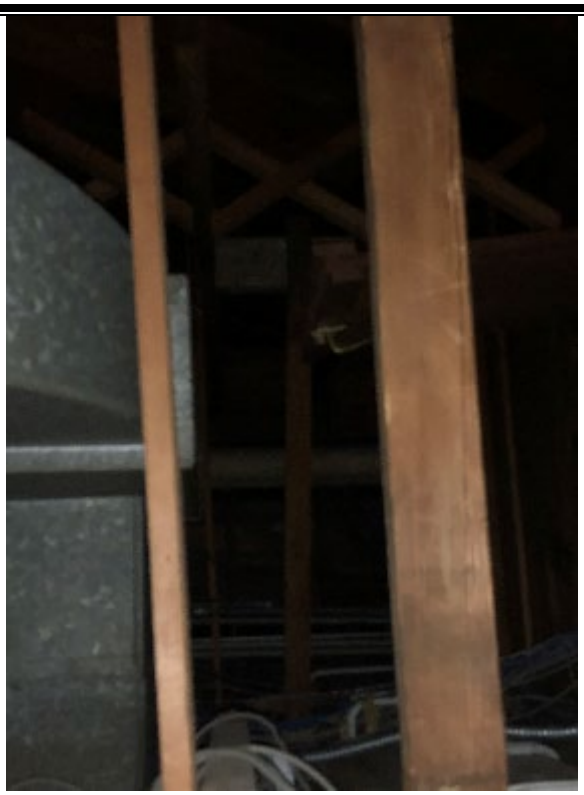
CCCD - Compton Community College
Music Building/Building Y
Survey Photographs

BAINBRIDGE
Environmental Consultants

CCCD - Compton Community College
Music Building/Building Y
Survey Photographs

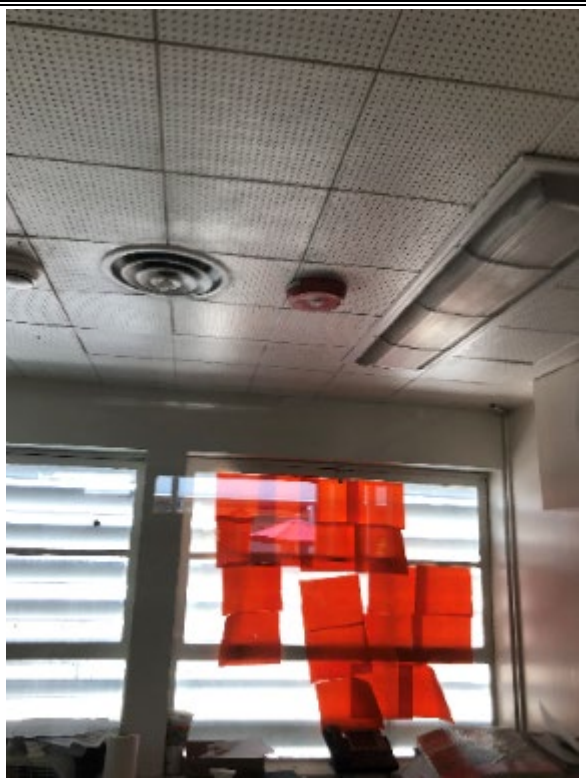
BAINBRIDGE
Environmental Consultants

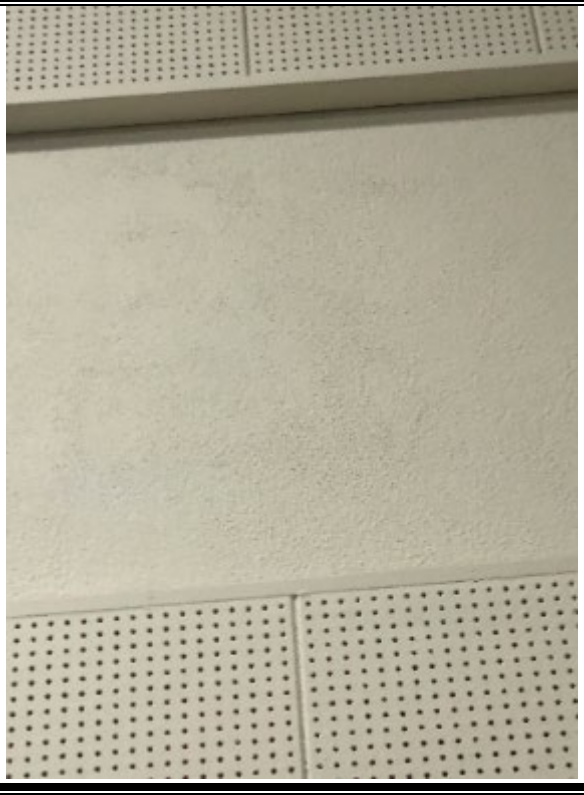




CCCD - Compton Community College
Music Building/Building Y
Survey Photographs

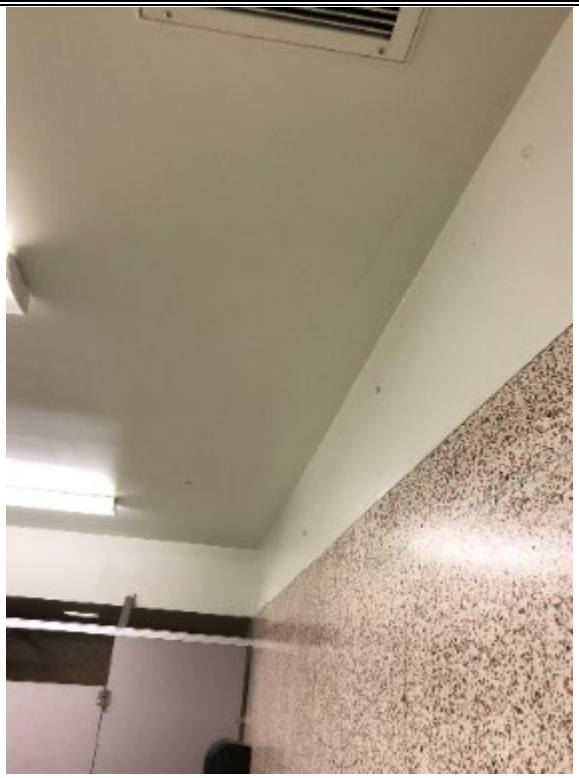
BAINBRIDGE
Environmental Consultants



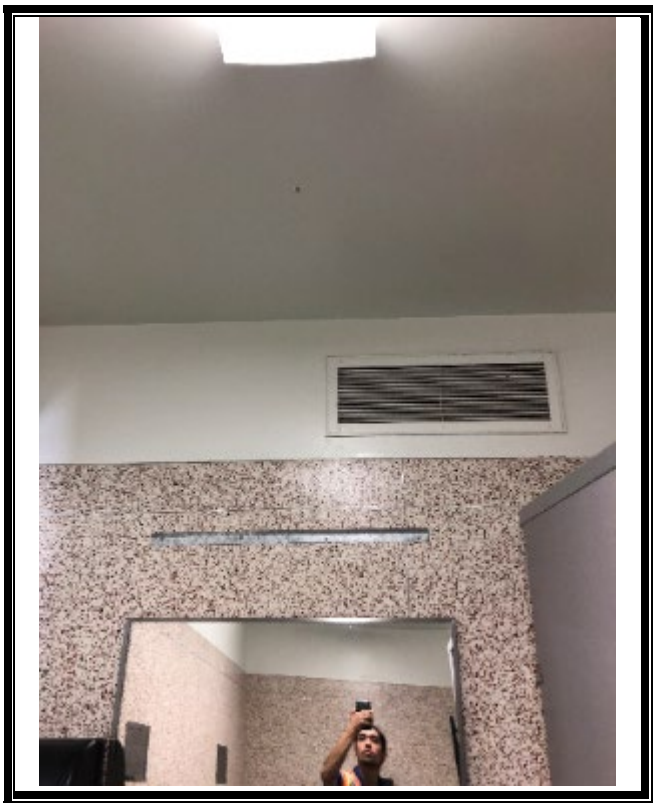


CCCD - Compton Community College
Music Building/Building Y
Survey Photographs

BAINBRIDGE
Environmental Consultants

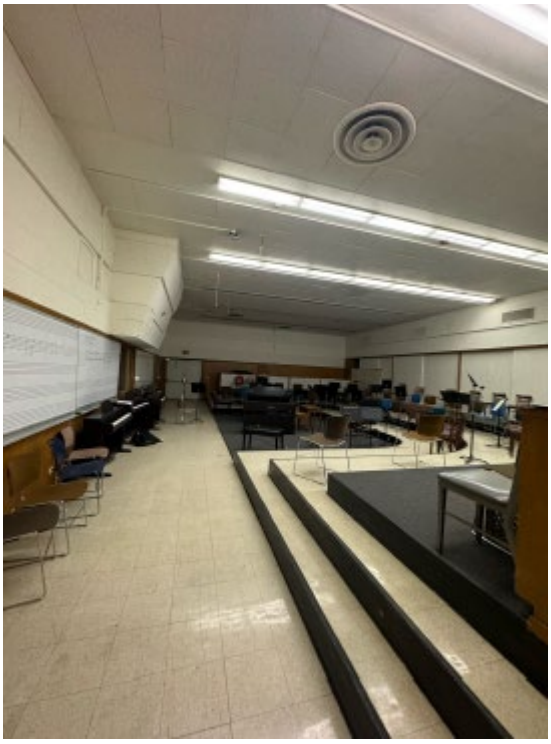


CCCD - Compton Community College
Music Building/Building Y
Survey Photographs



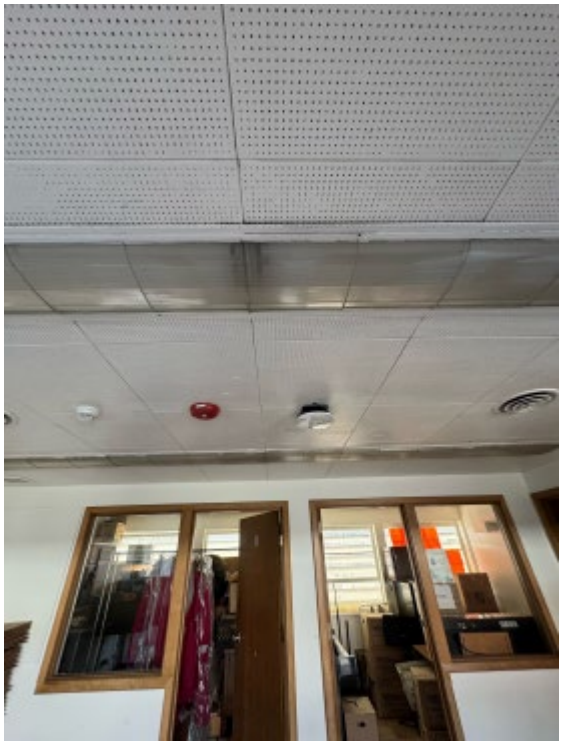
Compton Community College District (CCCD)
Compton College - Building Y - VAPA Project
Survey Photographs

