## COMPREHENSIVE ASBESTOS AND LEAD-BASED PAINT XRF SURVEY REPORT

For:

COMPTON COLLEGE
PHASE 1 & 2 DEMOLITION PROJECT FOR
BUILDINGS M4, U, V, W, X, Z AND POOL (PE COMPLEX)
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

Presented To:



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

Presented By:



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

Bainbridge Project #. 21068267.10 June 1, 2021, Revised: November 9, 2023 April 22, 2021

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



RE: Phase 2 – Comprehensive Asbestos and Lead-Based Paint XRF Survey Report for the Phase 1 & 2 Demolition Project for Building W (Men's Locker Room Building) and Building X (Gymnasium) at Compton College 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 Comprehensive Asbestos and lead-based paint XRF survey for the Phase 1 & 2 Demolition Project of Building W (Men's Locker Room Building) and Building X (Gymnasium) at Compton College 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.

Karlin Cisco

**Director of Operations** 

CAC # 16-5626/CDPH I/A LRC #00003694

Bainbridge Project #: 21068267.10

KC/rl

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#### 1.0 Asbestos Survey/Investigation

Gage Thompson, DOSH Certified Asbestos Consultant (CAC) #19-6730, and Sebastian Moreno, DOSH Certified Site Surveillance Technician (CSST) #17-6006 of Bainbridge, performed the comprehensive survey activities and collected the suspect asbestos-containing building material bulk samples for laboratory analysis for the Phase 1 & 2 Demolition Project of Buildings M4, U, V, W, X, Z & Pool at the PE Complex at 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 demolition project at the subject property. The survey of the PE Complex was performed on the dates of February 17, 18, 19, 23, 24, 25, and March 11, of 2021 and consisted of a walk-through of the subject buildings 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 Comprehensive Asbestos bulk sampling of the subject buildings 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

On the dates of February 17, 18, 19, 23, 24, 25, of 2021 a total of three-hundred and forty (340) bulk samples were collected for laboratory analysis and a total of three-hundred, and forty (340) bulk samples were analyzed. All samples collected were submitted under the chain of custody protocol to SGS Forensic Laboratories, located in Carson, California 90746 for analysis. SGS Forensic Laboratories is certified with the NVLAP registration (code: 101459-1) 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%):

**Asbestos-Containing Materials** 

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
1	Building U Exterior	Window Putty	Blue	Non- Friable	800 Sg. Ft.	Trace (<1%) Chrysotile
2	Building U Exterior	Window Putty	Blue	Non- Friable	Included Above	2% Chrysotile
3	Building U Exterior	Window Putty	Blue	Non- Friable	Included Above	2% Chrysotile
60	Building U Room 2 Floor	Carpet with Carpet Adhesive	Gray	Non- Friable	1,950 Sq. Ft.	2% Chrysotile (Tan Tile)
97	Building U Lower Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	Included Above	3% Chrysotile
99	Building U Lower Rooftop	Transite Pipe	Tan	Non- Friable	40 Lin. Ft.	15% Chrysotile/ 3% Crocidolite
100	Building U Lower Rooftop	Transite Pipe Tan		Non- Friable	Included Above	15% Chrysotile/ 3% Crocidolite
101	Building U Lower Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile/ 3% Crocidolite
117	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Non- Friable	1,800 Sq. Ft.	5% Chrysotile (Dark Beige Coating)

Asbestos-Containing waterials (Continued)								
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results		
118	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Non- Friable	Included Above	2% Chrysotile (Dark Beige Coating/Paints)		
119	Building M4 Exterior Wall	Exterior Wall Coating			Included Above	5% Chrysotile (Dark Beige Coating)		
126	Building M4 Floor	Flooring	White/Beige Non- Friable		200 Sq. Ft.	5% Chrysotile (Beige Tile)		
132	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Non- Friable	900 Sq. Ft.	5% Chrysotile (Beige Tile)		
133	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Non- Friable	Included Above	5% Chrysotile (Beige Tile)		
134	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Non- Friable	Included Above	5% Chrysotile (Beige Tile)		
135	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow/Gray	Non- Friable	900 Sq. Ft.	5% Chrysotile (Beige Tile)		
136	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow/Gray	Non- Friable	Included Above	5% Chrysotile (Beige Tile)		
137	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow/Gray	Non- Friable	Included Above	5% Chrysotile (Beige Tile)		
157	Building V Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)		
159	Building V Rooftop	Curb Mastic	Gray/ Black	Non- Friable	20 Sq. Ft.	5% Chrysotile (Black Semi- Fibrous Tar)		
160	Building V Rooftop	Curb Mastic	Gray/ Black	Non- Friable	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)		

	Containing Materia	(33	Friable			
Sample No.	Sample Location	Sample Description	Color	Non- Friable	Approx. Quantity	Laboratory Results
161	Building V Rooftop	Curb Mastic	Gray/ Black	Non- Friable	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
163	Building V Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
164	Building V Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
168	Building V Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	25 Sq. Ft.	3% Chrysotile (Silver Paint)
169	Building V Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	Included Above	3% Chrysotile (Silver Paint)
170	Building V Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	Included Above	3% Chrysotile (Silver Paint)
171	Building V Rooftop	Transite Pipe	Tan	Non- Friable	20 Lin. Ft.	15% Chrysotile / 3% Crocidolite
172	Building V Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile / 3% Crocidolite
173	Building V Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile / 3% Crocidolite
174	Building V Exterior Lower Window	Window Putty	Gray/ Blue	Non- Friable	600 Sq. Ft.	2% Chrysotile (Tan Putty)
175	Building V Exterior Upper Window	Window Putty	Gray/ Blue	Non- Friable	Included Above	2% Chrysotile (Tan Putty)
176	Building V Exterior Upper Window	Window Putty	Gray/ Blue	Non- Friable	Included Above	2% Chrysotile (Tan Putty)
177	Building V Floor	Interior Concrete Floor	Gray/ Blue	Non- Friable	300 Sq. Ft.	2% Chrysotile (Tan Semi- Fibrous Material)

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
181	Building V Floor	9"x 9" Floor Tile with Mastic	Light Brown with Streaks	Non- Friable	Included Above	2% Chrysotile (Light Brown Tile)
184	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	Included Above	3% Chrysotile (Dark Brown Tile)
185	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	Included Above	3% Chrysotile (Dark Brown Tile)
186	Building V Floor	9"x 9" Floor Tile with Mastic	Green with Streaks	Non- Friable	50 Sq. Ft.	5% Chrysotile (Beige Tile Debris)
189	Building V Floor	9"x 9" Floor Tile with Mastic	Blue with Streaks	Non- Friable	50 Sq. Ft.	3% Chrysotile (Dark Green Tile) 5% Chrysotile (Beige Tile Debris)
190	Building V Floor	9"x 9" Floor Tile with Mastic	Blue with Streaks	Non- Friable	Included Above	3% Chrysotile (Dark Green Tile)
191	Building V Floor (Classroom V-70)	9"x 9" Floor Tile with Mastic	Blue with Streaks	Non- Friable	Included Above	3% Chrysotile (Dark Green Tile) 5% Chrysotile (Beige Tile Debris)
192	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Non- Friable	50 Sq. Ft.	5% Chrysotile (Beige Tile)
193	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Non- Friable	Included Above	5% Chrysotile (Beige Tile)
194	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Non- Friable	Included Above	5% Chrysotile (Beige Tile)
195	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Non- Friable	450 Sq. Ft.	5% Chrysotile (Dark Red Tile)

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
196	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Non- Friable	Included Above	5% Chrysotile (Dark Red Tile)
198	Building V Floor	Tile with Mastic	Light Brown with Streaks	Non- Friable	900 Sq. Ft.	5% Chrysotile (Green Tile)
200	Building V Floor	Tile with Mastic	Light Brown with Streaks	Non- Friable	Included Above	5% Chrysotile (Green Tile)
201	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	900 Sq. Ft.	5% Chrysotile (Green Tile)
203	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	Included Above	5% Chrysotile (Green Tile)
214	Building V Wall	4" Base Cove with Mastic	Black	Non- Friable	Included Above	2% Chrysotile (Tan Mastic)
215	Building V Wall	4" Base Cove with Mastic	Black	Non- Friable	Included Above	2% Chrysotile (Tan Mastic)
260	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	270 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar)
261	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
262	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
263	Building Z Rooftop	Curb Mastic	Gray/ Black	Non- Friable	5 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar with Stones)
264	Building Z Rooftop	Curb Mastic	Gray/ Black	Non- Friable	Included Above	2% Chrysotile (Black Semi- Fibrous Tar with Stones)
265	Building Z Rooftop	Curb Mastic	Gray/ Black	Non- Friable	Included Above	2% Chrysotile (Black Semi- Fibrous Tar with Stones)

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Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
266	Building Z Rooftop Pipe Mastic		Gray/ Black	Non- Friable	5 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar)
267	Building Z Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
268	Building Z Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
269	Building Z Rooftop	Transite Pipe	Tan	Non- Friable	30 Lin. Ft.	15% Chrysotile / 3% Crocidolite (Grey Semi- Fibrous Material)
270	Building Z Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile / 3% Crocidolite (Grey Semi- Fibrous Material)
271	Building Z Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile / 3% Crocidolite (Grey Semi- Fibrous Material)
287	Building Z Exterior	Stucco	White	Non- Friable	600 Sq. Ft.	Trace (<1%) Chrysotile
288	Building Z Exterior	Stucco	White	Non- Friable	Included Above	Trace (<1%) Chrysotile
289	Building Z Exterior	Stucco	White	Non- Friable	Included Above	Trace (<1%) Chrysotile
296	Building Z Restroom	Hockey Puck Mastic	Brown	Non- Friable	150 Sq. Ft.	Trace (<1%) Anthophyllite (Brown Mastic)
297	Building Z Restroom	Hockey Puck Mastic	Brown	Non- Friable	Included Above	Trace (<1%) Anthophyllite (Brown Mastic)
298	Building Z Restroom	Hockey Puck Mastic	Brown	Non- Friable	Included Above	Trace (<1%) Anthophyllite (Brown Mastic)