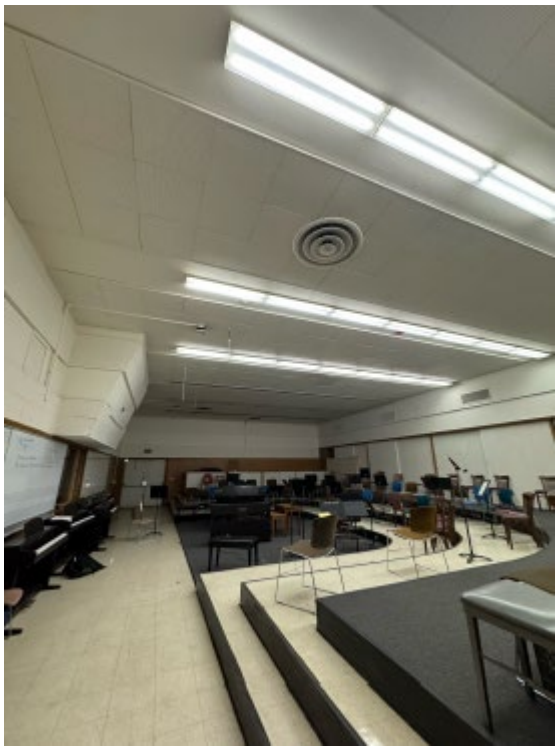
BAINBRIDGE
Environmental Consultants



Compton Community College District (CCCD)
Compton College - Building Y - VAPA Project
Survey Photographs

BAINBRIDGE
Environmental Consultants



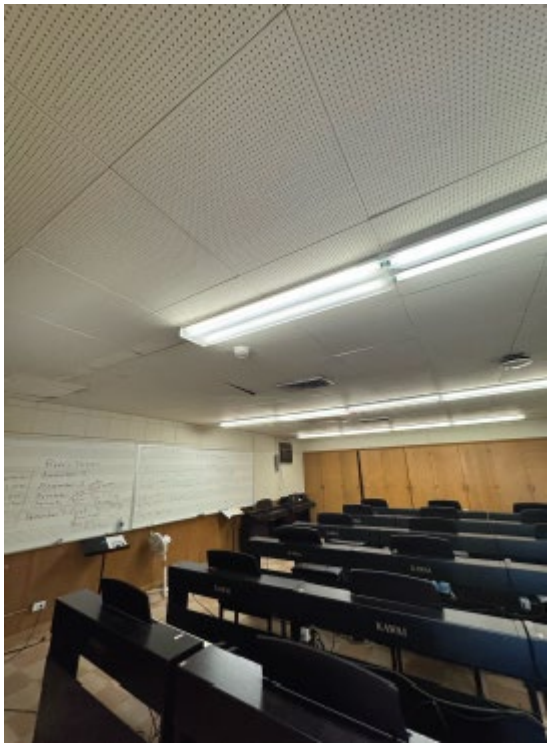


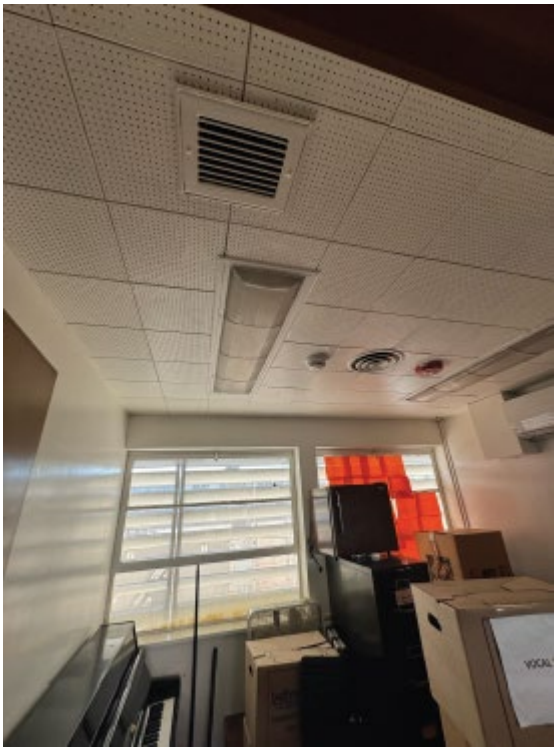
Compton Community College District (CCCD)
Compton College - Building Y - VAPA Project
Survey Photographs

BAINBRIDGE
Environmental Consultants

Compton Community College District (CCCD)
Compton College - Building Y - VAPA Project
Survey Photographs

BAINBRIDGE
Environmental Consultants





ASBESTOS ABATEMENT PROJECT SPECIFICATIONS

For:

COMPTON COLLEGE
BUILDING Y – VAPA PROJECT
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

PRESENTED TO:

Compton Community College District
1111 East Artesia Boulevard
Compton, California 90221

PRESENTED BY:

BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N
Tustin, CA 92780
Phone: 714-247-0024
Fax: 714-247-0025

Bainbridge Project # 24129324.12
December 4, 2024

SECTION 02080 - ASBESTOS ABATEMENT

PART 1 – GENERAL

The work required to be performed by the Contractor comprises the following:

Project Title: Compton Community College – Building Y – VAPA Project
Client: Compton Community College District
Location: 1111 East Artesia Boulevard, Compton, California 90221

1.1 WORK DESCRIPTION

The work included consists of furnishing labor, materials, permits, equipment, services, insurance including but not limited to the handling and transportation and disposal of asbestos-containing materials and waste resulting from the removal of asbestos-containing materials in various areas. This work shall be conducted by a licensed abatement contractor and certified personnel in accordance with all applicable Federal, State, and local regulations.

A. Materials and their quantities to be abated shall be verified by the General Contractor/Abatement Contractor prior to the abatement work. Abatement work shall be cross-referenced and shall be coordinated with Compton Community College District. Refer to Bainbridge's Limited Asbestos and Lead-Based Paint Survey Report for Compton Community College – Building Y – VAPA project dated December 4, 2024, for a full and complete description of the materials and locations surveyed. The asbestos-containing materials to be abated and their general location(s) and estimated quantities are follows:

Asbestos-Containing Materials

Sample No.	Sample Location	Sample Description	Color	Friable Non-Friable	Approx. Quantity	Laboratory Results
7	Room 88	Transite Panel	White	Non-Friable	1,000 Sq. Ft.	12% Chrysotile
8	Room 88	Transite Panel	White	Non-Friable	Included Above	12% Chrysotile
9	Room 89	Transite Panel	White	Non-Friable	Included Above	12% Chrysotile

In the event that other materials are found to be similar or homogenous to the materials sampled, and determined to contain asbestos, those similar or homogenous materials will be considered assumed asbestos containing materials. Prior to bid, contractor is responsible for field verification of all identified and/or assumed asbestos-containing materials, their quantities and measurements.

B. Asbestos abatement observation services shall be conducted by a third party consultant and shall be contracted directly by Compton Community College District.

C. All applicable codes and regulations revised and updated are made part of these specifications by reference herewith.

1. Code of Federal Regulations (CFR):

40 CFR Part 763	Asbestos Containing Materials In Schools
29 CFR 1910.1001	Occupational Exposure to Asbestos, Tremolite, Anthophyllite and Actinolite
29 CFR 1910.1101	Asbestos
29 CFR 1910.1200	Hazard Communication
29 CFR 1910.20	Access to Employee Exposure and Medical Records
29 CFR 1910.132	General Requirements - Personal Protective Equipment
29 CFR 1910.133	Eye and Face Protection
29 CFR 1910.134	Respiratory Protection
29 CFR 1910.145	Specifications for Accident Prevention, Signs and Tags
29 CFR 1926.1101	Asbestos Standard for construction Industry
40 CFR 61	Sub-part A General Conditions
40 CFR 61	Sub-part M National Emission Standards for Asbestos
40 CFR 61.152	Standard for Waste Disposal for Manufacturing, Demolition, Renovation, Spraying and Fabrication Operations

2. U. S. Environmental Protection Agency (EPA):

Publication No.	
560/5-85-024	Guidance for Controlling Asbestos-Containing Materials in Buildings

3. National Institute of Occupational Safety and Health (NIOSH):
Manual of Analytical Methods, 2nd Ed., Vol. 1.
Physical and Chemical Analysis Method (P&CAM):
Method 239, Asbestos Fibers in Air
Method 7400, Fibers (N1, 3rd Ed., Vol. 1.)

4. American National Standard Institute (ANSI):

Z9.2-1979	Fundamentals Governing The Design and Operation of Local Exhaust Systems
Z88.2-1980	Practices for Respiratory Protection

5. National Fire Protection Association (NFPA):

Standard 90A	Installation of Air Conditioning and Ventilation Systems.

6. American Society for Testing Materials (ASTM):

E 849-82	Safety and Health Requirements Relating to Occupational Exposures to Asbestos
P-189	Specifications for Encapsulants for Friable Asbestos-Containing Materials

7. Underwriters Laboratories, Inc. (UL):

586-77 (R1982)	Test Performance of High Efficiency, Particulate, Air Filter Units

8. Title 8 California Code of Regulations (CCR):

Section 1529	Asbestos
Section 5208	General Industry Safety Orders
Section 5144	Respirator Regulations

9. South Coast Air Quality Management District – Rule 1403

10. Local and other regulations

1.2 CONTRACTOR'S QUALITY ASSURANCE

A. Safety Compliance: In addition to detailed requirements of this specification, comply with laws, ordinances, rules, and regulations of federal, state, regional, and local authorities and publications regarding handling, storing, transporting, and disposing of asbestos waste materials. Submit matters of interpretation of standards to the appropriate administrative agency for resolution before starting the work. Where the requirements of this specification and referenced documents vary, the most stringent requirement shall apply.

B. Contractor shall have at least one copy each of 29 CFR Part 1910 - Occupational Safety and Health Standards, 29 CFR 1926.1101, 40 CFR Part 61, sub-parts A & M, and all pertinent state and local regulations at his office and at the job site.

C. Before the commencement of any work at the site, the contractor shall post EPA and OSHA caution signs in and around the work area to comply with EPA and OSHA regulations.

D. Personal monitoring and other monitoring, which are required by law, or considered necessary by the Contractor for worker protection shall be the responsibility of the Contractor.

E. Area monitoring will be performed by the Observation Service. A predetermined number of air samples will be collected at various stages of the Work, in designated places inside and outside the Work areas.

1.3 SUBMITTALS AND NOTIFICATIONS

A. At the pre-construction meeting, Contractor shall submit (1) declaration certifying that all Contractor's employees have been adequately trained, and (2) a photocopy of training certificates for each employee from their respective training agency or organization. When certified or other formal worker training is required by state or local agencies, Contractor may submit a photocopy of the employee's asbestos worker certification card in lieu of training certificates.

B. Submit at Pre-construction Meeting manufacturer's certification that the respirators to be used in this Project comply with government agency requirements. Contractor's certifications for each employee must clearly state that each employee has been fit tested and properly trained for respirators.

C. Submit proof that all persons providing labor and/or professional services who will be entering abatement work areas have had current (less than one year prior to the date of their participation on the Project) medical examinations. Furnish physician's interpretation of said examinations to the State on the Certificate of Medical Compliance form provided in the Supplementary General Conditions section of these Construction Documents at the Pre-construction Meeting, or prior to that person's commencing work on this Project, and for each person subsequently providing labor and/or professional services at the job site for whom a certificate was not initially furnished. Refer to Article 3.5, A. NOTE: In lieu of the above certificate, current medicals will be acceptable providing that a statement in the medical exam declares that the worker can wear a negative pressure respirator while performing their work. Contractor shall resubmit physician's interpretation of medical examination for each worker or professional employed by him whose physician or regulatory required annual or employment termination examination becomes due while said worker or professional is participating in the Project. This requirement can be waived or modified only by COMPTON COMMUNITY COLLEGE DISTRICT in writing or verbally, followed up in writing.

D. Immediately after Contractor has received the COMPTON COMMUNITY COLLEGE DISTRICT’s Notice of Award, submit manufacturer's catalogue, samples, Material Data Safety Sheets, (MSDS) and other items needed to demonstrate the quality of the proposed abatement materials. Under no circumstances shall proposed materials be used before written approval from COMPTON COMMUNITY COLLEGE DISTRICT, COMPTON COMMUNITY COLLEGE DISTRICT’s Representative or Observation Service. Submittals are required if the following materials are proposed:

1. Encapsulant

2. Surfactant

3. Protective packaging

4. Lagging adhesive

5. Glove bags

6. Restaurant

7. Solvents

E. Submit at Pre-construction Meeting proof satisfactory to COMPTON COMMUNITY COLLEGE DISTRICT, or the Observation Service that all required permits have been obtained and notifications have been sent. Contact and notify the following government agencies in writing ten working days prior to the commencement of Work:

1. EPA Regional Asbestos Coordinator,

2. Occupational Safety and Health Administration,

3. Local Air Quality Management District,

4. Local Fire Department if required,

All notifications shall contain as a minimum the following information:

1. Name, address and telephone number of COMPTON COMMUNITY COLLEGE DISTRICT including the contact person.

2. Name, address, EPA numbers, license number and telephone number of the Contractor including the contact person.

3. Name, address and description of the building, including size, age, and prior use of building.

4. The type and quantity of asbestos material involved and the description of the Work.

5. Scheduled starting and completion dates for Abatement Work.

6. Procedures that shall be employed to comply with the regulations.

7. The name, address, EPA number and telephone number of the Transporter.

8. The name and address of the Hazardous Waste Disposal Facility where the Asbestos Waste shall be deposited.

F. Submit at Pre-Construction Meetings copies of all government agency correspondence and proof of delivery. No work shall commence until verification of required notifications is made by the Observation Service.

G. Submit at Pre-construction Meeting the method of transport of hazardous and non-hazardous waste, including the name, address, EPA ID number, and telephone number of the transporter(s).

H. Submit for approval at the Pre-construction Meeting the name, address, EPA ID number, and telephone number of the hazardous and non-hazardous waste disposal facility(s) to be used.

I. Submit at the Pre-construction Meeting for approval a detailed plan of the work procedures to be used in the abatement of the asbestos-containing materials. The asbestos plan must be approved in writing by the Observation Service and COMPTON COMMUNITY COLLEGE DISTRICT before the start of any work, including work mobilization. The plan shall include:

1. Location of Asbestos Work Areas.

2. Layout and construction details of Decontamination Enclosure Systems.

3. Project schedule including critical paths, interface of other trades, and completion dates of abatement stages and work areas.

4. Personal air monitoring procedures.

5. Detailed description of the method to be employed in order to control pollution, including negative air equipment calculations.

6. Names of Superintendent, Foremen, Project Manager and other key personnel, and their day time, emergency telephone numbers and pagers.

7. Security Plan including sketches necessary to clearly describe the plan.

8. Emergency evacuation plan for injured workers, compressor failure, fire and other emergencies.

J. Submit at Pre-construction Meeting manufacturer's certification that vacuums, equipment filters, and other local exhaust ventilation equipment conform to ANSI Z9.2-1979.

K. Provide proof of Contractor's License and Asbestos Certification from the Contractor Licensing Board, and proof of registration with the Division of Occupational Safety and Health in accordance with California Labor Code, Section 6501.

PART 2 - PRODUCTS

2.1 GENERAL

A. Contractor shall furnish, provide and utilize the following products in the Work as specified herein.

B. The Work is based on the materials, equipment and methods described in these specifications. COMPTON COMMUNITY COLLEGE DISTRICT or the Observation Service will consider proposals for substitutions of materials and equipment only when such proposals are accompanied by written technical product data.

C. No materials or equipment shall be substituted unless approved in writing by COMPTON COMMUNITY COLLEGE DISTRICT or the Observation Service.

2.2 PROTECTIVE COVERING (PLASTIC) AND DISPOSAL BAGS

A. Shall be fire retardant plastic or equivalent with a thickness of ten mil, six mil, four mil and three mil polyethylene sheets. Disposal bags shall be pre-printed with labels as required by CFR 40 Part 60 or applicable CAL-OSHA requirements.

2.3 TAPE AND GLUE

A. Duct Tape 2" or wider, or equal, and capable of sealing joints of adjacent sheets of plastic, and for attachment of plastic sheet to finished or unfinished surfaces of dissimilar materials. The bonding strength and seal must not be affected by mist, water, encapsulating agent or any other materials used in the work.

2.4 PROTECTIVE PACKAGING

A. Appropriately labeled clear, double six (6) mil sealable polyethylene bags as a minimum.

B. Bilingual labels (English and other appropriate language) on containment glove bags, waste packages, contaminated material packages and other containers shall be in accordance with EPA or OSHA standards.

2.5 WARNING LABELS AND SIGNS

A. As required by 29 CFR 1910.1001, 29 CFR 1910.1200, 29 CFR 1926.58 and other pertinent state and local codes and regulations.

2.6 WETTING AGENT OR SURFACTANT

A. Surfactant, or wetting agent, for amending water will be 50 percent polyoxyethylene polyglycol ether and 50 percent polyoxyethylene ether, or equivalent, at a concentration of one (1) ounce per five (5) gallons of water. The material must be odorless, non-flammable, non-toxic, non-irritant and non-carcinogenic.

2.7 ENCAPSULATING SEALER

A. Shall be a penetrating or bridging type, pollution-free, water based, nontoxic, with a Class A fire classification as specified herein. Encapsulants with the ingredient Methylene Chloride are not acceptable unless the contractor can prove to COMPTON COMMUNITY COLLEGE DISTRICT's satisfaction that equal substitute materials are not available. If substitutes are not used, the Contractor shall submit with the asbestos plan, for approval, respiratory protection and negative air discharge procedures to protect workers, authorized personnel and the public from Methylene Chloride exposure. Material shall be flexible when cured, resistant to weathering, oxidation, aging and abuse.

2.8 LAGGING ADHESIVE

A. Shall meet NFPA 90A Code, such as Arabol, Childers CP52, Insul-Coustic 102, or approved equal.

2.9 TOOLS AND EQUIPMENT

A. Provide suitable tools for asbestos removal and encapsulation.

B. HEPA vacuums shall comply with ANSI Z9.2-1979

C. Ladders and scaffolds shall be of required OSHA dimensions and quantities so that all work surfaces can be easily and safely accessed.

D. Electrical equipment shall be UL-listed and approved, and shall have ground-fault interrupt.

E. Airless spray equipment shall have a nozzle pressure with an adjustable range of 400-1500 psi.

PART 3 - REQUIREMENTS FOR WORKER PROTECTION

3.1 TRAINING PROGRAM

A. Each employee shall receive training in the proper handling of materials that contain asbestos, including all aspects of work procedures and protective measures, use of protective clothing and respiratory protection, use of showers, entry and exit procedures from Work areas and in OSHA regulations. Each employee shall also understand the health implications and risks involved, including the illness possible from exposure to airborne asbestos fibers and the increased risk of lung cancer associated with smoking cigarettes and asbestos exposure, understand the use and limits of the respiratory equipment to be used, and understand the purpose of medical surveillance and the monitoring of airborne quantities of asbestos as related to health and respiratory equipment. The training program shall comply with federal, state and local regulatory requirements.

B. Emergency evacuation procedures to be followed in the event of Worker injury or shall be included in the worker training program.

3.2 DRESS AND EQUIPMENT

A. Work clothes shall consist of disposable full-body coveralls, head covers, boots, rubber gloves or equivalent. Sleeves at wrists and cuffs at ankles shall be secured. Fire retardant full-body coveralls are required in areas of open flame, or where required by local regulations.

B. Eye protection and hard hats shall be available as appropriate or as required by applicable safety regulations.

C. Provide authorized visitors with suitable protective clothing, headgear, eye protection, and footwear whenever they are required to enter the Work area.