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
320	Building Z Pool Walkway	Concrete Walkway	Orange	Non- Friable	300 Sq. Ft.	Trace (<1%) Chrysotile (Light Red Cementitious Material)
321	Building Z Pool Walkway	Concrete Walkway	Red	Non- Friable	Included Above	Trace (<1%) Chrysotile (Red Cementitious Material)
322	Building Z Pool Walkway	Concrete Walkway	Green	Non- Friable	Included Above	Trace (<1%) Chrysotile (Green Cementitious Material)

#### Inaccessible Areas -

- a. Building U (Women's Locker Room Building)
  - i. Pipe Chase in Women's Locker Room Area (South Side)
  - ii. Back Office in Equipment Room
  - iii. Mechanical Room
- b. Building V (Old Police Building)
  - i. High Voltage Room
  - ii. Rooms C, D and E (According to Floor Plans)

#### Presumed Asbestos-Containing Materials (PACM) -

- a. Building U (Women's Locker Room Building)
  - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
     Approximate Quantity: 500 Square Feet
  - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: **600 Square**Feet
  - iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: 300 Square Feet
  - iv. HVAC Vibration Reducers Requires Destructive Sampling and Unit in Operation.Approximate Quantity: 100 Square Feet
- b. Building V (Old Police Building)
  - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
     Approximate Quantity: 250 Square Feet
  - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: **375 Square**Feet

iii. Thermal System Insulation (TSI) - None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **300 Square Feet** 

#### c. Building M4 (Old Police Trailer)

- i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
   Approximate Quantity: 75 Square Feet
- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: **50 Square Feet**
- iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: 150 Square Feet

#### d. Building Z (Pool Service Building and Pool)

- i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
   Approximate Quantity: 25 Square Feet
- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: **200 Square**Feet
- iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **400 Square Feet**
- iv. HVAC Vibration Reducers Requires Destructive Sampling. Approximate Quantity:100 Square Feet

#### e. Underground Utilities

- i. Transite Pipe Approximate Quantity: 400 Square Feet
- ii. Coal Tar Wrapped Piping Approximate Quantity: 400 Square Feet

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 asbestoscontaining 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.

On the date of March 11, of 2021 a total of one-hundred and ninety-three (193) bulk samples were collected for laboratory analysis and a total of one-hundred, and ninety-three (193) bulk samples were analyzed. All samples collected were submitted under the chain of custody protocol to SGS Forensic Laboratories, located in Carson, California 90746 for analysis. SGS Forensic Laboratories is certified with the NVLAP registration (code: 101459-1) 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%):

Asbestos-Containing Materials (Buildings W & X)

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
1	Building W Exterior	Window Putty	Blue	Non- Friable	600 Sq. Ft.	Trace (<1%) Chrysotile
3	Building W Exterior	Window Putty	Blue	Non- Friable	Included Above	Trace (<1%) Chrysotile
37	Building W Coach's Office Floor (Room 18)	18"x 18" Floor Tile with Mastic	Gray	Non- Friable	1,800 Sq. Ft.	3% Chrysotile
39	Building W Office Floor (Room 25)	18"x 18" Floor Tile with Mastic	Gray	Non- Friable	Included Above	3% Chrysotile
67	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Non- Friable	15,500 Sq. Ft.	2% Chrysotile
68	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Non- Friable	Included Above	2% Chrysotile
69	Building W Rooftop (Southeast Side)	Built-up Roofing Material	Gray	Non- Friable	Included Above	2% Chrysotile
88	Building W Rooftop	Transite Pipe	Tan	Non- Friable	40 Lin. Ft.	15% Chrysotile 3% Crocidolite
89	Building W Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile 3% Crocidolite
90	Building W Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile 3% Crocidolite
98	Building W Rooftop	Flashing Cap Mastic	White/ Black	Non- Friable	50 Sq. Ft.	5% Chrysotile
100	Building W Rooftop (Roof Eyelids)	Silver Painted Material	Silver/ Gray	Non- Friable	250 Sq. Ft.	2% Chrysotile
101	Building W Rooftop (Roof Eyelids)	Silver Painted Material	Silver/ Gray	Non- Friable	Included Above	2% Chrysotile
102	Building W Rooftop (Roof Eyelids)	Silver Painted Material	Silver/ Gray	Non- Friable	Included Above	2% Chrysotile
125	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Non- Friable	40 Sq. Ft.	40% Chrysotile
126	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Non- Friable	Included Above	40% Chrysotile
127	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Non- Friable	Included Above	40% Chrysotile
134	Building X Main Foyer Ceiling	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Friable	5,500 Sq. Ft.	Trace (<1%) Anthophyllite

Asbestos-Containing Materials (Buildings W & X): Continued

73069109-	Containing Materials	Loundings W &	A). COII			
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
135	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Friable	Included Above	Trace (<1%) Anthophyllite
136	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Friable	Included Above	Trace (<1%) Anthophyllite
140	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Non- Friable	20 Sq. Ft.	Trace (<1%) Anthophyllite
141	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Non- Friable	Included Above	Trace (<1%) Anthophyllite
161	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Non- Friable	100 Sq. Ft.	2% Chrysotile
162	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Non- Friable	Included Above	2% Chrysotile
163	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Non- Friable	Included Above	2% Chrysotile
179	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Non- Friable	200 Sq. Ft.	3% Chrysotile
180	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Non- Friable	Included Above	3% Chrysotile
181	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Non- Friable	Included Above	3% Chrysotile
182	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Friable	75 Sq. Ft.	7% Chrysotile
183	Coach's Office Storage Room adjacent Weight Room	(Hardpacked Elbow)	White	Friable	Included Above	7% Chrysotile
184	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Friable	Included Above	7% Chrysotile

#### **Inaccessible Areas -**

- a. Building W (Men's Locker Room Building)
  - i. Laundry Room/Equipment Room
- b. Building X (Gymnasium)
  - i. Upstairs Dance Room Storage Room and Storage Room adjacent Dance Room

#### Presumed Asbestos-Containing Materials (PACM) -

- a. Building W (Men's Locker Room Building)
  - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
     Approximate Quantity: 250 Square Feet
  - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity:600 Square Feet
  - iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **300 Square Feet**
- b. Building X (Gymnasium)
  - i. Mirror Mastic Requires Destructive Sampling. Approximate Quantity:

#### 1,000 Square Feet

ii. Fire Doors - Requires Destructive Sampling. Approximate Quantity:

#### **600 Square Feet**

- iii. Gymnasium Wall Padding Mastic None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **500 Square Feet**
- iv. Vinyl Wall Board and Mastic Main Lobby Men's Restroom.Approximate Quantity: 150 Square Feet

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 and presumed 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 asbestoscontaining 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 asbestoscontaining 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

Gage Thompson, Certified Lead-Related Construction-Inspector/Assessor LRC#00002718, of Bainbridge, performed the comprehensive survey activities and collected the lead-based paint XRF readings for the Phase 1 & 2 Demolition Project of Buildings M4, U, V, W, X, Z & Pool at the PE Complex at Compton College located at 1111 East Artesia Boulevard, Compton,

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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 property. The survey in the PE Complex was performed on the date of February 25 and March 16, of 2021. Bainbridge conducted the comprehensive lead-based paint XRF survey of the subject buildings 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/cm²), 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/cm²). Based on the location of the subject property in Los Angeles County the "abatement level" (threshold) setting of 0.7 mg/cm² 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 eighty-nine (189) XRF readings collected in Buildings M4, U, V, W, X, Z & Pool at the PE Complex. Lead-based paint was identified in a total of two (2) readings. 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.

As a result of the Viken XRF testing, the following lead-containing building materials were identified:

#### **Lead-based Paint**

VI No	Cido	Duilding	Boom	Course	Cubatrata	Color	Results	Positive	Approx.
XL No	Side	Building	Room	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	Quantity
78	С	Building	Office 7	Window	Metal	White	0.8	Positive	800
78 0	U	Office 7	Frame	ame	vviile	0.0	Fositive	Sq. ft.	
79	В	Building	Catwalk	Painted	Metal	Dark	1.1	Positive	15
19	В	Х	Catwaik	Ladder	ivictal	Blue	1.1	Fositive	Lin. Ft.
183	D	Portico Adjoined to Building U and Building V	Exterior	Support Column	Metal	Dark Gray	3.0	Positive	250 Lin. Ft.

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 buildings 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

Compton Community College District Compton College Phase 1 & 2 Demolition Project - PE Complex

Bainbridge Environmental Consultants, Inc. Comprehensive Asbestos and Lead-Based Paint Survey Report June 1, 2021, Revised: November 9, 2023

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 subject building.