3.3 RESPIRATORS

A. Respiratory protective equipment shall be MSHA/NIOSH approved in accordance with the provisions of 30 CFR Part 11. Respiratory instructions shall be posted in the clean room or work area.

B. Half-mask or full-face air-purifying respirators with HEPA filters may be worn during the preparation and work being performed.

C. The Contractor shall provide Workers with approved, permanently personally-issued and marked respirators with changeable filters. The Contractor shall provide a sufficient quantity of filters approved for Asbestos so that Workers can change filters during the workday. Filters shall not be used any longer than one (1) workday or whenever an increase in breathing resistance is detected. The respirator filters shall be stored at the job site in the Clean Room and shall be totally protected from exposure to asbestos before their use.

D. Workers shall always wear a respirator, properly fitted on the face, in the Work Area, from the start of preparation work until all areas have been given written clearance by the Observation Service.

3.4 WORKER PROTECTION PROCEDURES

Bilingual (English and other appropriate language) Worker protection procedures must be posted in the Clean Room or Work Area. If the first language of all Workers is English, the bilingual procedures are excepted.

A. Each Worker and Authorized Visitor shall, upon entering the job site: remove street clothes and put on a respirator and clean protective clothing before entering the Work Area.

B. All Workers shall, each time they leave the Work Area: remove gross contamination from clothing before leaving the Work Area; proceed to the Equipment Room and remove all clothing except respirators; still wearing the respirator, proceed naked to the showers; clean the outside of the respirator with soap and water while showering; remove the respirator; thoroughly shampoo and wash themselves.

C. Following showering and drying off, each Worker shall proceed directly to the Clean Room and dress in their personal clothing. Before reentering the Work Area, each Worker and Authorized Visitor shall put on a clean respirator and shall dress in clean protective clothing.

D. Contaminated protective clothing and work footwear shall be stored in the Equipment Room when not in use in the Work Area. At appropriate times or upon completion of Asbestos Abatement, dispose of protective clothing and footwear as contaminated waste, or launder in accordance with government regulations.

E. Workers removing waste containers from the Equipment Decontamination Enclosure shall enter the Holding Area from outside wearing a respirator and dressed in clean disposable coveralls. No Worker shall use this system as a means to leave or enter the Washroom or the Work Area.

F. The disposable clothing worn outside the Work Area shall be of different color or markings from the disposable clothing worn inside the Work Area.

G. Workers shall not eat, drink, smoke, or chew gum or tobacco while in the Work Area. Workers and Authorized Visitors with beards or who are unshaven shall not enter the Work Area.

3.5 MEDICAL DOCUMENTS

A. Before exposure to airborne Asbestos, the Contractor will provide each employee providing labor or professional services at the Project site with a current comprehensive medical exam, including a history of respiratory and gastrointestinal diseases, meeting the general definition outlined in 29 CFR 1910.1001, 29 CFR 1910.134, 29 CFR 1926.1101 and California Administrative Code Title 8, CAC Section 5208, page 442.2.l sub-part 1. The contractor shall submit a current medical examination report. The medical report shall contain a statement from the examining physician that the employee can function normally wearing a respirator or that the safety or health of the employee or other employees will not be impaired by his use of a respirator.

No employee will be allowed to enter the Work Area without having first provided the completed copy of their medical examination to COMPTON COMMUNITY COLLEGE DISTRICT‘s Representative and until the medical report has been approved by the Observation Service.

3.6 EMPLOYEE IDENTIFICATION

A. Each employee shall bring to the job at least two forms of identification, one of which has his/her photograph.

PART 4 - WORK EXECUTION - ASBESTOS ABATEMENT PROCEDURES

4.1 WORK AREA PREPARATION AND REMOVAL FOR ASBESTOS MATERIALS

A. Preparation procedures for the Work including the removal the asbestos-containing materials and associated debris. Removal of these materials or other friable asbestos-containing materials**,** unless specified otherwise, shall be executed inside a fully "Contained" Work area.

1. All surfaces and fixed objects including carpets in the Work areas shall be pre-cleaned using HEPA filtered vacuums and/or wet cleaning methods as appropriate. Methods that would raise dust, such as dry sweeping or vacuuming with equipment with non HEPA filters must not be used. Asbestos-containing materials must not be disturbed during the pre-cleaning phase.

2. Contractor shall isolate the Work area for the duration of the Work by sealing all openings including, but not limited to, HVAC ducts, diffusers and grilles, skylights, doorways, and windows, with six (6) mil polyethylene taped securely to a clean surface. Spray adhesive, used on finished surfaces, should be avoided where possible. Construct barriers that enclose or separate Work Areas with wood or metal framing members and sheathed with 3/8" min. plywood. Barriers shall form a seal at vertical walls and at the floor deck above and below.

3. HVAC systems shall be shut down. Contractor shall design the Work area preparation and engineering controls as specified and/or as required to prevent damage to and contamination of the affected HVAC system. Contractor shall remove HVA system filters, and pack them in protective six (6) mil polyethylene sheeting for proper disposal. The Contractor shall install new filters upon completion of all Work.

4. Contractor shall remove all movable objects including but not limited to carpets from the Work area. All fixed and movable objects requiring cleaning shall be washed with amended water or cleaned with a HEPA filtered vacuum.

5. Clean and cover fixed and movable objects that remains in the Work area with six (6) mil polyethylene sheeting taped securely in place.

6. The objects removed shall be stored in a location designated by COMPTON COMMUNITY COLLEGE DISTRICT, and in a manner that will prevent contamination or damage to the objects. Damaged and missing objects will be replaced by the Contractor at his own expense and to the satisfaction of COMPTON COMMUNITY COLLEGE DISTRICT.

7. Seal and protect all light fixtures, exit signs and other electrical items, etc., that will remain within the Work area, with six (6) mil polyethylene, taped securely. The polyethylene cover shall be kept away from heat-generating electrical devices where fire or damage to the device is possible. Light fixtures and all other electrical items shall be thoroughly cleaned before covering.

8. Install 2' x 2' plexiglass observation window(s) at strategic location(s) in the "Containment" barrier to allow observation of work from outside the Work Area.

9. Seal all wall, plumbing, duct and other cavities to prevent asbestos materials contamination "fallout" from falling into cavities during the Work.

10. The Contractor shall check regularly (at beginning, middle and end of each shift as a minimum) all polyethylene isolation and containment (protective) barriers for punctures, loose seals, contact with heat-generating devices, etc. Problem areas shall be repaired or mended immediately.

11. Maintain existing emergency exits from the building**.** Maintain a minimum of two (2) exits from Work Areas where possible. The first exit shall be the Worker the Decontamination Enclosure System. The second exit may be the Equipment Decontamination Enclosure System or a ripcord type, emergency only exit in the plastic containment at a door, window or other appropriate location. Exits, where possible, shall be on opposite ends of the Work Area. All exits shall be labeled in bright letters or signage. The second exit shall be labeled "Emergency Exit Only." Establish alternative exits satisfactory to fire officials where existing building or Work Area emergency exits are unavoidably blocked by activities of this project.

12. Provide and maintain appropriate fire extinguishers inside and outside the Work.

13. All electrical power must be shut down during the wet removal or encapsulation phase of the Work. Provide temporary power and lighting when necessary, and ensure safe installation of temporary power sources and equipment per applicable electrical code requirements including appropriate ground fault protection. Temporary light fixtures will be explosion proof. Provide and maintain auxiliary diesel generator equipment where existing facility power is insufficient. Locate generator or vent generator exhaust in a manner that will prevent carbon monoxide hazards to workers and the public. When power shutdown is required, the Contractor shall check for conditions where shutdown will pose a danger to the building or to the building's components. Contractor shall take all precautions necessary, including inspections and testing, to insure the safety of his employees and other building occupants from electrical hazards during the course of the Work. Existing fire, smoke detection and other life safety systems shall be kept in operation at all times, or, the Contractor shall install and maintain a temporary system or alternate acceptable to COMPTON COMMUNITY COLLEGE DISTRICT and local fire officials.

14. The Contractor shall install and maintain negative air pressure equipment during the abatement and decontamination phases of the Work until the clearance test has passed. A sufficient amount of air shall be exhausted by the unit(s) to create a pressure of -0.02 inches of water within the Work area with respect to the area outside the Work area. A backup negative air unit must be in place in the event that the initial unit fails. In the event of a power failure, the backup emergency unit must be self-starting with a diesel generator back-up power. Locate the generator or vent generator exhaust in a manner that will prevent carbon monoxide hazards to workers and others in the building When more than one negative air pressure unit is required, emergency power back-up is required for at least half of all the units.

15. Install and maintain a manometer from the time abatement begins until the clearance test has passed in all Work areas. All ratings must be recorded in writing for the duration of the Work. Report the readings to the Observation Service at the start and end of each work shift.

16. Notify the Observation Service twenty-four hours in advance of when preparatory steps will be completed. Asbestos Abatement Work shall not commence until: all preparation requirements have been completed; all tools, equipment, and materials are on hand; all required submittals, notices and permits have been approved, and until the Observation Service authorizes that Work may commence.

17. Daily log: Maintain for the duration of the project from the first disturbance of asbestos-containing material, a sign-in/sign-out log. All persons performing work or visiting the site must print, sign, and date the logbook along with their company name showing duration at work site.

B. Removal procedures for "Contained" Work:

1. Remove all visible accumulations of asbestos material and debris. Wet-clean all surfaces within the Work area to remove asbestos residue.

2. Upon completion of the cleaning, the Contractor shall perform a complete visual inspection of the Work area to ensure that the Work area is free of any visible debris or residue.

3. Upon completion of the visual inspection, the Contractor shall notify the Observation Service in advance that the Work area is ready for an inspection.

4. Upon proper notification, the Observation Service will inspect the Work area for general conformance with the Specifications. Any nonconformance of the Work shall be remedied by the Contractor until the Work area is in compliance, and at the Contractor's expense.

5. Once the inspection is performed and the Work is approved by the Observation Service, the Contractor shall encapsulate the surfaces where asbestos materials have been removed. All surfaces within ceiling and other accessible cavities where spray-applied or trowel-applied materials have been removed shall also be encapsulated. The encapsulant shall be compatible with the existing substrate and replacement materials and shall be rated to safely withstand the temperature of the items to which it will be applied.

6. Upon completion of the encapsulation work, the Contractor shall notify the Observation Service in advance that the encapsulated surfaces are ready for inspection.