## APPENDIX A ASBESTOS FIELD DATA & LABORATORY RESULTS

Bainbridge Project #: 21028200.10

Inspector/Sampler: Sebastian Moreno

Gage Thompson /

February 17, 18, 19,

Client: Compton Community College District

Compton College – Phase 1 Demolition Project

Project Name: of Buildings M4, U, V, Z & Pool at the PE Complex

Address: 1111 East Artesia Blvd Date Sampled: 23, 24 and 25, 2021

Compton, California 90221



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
1	Building U Exterior	Window Putty	Blue	Good	Non-Friable	Window Putty Throughout Building U	800 Sq. Ft.	Trace (<1%) Chrysotile
2	Building U Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Included Above	2% Chrysotile
3	Building U Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Included Above	2% Chrysotile
4	Building U Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	Stucco with Vapor Barrier Throughout Building U	N/A	None Detected
5	Building U Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	See Above	N/A	None Detected
6	Building U Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	See Above	N/A	None Detected
7	Building U Exterior	Concrete Footing	Gray	Good	Non-Friable	Concrete Footing/Walkway Throughout Building U and Exterior Walkway	N/A	None Detected
8	Building U Exterior	Concrete Walkway	Gray	Good	Non-Friable	See Above	N/A	None Detected
9	Building U Exterior	Concrete Walkway	Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
10	Building U Shower Room	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	Interior Concrete Floor Throughout Building U	N/A	None Detected
11	Building U Locker Room	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	N/A	None Detected
12	Building U Merchandise Area (Room 10)	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	N/A	None Detected
13	Building U Locker Room Restroom Area (South Side)	Grip Tape (Floor)	Black	Good	Non-Friable	Grip Tape (Floor) Throughout Building U	N/A	None Detected
14	Building U Locker Room Restroom Area (South Side)	Grip Tape (Floor)	Black	Good	Non-Friable	See Above	N/A	None Detected
15	Building U Locker Room Restroom Area (South Side)	Grip Tape (Floor)	Black	Good	Non-Friable	See Above	N/A	None Detected
16	Building U Exterior	Asphalt	Black	Good	Non-Friable	Asphalt Adjacent to Building U Exterior	N/A	None Detected
17	Building U Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
18	Building U Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
19	Building U Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
20	Building U Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
21	Building U Locker Room Restroom Area Wall (South Side)	Terrazzo	Multi	Good	Non-Friable	Terrazzo Throughout Building U	N/A	None Detected
22	Building U Shower Room Restroom Area Wall (North Side)	Terrazzo	Multi	Good	Non-Friable	See Above	N/A	None Detected
23	Building U (Office 2) Restroom Floor	Terrazzo	Multi	Good	Non-Friable	See Above	N/A	None Detected
24	Building U Locker Room	Interior Plaster Ceiling	White	Good	Non-Friable	Interior Plaster Walls and Ceilings Throughout Building U	N/A	None Detected
25	Building U Locker Room Restroom Area (South Side)	Interior Plaster Wall	Red	Good	Non-Friable	See Above	N/A	None Detected
26	Building U Main Office Wall	Interior Plaster Wall	White	Good	Non-Friable	See Above	N/A	None Detected
27	Building U Shower Room Wall	Interior Concrete Wall	White	Good	Non-Friable	Interior Concrete Wall Throughout Building U	N/A	None Detected
28	Building U Shower Room Wall	Interior Concrete Wall	White	Good	Non-Friable	See Above	N/A	None Detected
29	Building U Shower Room Wall	Interior Concrete Wall	White	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Coloi	Condition	Non-Friable	Location	Quantity	Results
30	Building U Shower Enclosure Wall	Ceramic Wall Tile with Grout	Beige	Good	Non-Friable	Ceramic Wall Tile with Grout Throughout Shower Walls in Building U	N/A	None Detected
31	Building U Shower Enclosure Wall	Ceramic Wall Tile with Grout	Beige	Good	Non-Friable	See Above	N/A	None Detected
32	Building U Shower Enclosure Wall	Ceramic Wall Tile with Grout	Beige	Good	Non-Friable	See Above	N/A	None Detected
33	Building U Shower Enclosure Floor	Ceramic Floor Tile with Grout	Multi	Good	Non-Friable	Ceramic Wall Tile with Grout Throughout Shower Floors in Building U	N/A	None Detected
34	Building U Shower Enclosure Floor	Ceramic Floor Tile with Grout	Multi	Good	Non-Friable	See Above	N/A	None Detected
35	Building U Shower Enclosure Floor	Ceramic Floor Tile with Grout	Multi	Good	Non-Friable	See Above	N/A	None Detected
36	Building U Shower Room Entry Soffit	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	12"x 12" Straight Pinhole Ceiling Tile Throughout Building U	N/A	None Detected
37	Building U Restroom Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
38	Building U Equipment Room	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	30.0.	Condition	Non-Friable	Location	Quantity	Results
39	Building U Shower Room Entry Soffit	12"x 12" Random Pinhole Ceiling Tile	White	Good	Friable	12"x 12" Random Pinhole Ceiling Tile Throughout Building U	N/A	None Detected
40	Building U Restroom Ceiling	12"x 12" Random Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
41	Building U Equipment Room	12"x 12" Random Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
42	Building U Shower Room Entry Soffit	12"x 12" Ceiling Tile	White	Good	Friable	12"x 12" Ceiling Tile Throughout Building U	N/A	None Detected
43	Building U Shower Room Entry Soffit	12"x 12" Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
44	Building U Shower Room Entry Soffit	12"x 12" Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
45	Building U Shower Room Entry Soffit	Hockey Puck Mastic Associated with 12"x 12" Straight Pinhole Ceiling Tile and 12"x 12" Ceiling Tile	Brown	Good	Non-Friable	Hockey Puck Mastic Associated with 12"x 12" Straight Pinhole Ceiling Tile and 12"x 12" Ceiling Tile Throughout Main Entry (Women's Locker Room) and Restrooms in Building U	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
46	Building U Shower Room Entry Soffit	Hockey Puck Mastic Associated with 12"x 12" Straight Pinhole Ceiling Tile and 12"x 12" Ceiling Tile	Brown	Good	Non-Friable	See Above	N/A	None Detected
47	Building U Shower Room Entry Soffit	Hockey Puck Mastic Associated with 12"x 12" Straight Pinhole Ceiling Tile and 12"x 12" Ceiling Tile	Brown	Good	Non-Friable	See Above	N/A	None Detected
48	Building U Equipment Room	Fiberglass Insulation with Backing Paper	Brown	Good	Friable	Fiberglass Insulation with Backing Paper Throughout Ceiling Cavities in Building U	N/A	None Detected
49	Building U Equipment Room	Fiberglass Insulation with Backing Paper	Brown	Good	Friable	See Above	N/A	None Detected
50	Building U Equipment Room	Fiberglass Insulation with Backing Paper	Brown	Good	Friable	See Above	N/A	None Detected
51	Building U Room 1 Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building U	N/A	None Detected
52	Building U Room 1 Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Good	Non-Friable	See Above	N/A	None Detected
53	Building U Room 1 Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description		Condition	Non-Friable	Location	Quantity	Results
54	Building U Hallway	12"x 12" Floor Tile with Mastic	Red	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building U	N/A	None Detected
55	Building U Room 4 Floor	12"x 12" Floor Tile with Mastic	Red	Good	Non-Friable	See Above	N/A	None Detected
56	Building U Room 4 Floor	12"x 12" Floor Tile with Mastic	Red	Good	Non-Friable	See Above	N/A	None Detected
57	Building U Room 7 Floor	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	18"x 18" Floor Tile with Mastic Throughout Building U	N/A	None Detected
58	Building U Room 2 Floor	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	N/A	None Detected
59	Building U Room 6 Floor	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	N/A	None Detected
60	Building U Room 2 Floor	Carpet with Carpet Adhesive	Gray	Good	Non-Friable	Carpet with Carpet Adhesive Throughout Building U	1,950 Sq. Ft.	2% Chrysotile (Tan Tile)
61	Building U Room 5 Floor	Carpet with Carpet Adhesive	Gray	Good	Non-Friable	See Above	Included Above	None Detected
62	Building U Room 13 Floor	Carpet with Carpet Adhesive	Gray	Good	Non-Friable	See Above	Included Above	None Detected
63	Building U Room 2 Wall	4" Base Cove with Adhesive	Red	Good	Non-Friable	4" Base Cove with Adhesive Throughout Building U	N/A	None Detected
64	Building U Room 4 Wall	4" Base Cove with Adhesive	Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
65	Building U Room 13 Wall	4" Base Cove with Adhesive	Black	Good	Non-Friable	See Above	N/A	None Detected
66	Building U Room 13 Countertop	Formica Countertop	White	Good	Non-Friable	Formica Countertop Throughout Building U	N/A	None Detected
67	Building U Room 13 Countertop	Formica Countertop	White	Good	Non-Friable	See Above	N/A	None Detected
68	Building U Room 13 Countertop	Formica Countertop	White	Good	Non-Friable	See Above	N/A	None Detected
69	Building U Room 2 Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	Fiberglass Insulation Throughout Building U Ceiling Cavities	N/A	None Detected
70	Building U Main Office Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	See Above	N/A	None Detected
71	Building U Main Office Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	See Above	N/A	None Detected
72	Building U Mechanical Room	Fire Rated Plaster Wall	Gray	Good	Non-Friable	Fire Rated Plaster Wall and Ceiling Throughout Building U	N/A	None Detected
73	Building U Mechanical Room	Fire Rated Plaster Wall	Gray	Good	Non-Friable	See Above	N/A	None Detected
74	Building U Mechanical Room	Fire Rated Plaster Ceiling	Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
75	Building U Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	Brick with Mortar Joint Throughout Building U Exterior	N/A	None Detected
76	Building U Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	N/A	None Detected
77	Building U Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	N/A	None Detected
78	Building U Lower Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	Built-up Roofing Material Throughout Lower Rooftop of Building U	N/A	None Detected
79	Building U Lower Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
80	Building U Lower Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
81	Building U Upper Rooftop	Rolled Roofing Material	Gray	Good	Non-Friable	Rolled Roofing Material Throughout Upper Rooftop of Building U	N/A	None Detected
82	Building U Upper Rooftop	Rolled Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
83	Building U Upper Rooftop	Rolled Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
84	Building U Lower Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	Curb Mastic Throughout Building U Rooftop	N/A	None Detected
85	Building U Lower Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
86	Building U Lower Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	See Above	N/A	None Detected
87	Building U Lower Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	Pipe Mastic Throughout Building U Rooftop	N/A	None Detected
88	Building U Lower Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	See Above	N/A	None Detected
89	Building U Lower Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	See Above	N/A	None Detected
90	Building U Upper Rooftop	Parapet Wall Capping Material	Gray	Good	Non-Friable	Parapet Wall Capping Material Throughout Building U Rooftop	N/A	None Detected
91	Building U Upper Rooftop	Parapet Wall Capping Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
92	Building U Upper Rooftop	Parapet Wall Capping Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
93	Building U Upper Rooftop	Rubber Roofing Patching Material	Gray/ White	Good	Non-Friable	Rubber Roofing Patching Material Throughout Building U Rooftop	N/A	None Detected
94	Building U Upper Rooftop	Rubber Roofing Patching Material	Gray/ White	Good	Non-Friable	See Above	N/A	None Detected
95	Building U Upper Rooftop	Rubber Roofing Patching Material	Gray/ White	Good	Non-Friable	See Above	N/A	None Detected
96	Building U Lower Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	HVAC Ducting Mastic Throughout Building U Rooftop	75 Sq. Ft.	None Detected
97	Building U Lower Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Included Above	3% Chrysotile