7. Upon proper notification, the Observation Service will inspect the encapsulated surfaces for general conformance with the Specifications. Any nonconformance of the Work shall be remedied by the Contractor until the Work is in compliance and at the Contractor's expense.

8. Upon successful compliance with the encapsulation inspection by the Observation Service, the Contractor shall remove the outer layer of plastic on the walls, floors, and ceilings (where applicable). The inner plastic layer and isolation barriers on vents, grilles, diffusers, etc., shall remain in place.

9. The Contractor shall repeat the necessary steps to remedy and correct the decontamination and encapsulation procedures in the event that the Contractor does not pass the inspection as conducted by the Observation Service. Remedial work shall be conducted by the Contractor at the Contractor's expense.

10. Wet-clean the Work area, wait twenty-four hours to allow for the settlement of dust, and again wet-clean, or clean with HEPA vacuum equipment, all surfaces within the Work area. After completing the second cleaning operation the Contractor shall perform a complete visual inspection of the Work Area to ensure that the Work Area is free of contamination.

11. Sealed drums and bags, and all equipment used in the Work area, shall be included in the cleanup and shall be removed from the Work area via the equipment decontamination enclosure system, at the appropriate time in the cleaning sequence.

12. Upon completion of the second cleaning operation, the Contractor shall notify the Observation Service twenty-four hours in advance that the Work area is ready for final inspection and air clearance testing. Contamination found during the final inspection shall be remedied by the Contractor at his expense.

13. Upon notification from the Observation Service that the Work area has passed the clearance testing, the Contractor shall proceed**,** where applicable in the Contract, the application of asbestos-free replacement materials and re-establish objects and systems as specified in these specifications. The inner plastic layer and isolation barriers may be removed by the Contractor at any time after the Work Area inspection has passed the clearance testing.

14. Upon completion of the application of replacement materials (where applicable), or after the removal of the inner plastic layer, isolation barriers and the re-establishment of objects and systems, the Contractor shall notify the Observation Service twenty-four hours in advance that the Work area is ready for Review.

15. Upon notification, the Observation Service and COMPTON COMMUNITY COLLEGE DISTRICT's Representative will review the Work area. Improper application of replacement materials, unapproved damage to the facility or its contents, or improper re-establishment of objects and systems discovered during the review shall be itemized on a punch list for correction by the Contractor at his expense. If no deficiencies are discovered the Contract or this portion of the Contract shall be approved in writing by the Observation Service and COMPTON COMMUNITY COLLEGE DISTRICT's Representative as complete. If deficiencies are noted, continue with the subsequent procedures.

16. Upon correction of the punch list deficiencies the Contractor shall notify the Observation Service and COMPTON COMMUNITY COLLEGE DISTRICT 's Representative in advance that the Work area is ready for final review.

Upon notification, the Observation Service and COMPTON COMMUNITY COLLEGE DISTRICT's Representative will review the corrected Punch List deficiencies. If deficiencies have not been properly corrected, the Contractor shall repeat, at his expense, the above mentioned procedures until all deficiencies have been corrected and approved.

4.2 DECONTAMINATION ENCLOSURE SYSTEMS

A. Decontamination enclosure system for asbestos abatement work in "Contained" Work areas:

1. Construct a decontamination enclosure system for the Work area consisting of three separate enclosed chambers as follows:

a. Equipment chamber with an air lock to the Work area and a curtained doorway to the shower room.

b. Shower chamber with two curtained doorways, one to the equipment chamber and one to the clean chamber. The shower chamber shall contain one shower with hot and cold or warm water. Careful attention shall be paid to the shower enclosure to ensure against air and water leaks. Trap shower waste using filters having a maximum pore size of 1.0 micron, and drain into a sanitary sewer. Replace filters when they become clogged. Ensure a supply of soap and disposable towels at all times in the shower chamber.

c. Clean chamber with one curtained doorway into the shower and one entrance or exit to non-contaminated areas of the building. The clean chamber shall have sufficient space for storage of the worker's street clothes, towels, and other non-contaminated items.

2. Construct an equipment decontamination enclosure system consisting of two totally enclosed chambers as follows:

   a. Washroom with an air lock to a designated staging area of the Work Area and a curtained doorway to the holding chamber.

   b. Holding chamber with a curtained doorway to the washroom and a doorway to an uncontaminated area.

4.3 DISPOSAL

A. Waste Transportation: Submit the method of transport of hazardous and non-hazardous waste including name, address, EPA I.D. number and telephone number of transporter.

B. Waste Site: Submit for approval the name, class, address, EPA I.D. number and telephone number of hazardous waste site(s) to be utilized for disposal.

C. Waste Manifest: Submit for approval at the Pre-Construction meeting a filled out Waste Manifest form. For Waste Manifest purposes the Generator is the facility of the subject work. Obtain necessary information for this purpose from COMPTON COMMUNITY COLLEGE DISTRICT. Give a copy of the Waste Manifest to Observation Service for each required shipment.

D. Containers to be loaded for transportation from the Holding Area must be removed by Workers who have entered from uncontaminated areas, dressed in clean overalls. Workers must not enter from the Holding Area into the Washroom or the Work Area.

   1. The sealed asbestos containers shall be delivered to Contractor's pre designated approved non-hazardous waste site for burial; in accordance with local Air Pollution Control District Regulations.

E. Notify COMPTON COMMUNITY COLLEGE DISTRICT 48 hours in advance of the time when asbestos materials are to be removed from the site.

F. Contractor shall be responsible for safe handling and transportation of waste generated by this Contract to the designated waste site.

G. Contractor shall hold COMPTON COMMUNITY COLLEGE DISTRICT harmless for claims, damages, losses, and expenses against COMPTON COMMUNITY COLLEGE DISTRICT, including attorney's fees arising out of or resulting from asbestos spills on the site or spills on route to the disposal site.

4.4 ASBESTOS WHICH REMAINS

A. For asbestos-containing materials which cannot be removed as originally specified in these Contract Documents:

1. Apply a mist of encapsulating sealer into concealed areas with an airless sprayer, set at low pressure, to obtain absorption, good coverage, and penetration.

2. Contractor shall follow safety precautions required by manufacturer when handling sealer.

4.5 AIR MONITORING AND TESTING

A. Area Air Monitoring:

1. Throughout the removal and cleaning operations, area air monitoring shall be conducted by the Observation Service to ensure that the Contractor's work practices are minimizing worker and public exposures to airborne asbestos fibers in accordance with applicable codes, regulations, and ordinances. Fiber counting shall be done by the PCM Method No. 7400 established by NIOSH, with the following as minimum samples recommended by the EPA:

Areas To Be Sampled	Minimum No of Samples	Minimum Volume
Benchmark	1/work area	1300L
Work Area	1/work shift	1300L
Adjacent to Work Area	1/work shift	1300L
At Negative Air Equipment Exhaust	1/work shift	1300L

2. The Observation Service shall report the area air monitoring results to the Contractor on the following day. If area air monitoring results are exceed

the required threshold, the Contractor shall make changes in their work practices to assure compliance with the following standards. Unsatisfactory results are fiber counts within the Work area in excess of the maximum acceptable level (0.1 fibers/cc) or fiber counts outside the Work area in excess of the benchmark.

B. Contractor Personal Air Monitoring:

1. The Contractor shall perform periodic personnel air monitoring at their own cost. Initial and periodic eight (8) hour TWA and thirty (30) minute excursion limit air monitoring of Worker exposures to airborne concentrations of asbestos fibers shall be in accordance with OSHA - CFR 1926.1101 requirements.

2. The Contractor shall report personal monitoring results to the Observation Service within 24 hours from the end of each work shift. Worker exposures to airborne asbestos concentrations shall not exceed the permissible exposure limit (PEL) of 8-hour time-weighted average (TWA) of 0.1 fibers per cubic centimeter of air, or the 1f/cc 30-minute period excursion limit.

C. Clearance Testing:

1. Contained Work Areas: The Contractor will not be released until final inspection and air testing are performed according to Transmission Electron Microscopy (TEM) Methods (dependent on the quantity of ACM removed in each containment) in accordance with the guidelines set forth in the Environmental Protection Agency's 40 CFR Part 763 Appendix A to subpart E.

2. If the air tests show that the Work area has not been decontaminated, the Contractor must repeat the cleaning and/or encapsulation application until the Work area is cleaned to the satisfaction of the Observation Service.

The contractor will be released only after final air clearance according to the AHERA air clearance criteria has been achieved.

4.6 REIMBURSEMENT OF COSTS OF COMPTON COMMUNITY COLLEGE DISTRICT OR THE OBSERVATION SERVICE

A. In the event that inspections and/or air testing by the Observation Service or regulatory agencies shows that the Work area or any portion of the Work area is not decontaminated or if the Work is not in conformance with the Contract Documents, COMPTON COMMUNITY COLLEGE DISTRICT and the Observation Service will record all time, tests and project related expenses spent to monitor the Work until the work is in compliance. All time, and expenses recorded by COMPTON COMMUNITY COLLEGE DISTRICT and the Observation Service to monitor the above work, and all time, tests and project related expenses incurred by COMPTON COMMUNITY COLLEGE DISTRICT and the Observation Service beyond the contract time shall, at the discretion of COMPTON COMMUNITY COLLEGE DISTRICT, be paid for by the Contractor. The Contractor, promptly upon receipt of the invoice from COMPTON COMMUNITY COLLEGE DISTRICT, or the Observation Service, shall reimburse COMPTON COMMUNITY COLLEGE DISTRICT at the normal billing rate of COMPTON COMMUNITY COLLEGE DISTRICT or the Observation Service or the COMPTON COMMUNITY COLLEGE DISTRICT is authorized to withhold funds from the Contract for all time spent by the COMPTON COMMUNITY COLLEGE DISTRICT and the Observation Service.

4.7 STOPPING THE WORK

A. If, at any time, the Observation Service decides that work practices are violating pertinent regulations, these contract documents or, in their opinion, endangering workers or the public, the Observation Service will immediately notify the Contractor that operations shall cease until corrective action is taken, and the Contractor shall take such corrective action before proceeding with the Work.

Cost for losses or damages due to a stop of the work shall be borne by the Contractor.

4.8 REPAIR AND PAINTING

A. N/A

4.9 CLEANUP

A. Contractor shall maintain a clean Project site during and upon completion of the Work. Cleaning shall be in accordance with these contract documents.

PART 5 - DEFINITIONS AND STANDARDS (General Industry Definitions)

- Abatement: Procedures to control fiber release from asbestos-containing building materials. Includes removal, encapsulation, and enclosure, repair, demolition and renovation activities.

- Air Lock**:** A system for permitting ingress and egress with minimum air movement between a contaminated area and an uncontaminated area. (See decontamination enclosure system plan in the drawing section of this Contract Document).

- Air Monitoring: The process of measuring the fiber content of a specific volume of air in a stated period of time.

- Air Sampling Professional**:** The professional contracted or employed to supervise air monitoring and analysis schemes. This individual is also responsible for recognition of technical deficiencies in Worker protection equipment and procedures during both planning and on-site phases of an abatement project. Acceptable Air Sampling Professionals include Industrial Hygienists, Environmental Engineers and Environmental Scientists with equivalent experience in asbestos air monitoring and worker protection.

- Amended Water: Water to which a surfactant has been added.

- Area Monitoring: Sampling of airborne fiber concentrations within the asbestos work area and outside the asbestos work area which are representative of the airborne concentrations of asbestos fibers which may reach the breathing zone.

- Asbestos: Means fibrous forms of various hydrated minerals including Chrysotile, (fibrous serpentine), Crocidolite (fibrous Riebeckite), Amosite (fibrous Cummintonite-Grunerite), Fibrous Tremolite, fibrous Actinolite, and fibrous Anthophyllite.

- Asbestos-Containing Material (ACM) Material composed of asbestos of any type in an amount greater than 1 percent and by weight, either alone or mixed with other fibrous or non-fibrous materials.

- Asbestos-Containing Construction Material (California definition): Means any manufactured construction material which contains more than 1/10th of 1% asbestos by weight.

- Asbestos Fibers: Asbestos fibers having an aspect ratio of at least 3:1 and 5 micrometers in length.

- Authorized Visitor: COMPTON COMMUNITY COLLEGE DISTRICT's Project Team members, COMPTON COMMUNITY COLLEGE DISTRICT's Representative, Observation Service and any representative of a regulatory or other agency having jurisdiction over the Work.

- Clean Room: An uncontaminated area or room which is a part of the worker decontamination enclosure with provisions for storage of workers' street clothes and protective equipment.

- Contained Work Area: A Work Area which has been Isolated, Plasticized, and equipped with a Decontamination Enclosure System.

- Curtained Doorway: A device to allow ingress or egress from one area to another while permitting minimal air movement between the areas, typically constructed by placing three overlapping sheets of plastic over an existing or temporarily framed doorway, securing each along the top of the doorway, and securing the vertical edge of the outer two sheets along the opposite vertical side of the doorway (see detail on Decontamination Enclosure System Plan in the Drawing section of this Project Manual.)

- Decontamination Enclosure System: A series of connected rooms, with Air Locks or Curtained Doorways between any two adjacent rooms, for the decontamination of Workers and of materials and equipment. A Decontamination Enclosure System always contains at least one Air Lock to the Work Area (see standard Decontamination Enclosure System Plan in the Drawing section of this Project Manual.)

- Encapsulant (sealant): A liquid material which can be applied to Asbestos-Containing material and which controls the possible release of Asbestos fibers from the material either by creating a membrane over the surface (bridging encapsulant) or by penetrating into the material and binding its components together (penetrating encapsulant).

- Encapsulation: All herein-specified procedures necessary to apply an encapsulant to Asbestos-Containing building materials to control the possible release of Asbestos fibers into the ambient air.

- Enclosure: All herein-specified procedures necessary to enclose completely Asbestos-Containing Material behind airtight, impermeable, permanent barriers.

- Excursion Limit: An exposure of airborne concentrations of Asbestos fibers of one fiber per cubic centimeter of air (1f/cc) as averaged over a sampling period of thirty (30) minutes.

- Equipment Room: A contaminated area or room which is part of the Worker Decontamination Enclosure with provisions for storage of contaminated clothing and equipment.

- Equipment Decontamination Enclosure: That portion of a Decontamination Enclosure System designed for controlled transfer of materials, waste containers and equipment, typically consisting of a Washroom and a Holding Area.

- Friable Asbestos Material (40 CFR, sub-part M Definition): Material that contains more than one percent (1%) asbestos by weight and that can be broken, crumbled, pulverized, or reduced to powder by hand pressure when dry.

- Fixed Object: A unit of equipment or furniture or other building component which cannot be detached from the building or can only be detached by destructive methods resulting in irreparable damage to the item.

- Glove bag Method: A method with limited applications for removing small amounts of friable Asbestos-Containing material from HVAC ducts, short piping runs, valves, joints, elbows, and other non-planar surfaces in an Isolated (non-contaminated) Work Area. The glove bag (typically constructed of six [6] mil transparent WT plastic) has two inward-projecting long sleeve rubber gloves, one inward-projecting WT sleeve, an internal tool pouch, and an attached, labeled receptacle for Asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or area to be decontaminated and contains all Asbestos fibers released during the removal process. All Workers who are permitted to use the Glove bag Method must be highly trained, experienced, and skilled in this method.

- HEPA Filter: A high efficiency particulate air (HEPA) filter capable of trapping and retaining 99.97 percent of all mono-dispersed particles (Asbestos fibers) equal to or greater than 0.3 microns in mass median aerodynamic equivalent diameter.

- HEPA Vacuum Equipment: Vacuuming equipment with a HEPA filter system.

- Holding Area: A room in the Equipment Decontamination Enclosure located between the Washroom and an uncontaminated area. The Holding Area comprises an Air Lock.

- Isolation: The sealing of all openings into a Work Area.

- Isolated (non-contained) Work Area: A Work Area which is Isolated, but has not been Plasticized and may or may not be equipped with a Decontamination Enclosure System.

- Movable Object: A unit of equipment, furniture or other building component which is detached or can be detached from the building without destructive methods or results.

- Negative Air Pressure Equipment: A portable local exhaust system equipped with HEPA filtration and capable of maintaining a constant, low velocity air flow into contaminated areas from adjacent uncontaminated areas.

- Non-friable Asbestos-Containing Material: Material that contains more than one (1) percent Asbestos by weight in which the fibers have been locked in by a bonding agent, coating, binder, or other material so that the Asbestos is well bound and will not release fibers during any appropriate end-use, handling, demolition, storage, transportation, processing, or disposal.

- Observation Service: The agent of COMPTON COMMUNITY COLLEGE DISTRICT or COMPTON COMMUNITY COLLEGE DISTRICT's Representative who shall observe the Work, perform tests, verify that abatement methods and procedures specified by the Contract Documents are being complied with, and reports all observations and test results to COMPTON COMMUNITY COLLEGE DISTRICT or COMPTON COMMUNITY COLLEGE DISTRICT's Representative.

- Owner: COMPTON COMMUNITY COLLEGE DISTRICT.

- Permissible Exposure Limit (PEL): An airborne concentration of asbestos, Tremolite, Anthophyllite, Actinolite, or a combination of these minerals in excess of 0.1 fibers per cubic centimeter of air as an eight (8) hour time-weighted average (TWA), as determined by OSHA 29 CFR standards 1926.1101.

- Personal Monitoring: Sampling of Asbestos fiber concentrations within the breathing zone of an Asbestos Worker.

- Plasticize: To cover floors, walls and other structural elements of a Work Area with plastic sheeting as herein specified with all seams securely taped.

- Removal: All herein-specified procedures necessary to remove Asbestos-Containing materials from the designated areas and to dispose of these materials at an acceptable site.

- Shower Room: A room between the Clean Room and the Equipment Room in the Worker Decontamination Enclosure with hot and cold or warm running water, and suitably arranged for complete showering during decontamination. The Shower Room comprises an Air Lock between contaminated and clean areas.

- Surfactant: A chemical wetting agent added to water to reduce surface tension and improve penetration.

- Washroom: A room between the Work Area and the Holding Area in the Equipment Decontamination Enclosure System where equipment and waste containers are decontaminated. The Washroom comprises an Air Lock.

- Wet Cleaning: The process of eliminating Asbestos contamination from building surfaces and objects by using cloths, mops, or other cleaning tools which have been dampened with water, and by afterwards disposing of these cleaning tools as Asbestos-contaminated waste.

- Work Area (Also known as "Regulated Area"): Designated rooms, spaces, or areas of the Project in which Asbestos Abatement actions are to be undertaken or which may become contaminated as a result of such abatement actions. A Contained Work Area is a Work Area which has been Isolated, Plasticized, and equipped with a Decontamination Enclosure System. An Isolated (non-contaminated) Work Area is a Work Area which is Isolated, but has not been Plasticized and may or may not be equipped with a Decontamination Enclosure System.

- Worker Decontamination Enclosure System: That portion of a Decontamination Enclosure System designed for controlled passage of Workers, and other personnel and Authorized Visitors, typically consisting of a Clean Room, a Shower Room, and an Equipment Room.

END OF SECTION

LEAD-BASED PAINT PROJECT SPECIFICATIONS

For:

COMPTON COLLEGE
BUILDING Y – VAPA PROJECT
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

PRESENTED TO:

Compton Community College District
1111 East Artesia Boulevard
Compton, California 90221

PRESENTED BY:

BAINBRIDGE
Environmental Consultants

1322 Bell Avenue, Suite 1N
Tustin, CA 92780
Phone: 714-247-0024
Fax: 714-247-0025

Bainbridge Project # 24129324.12
December 4, 2024

SECTION 02090 – LEAD ABATEMENT

PART 1 – GENERAL

The work required to be performed by the Contractor comprises the following:

Project Title: Compton Community College – Building Y – VAPA Project
Client: Compton Community College District
Location: 1111 East Artesia Boulevard, Compton, California 90221

1.1 WORK DESCRIPTION

The work included consists of furnishing labor, materials, permits, equipment, services, insurance including but not limited to the handling and transportation and disposal of lead-containing materials and waste resulting from the removal of lead-containing materials in various areas. This work shall be conducted by a licensed abatement contractor and certified personnel in accordance with all applicable Federal, State, and local regulations.