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
98	Building U Lower Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Included Above	None Detected
99	Building U Lower Rooftop	Transite Pipe	Tan	Good	Non-Friable	Transite Pipe Throughout Building U Rooftop	40 Lin. Ft.	15% Chrysotile/ 3% Crocidolite
100	Building U Lower Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Included Above	15% Chrysotile/ 3% Crocidolite
101	Building U Lower Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Included Above	15% Chrysotile/ 3% Crocidolite
102	Portico Rooftop Adjacent Building U and Building V	Tar and Gravel Roofing Material	Gray/ Black	Good	Non-Friable	Tar and Gravel Roofing Material Throughout Portico Rooftop Adjacent Building U and Building V	N/A	None Detected
103	Portico Rooftop Adjacent Building U and Building V	Tar and Gravel Roofing Material	Gray/ Black	Good	Non-Friable	See Above	N/A	None Detected
104	Portico Rooftop Adjacent Building U and Building V	Tar and Gravel Roofing Material	Gray/ Black	Good	Non-Friable	See Above	N/A	None Detected
105	Building M4 Rooftop	Roofing Material	White	Good	Non-Friable	Roofing Material Throughout Building M4 Rooftop	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
106	Building M4 Rooftop	Roofing Material	White	Good	Non-Friable	See Above	N/A	None Detected
107	Building M4 Rooftop	Roofing Material	White	Good	Non-Friable	See Above	N/A	None Detected
108	Building M4 Rooftop	Pipe Mastic	White	Good	Non-Friable	Pipe Mastic Throughout Building M4 Rooftop	N/A	None Detected
109	Building M4 Rooftop	Pipe Mastic	White	Good	Non-Friable	See Above	N/A	None Detected
110	Building M4 Rooftop	Pipe Mastic	White	Good	Non-Friable	See Above	N/A	None Detected
111	Building M4 Wall Mounted HVAC Unit	HVAC Ducting Mastic	Black	Good	Non-Friable	HVAC Ducting Mastic Throughout Building M4	N/A	None Detected
112	Building M4 Wall Mounted HVAC Unit	HVAC Ducting Mastic	Black	Good	Non-Friable	See Above	N/A	None Detected
113	Building M4 Wall Mounted HVAC Unit	HVAC Ducting Mastic	Black	Good	Non-Friable	See Above	N/A	None Detected
114	Building M4 Exterior	Asphalt	Black	Good	Non-Friable	Asphalt Throughout Building M4 Exterior	N/A	None Detected
115	Building M4 Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
116	Building M4 Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
117	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Good	Non-Friable	Exterior Wall Coating Throughout Building M4 Exterior	1,800 Sq. Ft.	5% Chrysotile (Dark Beige Coating)



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
118	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Dark Beige Coating/Paints)
119	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Dark Beige Coating)
120	Building M4 Exterior	Pre-Cast Concrete Stairs	Blue/ Gray	Good	Non-Friable	Pre-Cast Concrete Stairs Throughout Building M4 Exterior	N/A	None Detected
121	Building M4 Exterior	Pre-Cast Concrete Stairs	Blue/ Gray	Good	Non-Friable	See Above	N/A	None Detected
122	Building M4 Exterior	Pre-Cast Concrete Stairs	Blue/ Gray	Good	Non-Friable	See Above	N/A	None Detected
123	Building M4 Exterior	Concrete Footing	Gray	Good	Non-Friable	Concrete Footing Throughout Building M4 Exterior	N/A	None Detected
124	Building M4 Exterior	Concrete Footing	Gray	Good	Non-Friable	See Above	N/A	None Detected
125	Building M4 Exterior	Concrete Footing	Gray	Good	Non-Friable	See Above	N/A	None Detected
126	Building M4 Floor	Linoleum Flooring	White/ Beige	Good	Non-Friable	Linoleum Flooring Throughout Building M4	200 Sq. Ft.	5% Chrysotile (Beige Tile)
127	Building M4 Floor	Linoleum Flooring	White/ Beige	Good	Non-Friable	See Above	Included Above	None Detected
128	Building M4 Bathroom Floor	Linoleum Flooring	White/ Beige	Good	Non-Friable	See Above	Included Above	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
129	Building M4 Bathroom Floor	Ceramic Floor Tile with Grout	Multi	Good	Non-Friable	Ceramic Floor Tile with Grout Throughout Building M4	N/A	None Detected
130	Building M4 Bathroom Floor	Ceramic Floor Tile with Grout	Multi	Good	Non-Friable	See Above	N/A	None Detected
131	Building M4 Bathroom Floor	Ceramic Floor Tile with Grout	Multi	Good	Non-Friable	See Above	N/A	None Detected
132	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building M4	900 Sq. Ft.	5% Chrysotile (Beige Tile)
133	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
134	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
135	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow /Gray	Good	Non-Friable	12"x 12" Floor Tile with Mastic Beneath Carpet Throughout Building M4	900 Sq. Ft.	5% Chrysotile (Beige Tile)
136	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow /Gray	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
137	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow /Gray	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Beige Tile)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
138	Building M4 Kitchen Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	4" Base Cove with Mastic Throughout Building M4	N/A	None Detected
139	Building M4 Wall	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	N/A	None Detected
140	Building M4 Wall	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	N/A	None Detected
141	Building M4 Wall	Fiber Board	Tan/ Beige	Good	Non-Friable	Fiber Board Throughout Building M4	N/A	None Detected
142	Building M4 Wall	Fiber Board	Tan/ Beige	Good	Non-Friable	See Above	N/A	None Detected
143	Building M4 Wall	Fiber Board	Tan/ Beige	Good	Non-Friable	See Above	N/A	None Detected
144	Building M4 Floor	Carpet with Carpet Adhesive	Blue/ Gray	Good	Non-Friable	Carpet with Carpet Adhesive Throughout Building M4	N/A	None Detected
145	Building M4 Floor	Carpet with Carpet Adhesive	Blue/ Gray	Good	Non-Friable	See Above	N/A	None Detected
146	Building M4 Floor	Carpet with Carpet Adhesive	Blue/ Gray	Good	Non-Friable	See Above	N/A	None Detected
147	Building M4 Kitchen Countertop	Formica Countertop	White	Good	Non-Friable	Formica Countertop Throughout Building M4	N/A	None Detected
148	Building M4 Kitchen Countertop	Formica Countertop	White	Good	Non-Friable	See Above	N/A	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
149	Building M4 Kitchen Countertop	Formica Countertop	White	Good	Non-Friable	See Above	N/A	None Detected
150	Building M4 Ceiling	2'x 4' Fissured / Fiberglass Ceiling Tile	White/ Yellow	Good	Friable	2'x 4' Fissured Fiberglass Ceiling Tile Throughout Building M4	N/A	None Detected
151	Building M4 Ceiling	2'x 4' Fissured / Fiberglass Ceiling Tile	White/ Yellow	Good	Friable	See Above	N/A	None Detected
152	Building M4 Ceiling	2'x 4' Fissured / Fiberglass Ceiling Tile	White/ Yellow	Good	Friable	See Above	N/A	None Detected
153	Building V Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	Built-up Roofing Material Throughout Building V Rooftop	N/A	None Detected
154	Building V Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
155	Building V Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
156	Building V Rooftop	Perimeter Roofing Mastic	Gray	Good	Non-Friable	Perimeter Roofing Mastic Throughout Building V Rooftop	300 Sq. Ft.	None Detected
157	Building V Rooftop	Perimeter Roofing Mastic	Gray	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
158	Building V Rooftop	Perimeter Roofing Mastic	Gray	Good	Non-Friable	See Above	Included Above	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No. 159	Location Building V Rooftop	Description  Curb Mastic	Gray/ Black	Condition Good	Non-Friable Non-Friable	Location  Curb Mastic  Throughout  Building V Rooftop	Quantity 20 Sq. Ft.	Results 5% Chrysotile (Black Semi- Fibrous Tar)
160	Building V Rooftop	Curb Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
161	Building V Rooftop	Curb Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
162	Building V Rooftop	Pipe Mastic	Gray/ Black	Good	Non-Friable	Pipe Mastic Throughout Building V Rooftop	5 Sq. Ft.	None Detected
163	Building V Rooftop	Pipe Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
164	Building V Rooftop	Pipe Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)
165	Building V Rooftop	Rubber Roofing Material	Gray	Good	Non-Friable	Rubber Roofing Material Throughout Building V Rooftop	N/A	None Detected
166	Building V Rooftop	Rubber Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
167	Building V Rooftop	Rubber Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
168	Building V Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	HVAC Ducting Mastic Throughout Building V Rooftop	25 Sq. Ft.	3% Chrysotile (Silver Paint)
169	Building V Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Included Above	3% Chrysotile (Silver Paint)
170	Building V Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Included Above	3% Chrysotile (Silver Paint)
171	Building V Rooftop	Transite Pipe	Tan	Good	Non-Friable	Transite Pipe Throughout Building V Rooftop	20 Lin. Ft.	15% Chrysotile / 3% Crocidolite
172	Building V Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite
173	Building V Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite
174	Building V Exterior Lower Window	Window Putty	Gray/ Blue	Good	Non-Friable	Window Putty Throughout Building V	600 Sq. Ft.	2% Chrysotile (Tan Putty)
175	Building V Exterior Upper Window	Window Putty	Gray/ Blue	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Tan Putty)



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
176	Building V Exterior Upper Window	Window Putty	Gray/ Blue	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Tan Putty)
177	Building V Floor	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	Interior Concrete Floor Throughout Building V (Conference Room)	300 Sq. Ft.	2% Chrysotile (Tan Semi- Fibrous Material)
178	Building V Floor	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	Included Above	None Detected
179	Building V Floor	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	Included Above	None Detected
180	Building V Floor	9"x 9" Floor Tile with Mastic	Light Brown with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building V	100 Sq. Ft.	None Detected
181	Building V Floor	9"x 9" Floor Tile with Mastic	Light Brown with Streaks	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Light Brown Tile)
182	Building V Floor	9"x 9" Floor Tile with Mastic	Light Brown with Streaks	Good	Non-Friable	See Above	Included Above	None Detected
183	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building V	100 Sq. Ft.	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
184	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Good	Non-Friable	See Above	Included Above	3% Chrysotile (Dark Brown Tile)
185	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Good	Non-Friable	See Above	Included Above	3% Chrysotile (Dark Brown Tile)
186	Building V Floor	9"x 9" Floor Tile with Mastic	Green with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building V	50 Sq. Ft.	5% Chrysotile (Beige Tile Debris)
187	Building V Floor	9"x 9" Floor Tile with Mastic	Green with Streaks	Good	Non-Friable	See Above	Included Above	None Detected
188	Building V Floor	9"x 9" Floor Tile with Mastic	Green with Streaks	Good	Non-Friable	See Above	Included Above	None Detected
189	Building V Floor	9"x 9" Floor Tile with Mastic	Blue with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building V	50 Sq. Ft.	3% Chrysotile (Dark Green Tile) 5% Chrysotile (Beige Tile Debris
190	Building V Floor	9"x 9" Floor Tile with Mastic	Blue with Streaks	Good	Non-Friable	See Above	Included Above	3% Chrysotile (Dark Green Tile)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Coloi	Condition	Non-Friable	Location	Quantity	Results
191	Building V Floor (Classroom V-70)	9"x 9" Floor Tile with Mastic	Blue with Streaks	Good	Non-Friable	See Above	Included Above	3% Chrysotile (Dark Green Tile) 5% Chrysotile (Beige Tile Debris)
192	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building V	50 Sq. Ft.	5% Chrysotile (Beige Tile)
193	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
194	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
195	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building V	450 Sq. Ft.	5% Chrysotile (Dark Red Tile)
196	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Dark Red Tile)
197	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Good	Non-Friable	See Above	Included Above	None Detected
198	Building V Floor	12"x 12" Floor Tile with Mastic	Light Brown with Streaks	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building V	900 Sq. Ft.	5% Chrysotile (Green Tile)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Coloi	Condition	Non-Friable	Location	Quantity	Results
199	Building V Floor	12"x 12" Floor Tile with Mastic	Light Brown with Streaks	Good	Non-Friable	See Above	Included Above	None Detected
200	Building V Floor	12"x 12" Floor Tile with Mastic	Light Brown with Streaks	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Green Tile)
201	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building V	900 Sq. Ft.	5% Chrysotile (Green Tile)
202	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Good	Non-Friable	See Above	Included Above	None Detected
203	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Good	Non-Friable	See Above	Included Above	5% Chrysotile (Green Tile)
204	Building V Storage Room	Formica Countertop	Blue	Good	Non-Friable	Formica Countertop Throughout Building V	N/A	None Detected
205	Building V Storage Room	Formica Countertop	Blue	Good	Non-Friable	See Above	N/A	None Detected
206	Building V Storage Room	Formica Countertop	Blue	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description		Condition	Non-Friable	Location	Quantity	Results
207	Building V Ceiling Cavity	Fiberglass Insulation with Backing Paper	Brown	Good	Non-Friable	Fiberglass Insulation with Backing Paper Throughout Building V	N/A	None Detected
208	Building V Ceiling Cavity	Fiberglass Insulation with Backing Paper	Brown	Good	Non-Friable	See Above	N/A	None Detected
209	Building V Ceiling Cavity	Fiberglass Insulation with Backing Paper	Brown	Good	Non-Friable	See Above	N/A	None Detected
210	Building V (Classroom V-70)	Hockey Puck Mastic Associated with 2'x 2' Pinhole Wall Tiles	Brown	Good	Non-Friable	Hockey Puck Mastic Associated with 2'x 2' Pinhole Wall Tiles Throughout Building V	N/A	None Detected
211	Building V (Classroom V-70)	Hockey Puck Mastic Associated with 2'x 2' Pinhole Wall Tiles	Brown	Good	Non-Friable	See Above	Included Above	None Detected
212	Building V (Classroom V-70)	Hockey Puck Mastic Associated with 2'x 2' Pinhole Wall Tiles	Brown	Good	Non-Friable	See Above	Included Above	None Detected
213	Building V (Classroom V-70) Wall	4" Base Cove with Mastic	Black	Good	Non-Friable	4" Base Cove with Mastic Throughout Building V	200 Sq. Ft.	None Detected
214	Building V Wall	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Tan Mastic)
215	Building V Wall	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Tan Mastic)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Coloi	Condition	Non-Friable	Location	Quantity	Results
216	Building V (Classroom V-70)	12"x 12" Floor Tile with Mastic	White/ Beige	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building V	N/A	None Detected
217	Building V (Classroom V-70)	12"x 12" Floor Tile with Mastic	White/ Beige	Good	Non-Friable	See Above	N/A	None Detected
218	Building V (Classroom V-70)	12"x 12" Floor Tile with Mastic	White/ Beige	Good	Non-Friable	See Above	N/A	None Detected
219	Building V Men's Restroom Wall	Terrazzo	Multi	Good	Non-Friable	Terrazzo Throughout Building V	N/A	None Detected
220	Building V Storage Room Floor	Terrazzo	Multi	Good	Non-Friable	See Above	N/A	None Detected
221	Building V Restroom Floor	Terrazzo	Multi	Good	Non-Friable	See Above	N/A	None Detected
222	Building V (Classroom V-70) Wall	Drywall	Brown/ White	Good	Non-Friable	Drywall Throughout Building V	N/A	None Detected
223	Building V (Classroom V-70) Wall	Drywall	Brown/ White	Good	Non-Friable	See Above	N/A	None Detected
224	Building V (Classroom V-70) Wall	Drywall	Brown/ White	Good	Non-Friable	See Above	N/A	None Detected
225	Building V Wall	Plaster	White	Good	Non-Friable	Plaster Throughout Building V	N/A	None Detected
226	Building V (Classroom V-70) Wall	Plaster	Blue	Good	Non-Friable	See Above	N/A	None Detected
227	Building V Ceiling	Plaster	White	Good	Non-Friable	See Above	N/A	None Detected
228	Building V Office Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	12"x 12" Straight Pinhole Ceiling Tile Throughout Building V	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
229	Building V Hallway Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
230	Building V Hallway Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
231	Building V Office Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	12"x 12" Ceiling Tile Throughout Building V	N/A	None Detected
232	Building V Hallway Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
233	Building V Hallway Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
234	Building V (Classroom V-70) Ceiling	2'x 2' Random Pinhole Ceiling Tile	White	Good	Friable	2'x 2' Random Pinhole Ceiling Tile Throughout Building V	N/A	None Detected
235	Building V (Classroom V-70) Ceiling	2'x 2' Random Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
236	Building V (Classroom V-70) Ceiling	2'x 2' Random Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
237	Building V Conference Room Ceiling	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	2'x 2' Straight Pinhole Ceiling Tile Throughout Building V	N/A	None Detected
238	Building V Office Ceiling	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
239	Building V (Classroom V-70) Wall	2'x 2' Straight Pinhole Wall Tile	White	Good	Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
240	Building V Conference Room Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	2'x 2' Ceiling Tile Throughout Building V	N/A	None Detected
241	Building V Main Office Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
242	Building V (Classroom V-70) Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	See Above	N/A	None Detected
243	Building V Exterior	Stucco with Vapor Barrier	Gray/ Blue	Good	Non-Friable	Stucco with Vapor Barrier Throughout Building V	N/A	None Detected
244	Building V Exterior	Stucco with Vapor Barrier	Gray/ Blue	Good	Non-Friable	See Above	N/A	None Detected
245	Building V Exterior	Stucco with Vapor Barrier	Gray/ Blue	Good	Non-Friable	See Above	N/A	None Detected
246	Building V Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	Brick with Mortar Joint Throughout Building V	N/A	None Detected
247	Building V Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	N/A	None Detected
248	Building V Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	N/A	None Detected
249	Building V Exterior	Concrete Pad	Gray	Good	Non-Friable	Concrete Throughout Building V and Exterior	N/A	None Detected
250	Building V Exterior	Concrete Footing	Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
251	Building V Exterior	Concrete Walkway	Gray	Good	Non-Friable	See Above	N/A	None Detected
252	Building V Exterior	Asphalt	Black	Good	Non-Friable	Asphalt Adjacent Building V Exterior	N/A	None Detected
253	Building V Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
254	Building V Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
255	Building V Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
256	Building V Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
257	Building Z Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	Built-up Roofing Material Throughout Building Z Rooftop	N/A	None Detected
258	Building Z Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
259	Building Z Rooftop	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	N/A	None Detected
260	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Good	Non-Friable	Perimeter Roofing Mastic Throughout Building Z Rooftop	270 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar)
261	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
262	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
263	Building Z Rooftop	Curb Mastic	Gray/ Black	Good	Non-Friable	Curb Mastic Throughout Building Z Rooftop	5 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar with Stones)
264	Building Z Rooftop	Curb Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar with Stones)
265	Building Z Rooftop	Curb Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar with Stones)
266	Building Z Rooftop	Pipe Mastic	Gray/ Black	Good	Non-Friable	Pipe Mastic Throughout Building Z Rooftop	5 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar)
267	Building Z Rooftop	Pipe Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
268	Building Z Rooftop	Pipe Mastic	Gray/ Black	Good	Non-Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
269	Building Z Rooftop	Transite Pipe	Tan	Good	Non-Friable	Transite Pipe Throughout Building Z Rooftop	30 Lin. Ft.	15% Chrysotile / 3% Crocidolite (Grey Semi- Fibrous Material)
270	Building Z Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite (Grey Semi- Fibrous Material)
271	Building Z Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite (Grey Semi- Fibrous Material)
272	Building Z Manager's Office Ceiling	Plaster	White	Good	Non-Friable	Plaster Throughout Building Z	N/A	None Detected
273	Building Z Restroom Wall	Plaster	White/ Blue	Good	Non-Friable	See Above	N/A	None Detected
274	Building Z Restroom Wall	Plaster	White/ Blue	Good	Non-Friable	See Above	N/A	None Detected
275	Building Z Manager's Office	9"x 9" Floor Tile with Mastic	Black with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building Z	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
276	Building Z Manager's Office	9"x 9" Floor Tile with Mastic	Black with Streaks	Good	Non-Friable	See Above	N/A	None Detected
277	Building Z Manager's Office	9"x 9" Floor Tile with Mastic	Black with Streaks	Good	Non-Friable	See Above	N/A	None Detected
278	Building Z Manager's Office	9"x 9" Floor Tile with Mastic	White with Streaks	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building Z	N/A	None Detected
279	Building Z Manager's Office	9"x 9" Floor Tile with Mastic	White with Streaks	Good	Non-Friable	See Above	N/A	None Detected
280	Building Z Manager's Office	9"x 9" Floor Tile with Mastic	White with Streaks	Good	Non-Friable	See Above	N/A	None Detected
281	Building Z Manager's Office	4" Base Cove with Mastic	Black	Good	Non-Friable	4" Base Cove with Mastic Throughout Building Z	N/A	None Detected
282	Building Z Manager's Office	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	N/A	None Detected
283	Building Z Manager's Office	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	N/A	None Detected
284	Building Z Manager's Office	Insulation Paper	Silver/ Brown	Good	Non-Friable	Insulation Paper Throughout Building Z	N/A	None Detected
285	Building Z Manager's Office	Insulation Paper	Silver/ Brown	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Coloi	Condition	Non-Friable	Location	Quantity	Results
286	Building Z Manager's Office	Insulation Paper	Silver/ Brown	Good	Non-Friable	See Above	N/A	None Detected
287	Building Z Exterior	Stucco	White	Good	Non-Friable	Stucco Throughout Building Z	600 Sq. Ft.	Trace (<1%) Chrysotile
288	Building Z Exterior	Stucco	White	Good	Non-Friable	See Above	Included Above	Trace (<1%) Chrysotile
289	Building Z Exterior	Stucco	White	Good	Non-Friable	See Above	Included Above	Trace (<1%) Chrysotile
290	Building Z Exterior	Asphalt	Black	Good	Non-Friable	Asphalt Adjacent Building Z	N/A	None Detected
291	Building Z Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
292	Building Z Exterior	Asphalt	Black	Good	Non-Friable	See Above	N/A	None Detected
293	Building Z Interior	Concrete Floor	Gray	Good	Non-Friable	Concrete Floor Throughout Building Z	N/A	None Detected
294	Building Z Interior	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
295	Building Z Interior	Concrete Floor	Gray	Good	Non-Friable	See Above	N/A	None Detected
296	Building Z Restroom	Hockey Puck Mastic	Brown	Good	Non-Friable	Hockey Puck Mastic Throughout Building Z	150 Sq. Ft.	Trace (<1%) Anthophyllite (Brown Mastic)
297	Building Z Restroom	Hockey Puck Mastic	Brown	Good	Non-Friable	See Above	Included Above	Trace (<1%) Anthophyllite (Brown Mastic)
298	Building Z Restroom	Hockey Puck Mastic	Brown	Good	Non-Friable	See Above	Included Above	Trace (<1%) Anthophyllite (Brown Mastic)