A. Materials and their quantities to be abated shall be verified by the General Contractor/Abatement Contractor prior to the abatement work. Abatement work shall be cross-referenced and shall be coordinated with Compton Community College District. Refer to Bainbridge's Limited Asbestos and Lead-Based Paint Survey Report for Compton Community College – Building Y – VAPA project dated December 4, 2024 for a full and complete description of the materials and locations surveyed. The lead-containing materials to be abated and their general location(s) and estimated quantities are as follows:

Lead-based Paint

XL No	Side	Building	Room	Source	Substrate	Color	Results mg/cm^2	Positive Negative	Approx. Quantity
4	A	Y	Exterior Portico	Portico	Metal	Red	1.2	Positive	3,300 Sq. ft.
5	B	Y	Exterior Portico	Portico	Metal	Red	2.7	Positive	Included Above
7	A	Y	Exterior Portico	Support Column	Metal	Gray	1.0	Positive	280 Lin. Ft.

In the event that other materials are found to be similar or homogenous to the materials sampled, and determined to contain lead-based paint, those similar or homogenous materials will be considered assumed lead-based paint containing materials. Prior to bid, contractor is responsible for field verification of all identified and/or assumed lead-based paint materials, their quantities and measurements.

A. Currently, the State of California, the U.S Department of Housing and Urban Development (HUD), and the Environmental Protection Agency (EPA) define lead-based paint as paint or other surface coating with lead content equal to or greater than 1.0 milligram per square centimeter (mg/cm^2), 0.5% by weight and/or 5,000 parts per million lead on the surface area. However, The County of Los Angeles Department of Health Services (DHS) defines Lead-Based Paint as any paint or surface coating with concentrations of lead at or above 0.7 milligram per square centimeter (mg/cm^2). Based on the location of the subject property in Los Angeles County the "abatement level" (threshold) setting of 0.7 mg/cm^2 will be used for this project.

B. Lead abatement observation services shall be conducted by a third party consultant and shall be contracted directly by COMPTON COMMUNITY COLLEGE DISTRICT

1.2 REFERENCES

A. The references listed are made a part of this specification to the extent referenced.

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI Z9.2	1979 Fundamentals Governing the Design and Operation of Local Exhaust Systems
ANSI Z88.2	1980 Respiratory Protection

HUD GUIDELINES	Guidelines for the Evaluation and Control of Lead containing materials Hazards in Housing 1995
Title X	(Residential Lead containing materials Hazard Reduction Act of 1992) of Housing and Community Development Act of 1992

CALIFORNIA CODE OF REGULATIONS (CCR)

8 CCR	Section 1532.1 – Lead in Construction Standard
17 CCR	Division 1, Chapter 8 – Accreditation, Certification and Work Practices for Lead Based- Paint and Lead Hazards
22 CCR	California Code of Regulations – Hazardous Waste Requirements

CODE OF FEDERAL REGULATIONS (CFR)

29 CFR 1910	General Industry Standards
29 CFR 1910.1025	Lead Standard for General Industry
29 CFR 1910.134	Respiratory Protection
29 CFR 1910.1200	Hazard Communication

29 CFR 1910.245	Specifications for Accident Prevention (Sign and Tags)
29 CFR 1926	Construction Industry Standards
29 CFR 1926.55	Gases, Vapors, Fumes, Dusts, and Mists
29 CFR 1926.57	Ventilation
29 CFR 1926.62	Construction Industry Lead Standard
36 CFR 68	The Secretary of the Interior's Standards for the Treatment of Historic Properties. Washington, DC: US Department of the Interior, National Park Service, 1992.
40 CFR 260	Hazardous Waste Management Systems: General
40 CFR 261	Identification and Listing of Hazardous Waste
40 CFR 262	Generators of Hazardous Waste
40 CFR 263	Transporters of Hazardous Waste
40 CFR 264	States and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 265	Interim Status and Standards for States and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 268	Land Disposal Restrictions
40 CFR 172	Hazardous Materials Tables and Hazardous Materials Communications Regulations
40 CFR 178	Shipping Container Specification

UNDERWRITERS LABORATORIES INC. (UL)

UL 586	1990 High-Efficiency, Particulate, Air Filter Units

1.3 CODES AND REGULATIONS

A. In addition to the requirements of this specification, comply with the following:

1.4.1 Clean Air Act (CAA) 40 CFR 52.

1.4.2 South Coast Air Quality Management District’s (SCAQMD) Rule 1420.

1.5 GENERAL DESCRIPTION

The work includes the removal of lead hazards and coatings from surfaces scheduled to be impacted by the rehabilitation and demolition activities. Abate all lead containing materials hazards in accordance with these specifications and in accordance with all applicable regulations as noted herein. Additionally, the contractor will dispose of all debris.

1.6 QUALITY ASSURANCE

1.6.1 Medical Examinations

Before exposure to lead-contaminated dust, provide workers with a comprehensive medical examination as required by 8 CCR 1532.1, 29 CFR 1910.1025 and 29 CFR 1910.1200. The examination will not be required if adequate records show that employees have been examined as required by 8 CCR 1532.1, and 29 CFR 1910.1025 within the last year.

1.6.2 Medical Records

Maintain completed and accurate medical records of employees for a period of at least 40 years or for the duration of employment plus 20 years, whichever is longer.

1.6.3 Personnel Training

Train each employee performing paint removal and disposal in accordance with 17 CCR Div. 1 Chapter 8, 8 CCR 1532.1, and 29 CFR 1910.1025. Provide certificates for employee stating that the employee has received training.

1.6.4 Respiratory Protection Program

A. Furnish each employee required to wear a negative pressure respirator or other appropriate type with a respirator fit at the time of initial fitting and at least every 6 months thereafter as required by 8 CCR 1532.1 and 29 CFR 1910.1025.
B. Establish and implement a respiratory protection program as required by ANSI Z88.2, 29 CFR 1910.134, 29 CFR 1910.1025 and 29 CFR 1926.55.

1.6.5 Hazard Communication Program

Establish and implement a Hazard Communication Program as required by 29 CFR 1910.1200.

1.6.6 Hazardous Waste Management

The Hazard Waste Management plan shall comply with applicable requirements of federal, state, and local hazardous waste regulations and shall address:

A. Identification of hazardous wastes associated with the work.

B. Estimated quantities of wastes to be generated and disposed of.

C. Names and qualifications of the contractor transporting, storing, treating, and disposing of the waste. Include the facility location and a 24-hour point of contact with name, address and telephone number. Identify what EPA, state and local hazardous waste permits are required to authorize/permit the transport, storage treatment and/or disposal of the hazardous materials and provide proof that the Contractor has obtained the required permits. Include EPA identification number, with expiration date.

D. Names and qualifications (experience and training) of personnel who will be working on-site with hazardous wastes.

E. Spill prevention, containment, and cleanup contingency measures to be implemented.

F. Work plan and schedule for waste containment, removal and disposal. Waste shall be cleaned up and containerized daily.

1.6.7 Ambient Air Monitoring

Periodic ambient air monitoring shall be conducted using air-sampling equipment set between and downwind of the work area.

1.7 SUBMITTALS

Submit all required documents for the identification and confirmation for training, lead-paint medical examinations and the respiratory protection program of workers for this contract per the requirements by COMPTON COMMUNITY COLLEGE DISTRICT.

Also, submit the following:

1.7.1 Manufacturer’s Catalog Data

A. Vacuum Filters

B. Respirators

C. Instructions

1.7.2 Lead Containing Material Removal Plan

The Contractor must submit a detailed job-specific plan of the work procedures to be used in the removal of lead containing materials and lead hazards. The plan shall include a sketch showing the location, size, and details of lead control areas, location and details of decontamination rooms, change rooms, shower facilities, and mechanical ventilation system. Include in the plan, eating, drinking, smoking and restroom procedures, interface of trades, sequencing of lead related work, collected wastewater and paint debris disposal plan, air sampling plan, respirators, protective equipment, and a detailed description of the method of containment of the operation to ensure that airborne lead concentrations of 30 micrograms per cubic meter of air are not exceeded outside of the lead control area.

A. Notification - Submit form 8551 to The California Department of Health Services with a copy to COMPTON COMMUNITY COLLEGE DISTRICT's Representative within 5 working days prior to the start of any lead removal work, as required by 17 CCR Div. 1 Chapter 8.

B. Notify COMPTON COMMUNITY COLLEGE DISTRICT in writing 10 calendar days prior to the start of any lead removal work.

1.8 EQUIPMENT

1.8.1 Respirators

Furnish appropriate respirators approved by NIOSH, for use in atmospheres containing lead dust. Respirators shall comply with the requirements of 8 CCR 1532.1 and 29 CFR 1910.1025.

1.8.2 Special Protective Clothing

Furnish personnel who will be exposed to lead-contaminated dust with appropriate disposable protective whole body clothing, head covering, gloves, and foot coverings. Furnish appropriate disposable plastic or rubber gloves to protect hands.

1.8.3 Rental Equipment Notification

If rental equipment is to be used during lead containing material handling and disposal, notify the rental agency in writing concerning the intended use of the equipment. Furnish a copy of the written notification to COMPTON COMMUNITY COLLEGE DISTRICT.

PART 2 PRODUCTS

2.1 LEAD CONTAINING MATERIAL REMOVAL PRODUCTS

Submit applicable Material Safety Data Sheets for lead removal products used in removal work. Use the least toxic product acceptable to COMPTON COMMUNITY COLLEGE DISTRICT. Conform to 29 CFR 1926.57 for ventilation.

2.2 ENCAPSULATING SEALER (WHERE APPLICABLE)

Shall be a penetrating or bridging type, pollution-free sealer. Shall be L-B-C Lead Encapsulant brand or equal. Product shall have the lowest shell thickness for wall restoration work. Submit applicable Material Safety Data Sheets for seal coating. Use the least toxic product acceptable to COMPTON COMMUNITY COLLEGE DISTRICT. Conform to 29 CFR 1926.57 for ventilation.

PART 3 EXECUTION

3.1 PROTECTION

3.1.1 Lead Control Area Requirements

A. Establish a lead control area by completely enclosing the area or structure where lead-containing material removal operations will be performed.

B. Contain removal operations by the use of a negative pressure full containment system with at least one change room and with HEPA filtered exhaust.

C. Verify that personnel are not in building affected areas at the time of lead material removal.

3.1.2 Protection of Existing Work to Remain

Perform lead material removal work without damage or contamination of adjacent areas. Where existing work is damaged or contaminated, restore work to its original condition.