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
299	Building Z Interior	Pipe Gasket	Black	Good	Non-Friable	Pipe Gasket Throughout Building Z	N/A	None Detected
300	Building Z Interior	Pipe Gasket	Black	Good	Non-Friable	See Above	N/A	None Detected
301	Building Z Interior	Pipe Gasket	Black	Good	Non-Friable	See Above	N/A	None Detected
302	Building Z Restroom (Behind Plaster Wall)	Drywall	Brown/ White	Good	Non-Friable	Drywall Throughout Building Z	N/A	None Detected
303	Building Z Restroom (Behind Plaster Wall)	Drywall	Brown/ White	Good	Non-Friable	See Above	N/A	None Detected
304	Building Z Restroom (Behind Plaster Wall)	Drywall	Brown/ White	Good	Non-Friable	See Above	N/A	None Detected
305	Building Z Pool	Ceramic Tile with Grout	Black/ White/ Blue	Good	Non-Friable	Ceramic Tile with Grout Throughout Building Z Pool	N/A	None Detected
306	Building Z Pool	Ceramic Tile with Grout	Black/ White/ Blue	Good	Non-Friable	See Above	N/A	None Detected
307	Building Z Pool	Ceramic Tile with Grout	Black/ White/ Blue	Good	Non-Friable	See Above	N/A	None Detected
308	Building Z Pool	Ceramic Tile with Grout	Green	Good	Non-Friable	Ceramic Tile with Grout Throughout Building Z Pool	N/A	None Detected
309	Building Z Pool	Ceramic Tile with Grout	Green	Good	Non-Friable	See Above	N/A	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
310	Building Z Pool	Ceramic Tile with Grout	Green	Good	Non-Friable	See Above	N/A	None Detected
311	Building Z Pool	Concrete Pool Perimeter with Grout	Red	Good	Non-Friable	Concrete Pool Perimeter with Grout Throughout Building Z Pool	N/A	None Detected
312	Building Z Pool	Concrete Pool Perimeter with Grout	Red	Good	Non-Friable	See Above	N/A	None Detected
313	Building Z Pool	Concrete Pool Perimeter with Grout	Red	Good	Non-Friable	See Above	N/A	None Detected
314	Building Z Pool Walkway	Expansion Joint Filler	Gray	Good	Non-Friable	Expansion Joint Filler Throughout Building Z Pool Walkway	N/A	None Detected
315	Building Z Pool Walkway	Expansion Joint Filler	Gray	Good	Non-Friable	See Above	N/A	None Detected
316	Building Z Pool Walkway	Expansion Joint Filler	Gray	Good	Non-Friable	See Above	N/A	None Detected
317	Building Z Pool Walkway	Concrete Walkway	Gray	Good	Non-Friable	Concrete Walkway Throughout Building Z Pool Walkway	N/A	None Detected
318	Building Z Pool Walkway	Concrete Walkway	Gray	Good	Non-Friable	See Above	N/A	None Detected
319	Building Z Pool Walkway	Concrete Walkway	Gray	Good	Non-Friable	See Above	N/A	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Coloi	Condition	Non-Friable	Location	Quantity	Results
320	Building Z Pool Walkway	Concrete Walkway	Orange	Good	Non-Friable	See Above	300 Sq. Ft.	Trace (<1%) Chrysotile (Light Red Cementitious Material)
321	Building Z Pool Walkway	Concrete Walkway	Red	Good	Non-Friable	See Above	Included Above	Trace (<1%) Chrysotile (Red Cementitious Material)
322	Building Z Pool Walkway	Concrete Walkway	Green	Good	Non-Friable	See Above	Included Above	Trace (<1%) Chrysotile (Green Cementitious Material)
323	Building Z Pool Perimeter Fence	Building Z Pool Perimeter Fence Concrete Footing	Gray	Good	Non-Friable	Building Z Pool Perimeter Fence Concrete Footing Throughout Building Z Exterior	N/A	None Detected
324	Building Z Pool Perimeter Fence	Building Z Pool Perimeter Fence Concrete Footing	Gray	Good	Non-Friable	See Above	N/A	None Detected
325	Building Z Pool Perimeter Fence	Building Z Pool Perimeter Fence Concrete Footing	Gray	Good	Non-Friable	See Above	N/A	None Detected
326	Building Z Exterior	Brick with Mortar Joint	Blue	Good	Non-Friable	Brick with Mortar Joint Throughout Building Z and Building Z Exterior	N/A	None Detected
327	Building Z Exterior	Brick with Mortar Joint	Blue	Good	Non-Friable	See Above	N/A	None Detected



Compton College – Phase 1 Demolition Project of Buildings M4, U, V, Z & Pool at the PE Complex 1111 East Artesia Boulevard, Compton, California 90221

Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description		Condition	Non-Friable	Location	Quantity	Results
328	Building Z Exterior	Brick with Mortar Joint	Blue	Good	Non-Friable	See Above	N/A	None Detected
329	Building Z Pool	Pool Basin Plaster	White	Good	Non-Friable	Pool Basin Plaster Throughout Pool	N/A	None Detected
330	Building Z Pool	Pool Basin Plaster	White	Good	Non-Friable	See Above	N/A	None Detected
331	Building Z Pool	Pool Basin Plaster	White	Good	Non-Friable	See Above	N/A	None Detected
332	Building U Ceiling Cavity	Debris Pile	Multi	Damaged	Friable	Debris Pile Throughout Ceiling Cavities in Building U	N/A	None Detected
333	Building U Ceiling Cavity	Debris Pile	Multi	Damaged	Friable	See Above	N/A	None Detected
334	Building U Ceiling Cavity	Debris Pile	Multi	Damaged	Friable	See Above	N/A	None Detected
335	Building V Mechanical Room	Vibration Damper	Gray	Good	Non-Friable	Vibration Damper Throughout Building V	N/A	None Detected
336	Building V Mechanical Room	Vibration Damper	Gray	Good	Non-Friable	See Above	N/A	None Detected
337	Building V Mechanical Room	Vibration Damper	Gray	Good	Non-Friable	See Above	N/A	None Detected
338	Building V Mechanical Room	Fire Rated Plaster	Gray	Good	Non-Friable	Fire Rated Plaster Throughout Building V	N/A	None Detected
339	Building V Mechanical Room	Fire Rated Plaster	Gray	Good	Non-Friable	See Above	N/A	None Detected
340	Building V Mechanical Room	Fire Rated Plaster	Gray	Good	Non-Friable	See Above	N/A	None Detected

-End of 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: 101459-1

Bainbridge Env. Consultants, Inc. **Client ID:** L1946 Henry Moreno **Report Number:** B314371 1322 Bell Ave., Suite #1N **Date Received:** 02/26/21 **Date Analyzed:** 03/02/21 Tustin, CA 92780 **Date Printed:** 03/02/21 **First Reported:** 03/02/21 Job ID/Site: CCCD / Compton College / Phase 1 Demolition Survey; 1111 E. Artesia Blvd., **SGSFL Job ID:** L1946 California 90221 **Total Samples Submitted: 340 Date(s) Collected:** 02/26/2021 **Total Samples Analyzed:** 340 Asbestos Percent in Asbestos Percent in Asbestos Percent in Lab Number Sample ID Type Layer Type Layer Type Layer 51418323 Layer: Grey Putty Chrysotile Trace Layer: Paint ND Cellulose (Trace) 51418324 Chrysotile Layer: Tan Putty 2 % Layer: Paint ND Cellulose (Trace) 3 51418325 Layer: Tan Putty Chrysotile 2 % Layer: Paint ND Cellulose (Trace) 51418326 Layer: Black Felt ND Layer: Grey Cementitious Material ND Layer: Light Grey Cementitious Material ND Layer: Paint ND Cellulose (Trace) 5 51418327 Layer: Black Felt ND Layer: Grey Cementitious Material ND Layer: Light Grey Cementitious Material ND Layer: Paint ND Cellulose (Trace) 51418328 Layer: Black Felt ND Layer: Grey Cementitious Material ND Layer: Light Grey Cementitious Material ND Layer: Paint ND Cellulose (Trace) 51418329 ND Layer: Grey Cementitious Material Cellulose (Trace)

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
8 Layer: Black Asphalt Layer: Grey Cementitious Material	51418330		ND ND				
Cellulose (Trace)							
9 Layer: Black Asphalt	51418331		ND				
Layer: Grey Cementitious Material Cellulose (Trace)			ND				
10 Layer: Grey Cementitious Material Layer: Paint	51418332		ND ND				
Cellulose (Trace)							
11 Layer: Grey Cementitious Material Layer: Paint	51418333		ND ND				
Cellulose (Trace)							
12 Layer: Grey Cementitious Material Layer: Paint	51418334		ND ND				
Cellulose (Trace)							
Layer: Black Woven Material w/ Layer: Yellow Mastic	51418335		ND ND				
Cellulose (80 %)  14  Lever: Plack Weven Meterial w/	51418336		ND				
Layer: Black Woven Material w/ Layer: Yellow Mastic Cellulose (80 %)			ND ND				
15 Layer: Black Woven Material w/ Layer: Yellow Mastic	51418337		ND ND				
Cellulose (80 %)							
16 Layer: Black Asphalt	51418338		ND				
Cellulose (Trace)							
17 Layer: Black Asphalt	51418339		ND				
Cellulose (Trace)							
18 Layer: Black Semi-Fibrous Tar Layer: Black Asphalt	51418340		ND ND				
Cellulose (Trace)							

Layer	Type	

Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent ir Layer
51418350		ND ND ND				
51418351		ND ND ND				
51418352		ND ND ND ND				
51418353		ND ND				
51418354		ND ND				
51418355		ND ND				
51418356		ND ND				
51418357		ND ND ND ND				
51418358		ND ND				
	51418351 51418351 51418352 51418353 51418355 51418356	Lab Number     Type       51418350       51418351       51418352       51418353       51418354       51418355       51418357	Lab Number       Type       Layer         51418350       ND N	Lab Number         Type         Layer         Type           51418350         ND N	Lab Number   Type   Layer   Type   Layer	Lab Number   Type   Layer   Type   Layer   Type

Chefit Maine: Damonage Liv. Consul							
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
37 Layer: Tan Fibrous Material Layer: Paint	51418359		ND ND				
Cellulose (95 %)							
38 Layer: Tan Fibrous Material Layer: Paint	51418360		ND ND				
Cellulose (95 %)							
39 Layer: Tan Fibrous Material Layer: Paint	51418361		ND ND				
Cellulose (95 %)							
40 Layer: Tan Fibrous Material Layer: Paint	51418362		ND ND				
Cellulose (95 %)							
41 Layer: Tan Fibrous Material Layer: Paint	51418363		ND ND				
Cellulose (95 %)							
42 Layer: Tan Fibrous Material Layer: Paint	51418364		ND ND				
Cellulose (95 %)							
43 Layer: Tan Fibrous Material Layer: Paint	51418365		ND ND				
Cellulose (95 %)							
44 Layer: Tan Fibrous Material Layer: Paint	51418366		ND ND				
Cellulose (95 %)							
45 Layer: Brown Mastic Layer: Tan Fibrous Material	51418367		ND ND				
Cellulose (15 %)							
46 Layer: Brown Mastic Layer: Tan Fibrous Material	51418368		ND ND				
Cellulose (5 %)							
47 Layer: Brown Mastic Layer: Tan Fibrous Material	51418369		ND ND				
Cellulose (5 %)							

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Client Name: Bainbridge Env. Consultants, Inc.

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
48 Layer: Brown Fibrous Material	51418370		ND				
Layer: Tan Fibrous Material with Tar			ND				
Cellulose (35 %) Fibrous Glass (							
49 Layer: Brown Fibrous Material Layer: Tan Fibrous Material with Tar	51418371		ND ND				
Cellulose (25 %) Fibrous Glass (	70 %)						
50 Layer: Brown Fibrous Material Layer: Tan Fibrous Material with Tan	51418372		ND ND				
Cellulose (15 %) Fibrous Glass (	80 %)						
51 Layer: Red Tile Layer: Tan Mastic Layer: Black Mastic	51418373		ND ND ND				
Cellulose (Trace)							
Layer: Red Tile Layer: Tan Mastic Layer: Black Mastic Cellulose (Trace)	51418374		ND ND ND				
53	51418375						
Layer: Red Tile Layer: Tan Mastic Layer: Black Mastic	31410373		ND ND ND				
Cellulose (Trace)							
Layer: Pink Tile Layer: Tan Mastic Layer: Black Mastic	51418376		ND ND ND				
Cellulose (Trace)							
Layer: Pink Tile Layer: Tan Mastic Layer: Black Mastic Layer: Grey Cementitious Material	51418377		ND ND ND ND				
Cellulose (Trace) Comment: Bulk complex sample.							
Layer: Pink Tile Layer: Tan Mastic Layer: Black Mastic	51418378		ND ND ND				
Cellulose (Trace)							