3.1.3 Boundary Requirements

Provide physical boundaries around the lead control area by demarcating the area designated in the Contractor’s Lead Containing Material Removal Plan, providing curtains, portable partitions or other enclosures to ensure that airborne concentrations of lead will not reach 30 micrograms per cubic meter of air outside of the lead control area.

3.1.4 Heating, Ventilating and Air Conditioning (HVAC) Systems

Shut down, lock out, and isolate HVAC systems that supply, exhaust, or supply through the lead control area. Seal intake and exhaust vents in the lead control area with 6-mil plastic sheet and tape. Seal seams in HVAC components that pass through the lead control area.

3.1.5 Change Room and Shower Facilities

Provide clean change rooms and shower facilities within the physical boundary around the designated lead control area in accordance with requirements of 8 CCR 1532.1 and 29 CFR 1910.1025.

3.1.6 Mechanical Ventilation System

A. Use adequate ventilation to control personnel exposure to lead in accordance with 29 CFR 1926.57.

B. To the extent feasible, use fixed local exhaust ventilation connected to HEPA filters. Local exhaust ventilation systems shall be designed, constructed, installed, and maintained in accordance with ANSI Z9.2.

3.1.7 Personnel Protection

Personnel shall wear and use protective clothing and equipment as specified herein. Eating, smoking, or drinking is not permitted in the lead control area. No one will be permitted in the lead control area unless they have appropriate training and protective equipment.

3.1.8 Warning Signs

Provide warning signs at approaches to lead control areas. Locate signs at such a distance that personnel may read the sign and take the necessary precautions before entering the area. Signs shall comply with the requirements of 8 CCR 1532.1 and 29 CFR 1910.1025. Signs shall be in both English and Spanish. Signs shall be at least 20” x 14” with bold lettering not smaller than 2” in size. Signs shall read as follows:

WARNING
LEAD REMOVAL HAZARD
UNAUTHORIZED ENTRY PROHIBITED
NO SMOKING, EATING OR DRINKING ALLOWED IN THE WORK AREA

3.2 WORK PROCEDURES

Perform removal of lead containing material in accordance with approved lead-containing material removal plan. Use procedures and equipment required to limit occupational and environmental exposure to lead when lead containing materials are removed in accordance with 29 CFR 1910.1025, except as specified herein. Dispose of removed materials and associated waste in compliance with Environmental Protection Agency (EPA), federal, state, and local requirements.

3.2.1 Monitoring

Monitoring of airborne concentrations of lead shall be in accordance with 8 CCR 1532.1 and 29 CFR 1910.1025 and as specified herein. Air monitoring, testing, and reporting shall be performed by a California Department of Health Services certified project monitor.

A. The project monitor shall be on the job site to provide inspections of the lead containing materials removal work to ensure that the requirements of the Contract have been satisfied during the entire lead containing materials removal operation.

B. Collect air samples and submit results of air monitoring samples within 48 hours after the air samples are collected. Notify COMPTON COMMUNITY COLLEGE DISTRICT or COMPTON COMMUNITY COLLEGE DISTRICT's Representative immediately of exposure to lead at or in excess of the action level of 30 micrograms per cubic meter of air outside of the lead control area.

3.2.2 Monitoring During Lead Removal Work

Perform area monitoring during the lead containing material removal operation. Sufficient area monitoring shall be conducted at the physical boundary to ensure unprotected personnel are not exposed above 30 micrograms per cubic meter of air at all times. If the outside boundary lead levels are at or exceed 30 micrograms per cubic meter of air, work shall be stopped and the Project Monitor shall notify the contractor to immediately correct the condition(s) causing the increased levels and notify the School District immediately. The Project Monitor shall review the sampling data collected on that day to determine if condition(s) requires any further change in work methods. Removal work shall resume when approval is given by the Project Monitor. The Contractor shall control the lead level outside of the work boundary to less than 30 micrograms per cubic meter of air at all times. As a minimum, conduct area monitoring daily on each shift in which lead removal operations are performed in areas immediately adjacent to the lead control taken on the downwind side of the lead control area.

If adjacent areas are contaminated, clean, visually inspect and take wipe samples (if applicable) of the contaminated areas. The Project Monitor shall certify that the area has been cleaned of lead contamination.

3.2.3 Clearance Testing and Standards

At the completion of lead abatement, final cleaning and waste removal, the project monitor will collect the necessary clearance samples as required by the HUD Guidelines and/or 17 CCR Div. 1 Chapter 8.

3.3 LEAD PAINT CONTAINING MATERIAL REMOVAL

Lead removal shall be performed in accordance with the accepted Contractor's Lead Removal Plan as modified and approved by COMPTON COMMUNITY COLLEGE DISTRICT. The lead removal plan shall comply with all applicable regulations noted in this specification. The plan shall address the method and procedures for the removal and/or stabilization of lead paint containing materials.

3.3.1 Selection of Removal Process

Select paint removal processes to minimize contamination of work areas with lead-contaminated dust or other lead-contaminated debris/waste. The following paint removal is unacceptable:

A. Gas-fired open-flame burning.

B. Grinding or sanding.

C. Uncontained water blasting.

D. Open abrasive blasting.

3.3.2 Surface Preparation

Avoid flash rusting or other deterioration of the substrate. Provide surface preparations for painting in accordance with COMPTON COMMUNITY COLLEGE DISTRICT's requirements.

3.4 CLEANUP AND DISPOSAL

3.4.1 Cleanup

Maintain surfaces of the lead control area free of accumulations of debris and dust. Restrict the spread of dust and debris; keep waste from being distributed outside the work area. Do not dry sweep or use compressed air to clean up the area. At the end of each shift and when the paint removal operation has been completed, clean the area of visible lead paint contamination by vacuuming with a HEPA filtered vacuum cleaner.

3.4.2 Testing of Lead-Containing Paint Residue and Used Abrasive

A. Perform testing of lead-containing materials residue and used chemicals remover where indicated or when directed by COMPTON COMMUNITY COLLEGE DISTRICT, in accordance with 40 CFR 261 and TITLE 22 for hazardous waste.

3.4.3 Disposal

A third-party, independent consulting company (Bainbridge) will perform lead-waste characterization testing (TTLC/STLC) of abated lead-containing materials to determine Federal and State waste disposal requirements. Contingent upon waste characterization results; lead-containing waste disposal will be conducted as follows:

A. Collect lead-contaminated waste, scrap, debris, bags, containers, equipment, and lead-contaminated clothing, which may produce airborne concentrations of lead particles. Label the containers in accordance with 29 CFR 1910.1025. Dispose of lead-contaminated waste material at an EPA, CCR and California Administrative Code (CAC) TITLE 22 approved hazardous waste treatment, storage, or disposal facility.

B. Store waste materials in U.S. Department of Transportation (49 CFR 178) approved 55-gallon drums. Properly label each drum to identify the type of waste (49 CFR 172) and the date the drum was filled. COMPTON COMMUNITY COLLEGE DISTRICT or COMPTON COMMUNITY COLLEGE DISTRICT's Representative will assign an area for interim storage of waste-containing drums. Do not store hazardous waste drums in interim storage longer than 90 calendar days from the date affixed to each drum.

C. Handle, store, transport and dispose lead or lead-contaminated waste in accordance with 40 CFR 260 through 40 CFR 265. Comply with land disposal restriction and notification as required by 40 CFR 268.

3.4.4 Disposal Documentation

Submit written evidence that the hazardous waste treatment, storage, or disposal facility (TSD) is approved for lead disposal by the EPA and state or local regulatory agencies. Submit one copy of the completed manifest, signed and dated by the initial transporter in accordance with 40 CFR 262.

3.4.5 Payment for Hazardous Waste

Payment for disposal of hazardous waste will not be made until a signed copy of the manifest from the treatment or disposal facility certifying the amount of lead-containing materials delivered is returned and a copy is furnished to COMPTON COMMUNITY COLLEGE DISTRICT.

4.0 DEFINITIONS

A. Action Level for Airborne Lead Concentrations -- Employee exposure, without regard to use of respirators, to an airborne concentration of lead of 30 micrograms per cubic meter of air averaged over an 8-hour period. As used in this section, "30 micrograms per cubic meter of air" refers to the action level.

B. Area monitoring -- Sampling of lead concentrations within the lead control area and inside the physical boundaries of the work area.

C. Physical Boundary -- Area partitioned off around an enclosed lead control area to limit unauthorized entry of personnel.

D. Project Monitor -- As used in this section, refers to a California Department of Health Services certified project monitor employed by COMPTON COMMUNITY COLLEGE DISTRICT as a third party monitoring service personnel.

E. Change Rooms and Shower Facilities -- Rooms within the designated physical boundary around the lead control area equipped with separate storage facilities for clean protective work clothing and equipment and for street clothes which prevent cross-contamination.

F. Decontamination Room -- Room for removal of contaminated personal protective equipment and clothing.

G. Eight-Hour Time Weighted Average (TWA) -- Airborne concentration of lead averaged over an 8-hour workday to which an employee is exposed.

H. High Efficiency Particulate Air (HEPA) Filter Equipment -- HEPA filtered vacuuming equipment system capable of collecting and retaining lead-contaminated paint dust.

I. Lead -- Metallic lead, inorganic lead compounds. Excluded from this definition are other organic lead compounds.

J. Lead Control Area -- An enclosed area or structure with full containment to prevent the spread of lead dust, paint chips, or debris of lead containing pain removal operations. The lead control area is isolated by physical boundaries to prevent unauthorized entry of personnel.

K. Lead Permissible Exposure Limit (PEL) -- Fifty micrograms per cubic meter of air in an 8-hour time weighted average as determined by 8 CCR 1532.1 and 29 CFR 1910.1025.

L. Personal Monitoring -- Sampling of lead concentrations within the breathing zone of an employee to determine the 8-hour time weighted average concentration in accordance with 8 CCR 1532.1 and 29 CFR 1910.1025. Samples shall be representative of the employee's work tasks. Breathing zone shall be considered an area within a hemisphere, forward of the shoulder, with a radius of 6 to 9 inches and the center at the nose or mouth of an employee.

M. Hazard Abatement: Long-term measures to remove the hazards of lead-based paint through selective paint stripping of deteriorated areas; or, in some cases, replacement of deteriorated features.

N. Hazard Control: Measures to reduce lead hazards to make housing safe for young children. Can be accomplished with interim (short-term) or hazard abatement (long-term) controls.

O. Owner: COMPTON COMMUNITY COLLEGE DISTRICT.

END OF SECTION