Cheft Ivame: Bambridge Env. Consultan					Date I Inited		
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
57 Layer: Grey Sheet Flooring Layer: Tan Mastic	51418379		ND ND				
Layer: Beige Non-Fibrous Material Layer: Black Mastic			ND ND				
Cellulose (Trace) Comment: Bulk complex sample.							
58 Layer: Grey Sheet Flooring Layer: Tan Mastic Layer: Black Mastic	51418380		ND ND ND				
Cellulose (Trace)							
59 Layer: Grey Sheet Flooring Layer: Tan Mastic Layer: Black Mastic	51418381		ND ND ND				
Cellulose (Trace)							
60 Layer: Grey Carpet Layer: Tan Adhesive Layer: Tan Tile Layer: Black Mastic	51418382	Chrysotile	ND ND 2 % ND				
Cellulose (Trace) Synthetic (50 %) Comment: Bulk complex sample.							
61 Layer: Grey Carpet Layer: Tan Adhesive Layer: Black Mastic	51418383		ND ND ND				
Cellulose (Trace) Synthetic (75 %)							
62 Layer: Purple Carpet Layer: Tan Mastic	51418384		ND ND				
Cellulose (Trace) Synthetic (85 %)							
63 Layer: Red-Brown Non-Fibrous Materia Layer: Beige Mastic	51418385 al		ND ND				
Cellulose (Trace)							
64 Layer: Grey Non-Fibrous Material Layer: Off-White Mastic	51418386		ND ND				
Cellulose (Trace)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent i Layer
Layer: Black Non-Fibrous Material Layer: Beige Mastic	51418387		ND ND				
Cellulose (Trace)							
Layer: Off-White Panel with Adhesive Cellulose (65 %)	51418388		ND				
67	51418389						
Layer: Off-White Panel with Adhesive			ND				
Cellulose (65 %)							
Layer: Off-White Panel with Adhesive	51418390		ND				
Cellulose (65 %)							
69 Layer: White Fibrous Material	51418391		ND				
Cellulose (Trace) Fibrous Glass (90	%)						
70	51418392						
Layer: White Fibrous Material			ND				
Cellulose (Trace) Fibrous Glass (90	%)						
71 Layer: White Fibrous Material	51418393		ND				
Cellulose (Trace) Fibrous Glass (90	%)						
Layer: Beige Plaster Layer: White Plaster Layer: Paint	51418394		ND ND ND				
Cellulose (Trace)							
73 Layer: Beige Plaster Layer: White Plaster Layer: Paint	51418395		ND ND ND				
Cellulose (Trace)							
<b>74</b> Layer: Beige Plaster Layer: White Plaster Layer: Paint	51418396		ND ND ND				
Cellulose (Trace)							
75 Layer: Red-Brown Ceramic Material Layer: Grey Mortar	51418397		ND ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
76 Layer: Red-Brown Ceramic Material Layer: Grey Mortar	51418398		ND ND				
Cellulose (Trace)							
77 Layer: Red-Brown Ceramic Material Layer: Grey Mortar	51418399		ND ND				
Cellulose (Trace)							
78 Layer: Stones Layer: Silver Paint Layer: Black Tars Layer: Black Felt	51418400		ND ND ND ND				
Cellulose (30 %)							
Layer: Stones Layer: Silver Paint Layer: Black Tars Layer: Black Felt Cellulose (30 %)	51418401		ND ND ND ND				
	51419402						
Layer: Stones Layer: Silver Paint Layer: Black Tars Layer: Black Felt	51418402		ND ND ND ND				
Cellulose (30 %)							
81 Layer: Grey Roof Shingle Layer: 2 Black Tars Layer: 2 Black Felts	51418403		ND ND ND				
Cellulose (Trace) Fibrous Glass (4	45 %)						
Layer: Grey Roof Shingle Layer: 2 Black Tars Layer: 2 Black Felts	51418404		ND ND ND				
Cellulose (Trace) Fibrous Glass (4							
Layer: Grey Roof Shingle Layer: 2 Black Tars Layer: 2 Black Felts Layer: Wood	51418405		ND ND ND ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
84 Layer: 2 Black Tars Layer: Black Semi-Fibrous Tar Layer: Silver Paint Layer: Black Semi-Fibrous Tar Layer: Silver Paint Cellulose (5 %)	51418406		ND ND ND ND				
Comment: Bulk complex sample.							
85 Layer: Black Semi-Fibrous Tar Layer: Silver Paint Layer: Black Semi-Fibrous Tar Layer: Silver Paint	51418407		ND ND ND ND				
Cellulose (7 %) Comment: Bulk complex sample.							
Layer: Black Semi-Fibrous Tar Layer: Silver Paint Layer: Black Semi-Fibrous Tar Layer: Silver Paint Cellulose (7 %)	51418408		ND ND ND ND				
Comment: Bulk complex sample.  87  Layer: Black Semi-Fibrous Tar	51418409		ND				
Layer: Silver Paint Cellulose (5 %)			ND				
88 Layer: Black Semi-Fibrous Tar Layer: Silver Paint Layer: Black Semi-Fibrous Tar Layer: Silver Paint	51418410		ND ND ND ND				
Cellulose (7 %) Comment: Bulk complex sample.							
89 Layer: Black Semi-Fibrous Tar Layer: Silver Paint Layer: Black Semi-Fibrous Tar Layer: Silver Paint	51418411		ND ND ND ND				
Cellulose (7 %) Comment: Bulk complex sample.							
90 Layer: Black Semi-Fibrous Tar Layer: Foil and Paint	51418412		ND ND				
Cellulose (Trace) Fibrous Glass (1	0 %)						

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Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
91 Layer: Paint Layer: Black Semi-F Layer: Foil and Paint		51418413		ND ND ND				
Cellulose (Trace)	Fibrous Glass (10	)%)		1 (2)				
92 Layer: Black Semi-F Layer: Foil and Paint	ibrous Tar	51418414		ND ND				
Cellulose (Trace)	Fibrous Glass (10	)%)						
93 Layer: Black Tar wit Layer: Off-White No Layer: White Coating	n-Fibrous Material	51418415 I		ND ND ND				
Cellulose (Trace)	Synthetic (5 %)							
94 Layer: Black Felts Layer: Black Tar wit Layer: Off-White No Layer: White Coating	n-Fibrous Material	51418416 I		ND ND ND ND				
Cellulose (Trace) Comment: Bulk com	Fibrous Glass (20 aplex sample.	Synthe	etic (5 %)					
95 Layer: Black Felts Layer: Black Tar wit Layer: Off-White No Layer: White Coating	n-Fibrous Material	51418417 I		ND ND ND ND				
Cellulose (Trace) Comment: Bulk com	Fibrous Glass (20 nplex sample.	)%) Synthe	etic (5 %)					
96 Layer: Grey Adhesiv Layer: Foil Layer: Beige Non-Fi Cellulose (Trace)		51418418		ND ND ND				
97 Layer: Black Semi-F	ibrous Tar	51418419	Chrysotile	3 %				
Cellulose (Trace)	Fibrous Glass (2	%)	2 3 2 2 2 2 2	2 /0				
98 Layer: Grey Adhesiv Layer: Foil Layer: Beige Non-Fi	e	51418420		ND ND ND				
Cellulose (Trace)								

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
99 Layer: Grey Semi-Fibrous Material Layer: Paint	51418421	Chrysotile	15 % ND	Crocidolite	3 %		
Cellulose (Trace)							
100 Layer: Grey Semi-Fibrous Material Layer: Paint	51418422	Chrysotile	15 % ND	Crocidolite	3 %		
Cellulose (Trace)							
Layer: Grey Semi-Fibrous Material Layer: Paint Layer: Silver Paint	51418423	Chrysotile	15 % ND ND	Crocidolite	3 %		
Cellulose (Trace)  102 Layer: 3 Black Tars Layer: 3 Black Felts Layer: Wood	51418424		ND ND ND				
Cellulose (15 %) Fibrous Glass (4	5 %)						
103 Layer: 3 Black Tars Layer: 3 Black Felts Layer: Wood	51418425		ND ND ND				
Cellulose (15 %) Fibrous Glass (4							
Layer: 4 Black Tars Layer: 4 Black Felts Layer: Wood	51418426		ND ND ND				
Cellulose (20 %) Fibrous Glass (4							
Layer: Black Semi-Fibrous Material Layer: Black Adhesive Layer: Black Felt Layer: White Semi-Fibrous Material Layer: Yellow Foam Cellulose (20 %) Synthetic (5 %) Comment: Bulk complex sample.	51418427		ND ND ND ND				
106	51418428						
Layer: Black Semi-Fibrous Material Layer: Black Felt Layer: White Semi-Fibrous Material Layer: Yellow Foam			ND ND ND ND				
Cellulose (20 %) Synthetic (5 %) Comment: Bulk complex sample.							

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Client Name: Bainbridge Env. Consultants, Inc.

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Black Semi-Fibrous Material Layer: Black Felt Layer: White Semi-Fibrous Material Layer: Yellow Foam	51418429		ND ND ND ND				
Cellulose (20 %) Synthetic (5 %) Comment: Bulk complex sample.							
108 Layer: White Non-Fibrous Material Cellulose (Trace)	51418430		ND				
109 Layer: White Non-Fibrous Material Cellulose (Trace)	51418431		ND				
110 Layer: White Non-Fibrous Material with Cellulose (Trace)	51418432 n Debris		ND				
111 Layer: Grey Non-Fibrous Mat'l with Me Cellulose (Trace)	51418433 tal		ND				
Layer: Grey Non-Fibrous Mat'l with Me Cellulose (Trace)	51418434 tal		ND				
113 Layer: Grey Non-Fibrous Mat'l with Me Cellulose (Trace)	51418435 etal		ND				
114 Layer: Black Asphalt Cellulose (Trace)	51418436		ND				
115 Layer: Black Asphalt Cellulose (Trace)	51418437		ND				
116 Layer: Black Asphalt with Debris Cellulose (Trace)	51418438		ND				
Layer: Wood Layer: Fibrous Backing Layer: Dark Beige Coating Layer: Coating/Paints	51418439	Chrysotile	ND ND 5 % ND				
Cellulose (20 %) Comment: Bulk complex sample.							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
118 Layer: Fibrous Backing Layer: Grey Non-Fibrous Material Layer: Dark Beige Coating/Paints	51418440	Chrysotile	ND ND 2 %				
Cellulose (5 %)							
Layer: Fibrous Backing Layer: Dark Beige Coating Layer: Coating/Paints	51418441	Chrysotile	ND 5 % ND				
Cellulose (7 %)							
Layer: Grey Cementitious Material Layer: Yellow Non-Fibrous Mat'l with	51418442 Paint		ND ND				
Cellulose (Trace)							
121 Layer: Grey Cementitious Material Layer: Yellow Non-Fibrous Mat'l with	51418443 Paint		ND ND				
Cellulose (Trace)							
122 Layer: Grey Cementitious Material Layer: Paint	51418444		ND ND				
Cellulose (Trace)							
123 Layer: Grey Cementitious Material	51418445		ND				
Cellulose (Trace)							
124 Layer: Grey Cementitious Material	51418446		ND				
Cellulose (Trace)							
Layer: Grey Cementitious Material	51418447		ND				
Cellulose (Trace)							
Layer: Beige Sheet Flooring Layer: Fibrous Backing Layer: Tan Mastic Layer: Beige Tile Layer: Black Mastic Layer: Wood	51418448	Chrysotile	ND ND ND 5 % ND ND				
Cellulose (10 %) Comment: Bulk complex sample.							

Sample ID	Lab Number	Asbestos	Percent in	Asbestos	Percent in	Asbestos	Percent in
Sample ID		Туре	Layer	Туре	Layer	Туре	Layer
Layer: Beige Sheet Flooring Layer: Fibrous Backing Layer: Tan Mastic Layer: Wood	51418449		ND ND ND ND				
Cellulose (20 %) Comment: Bulk complex sample.							
Layer: Beige Sheet Flooring Layer: Fibrous Backing Layer: Dark Tan Mastic Layer: Off-White Ceramic Tile Layer: Grey Mastic	51418450		ND ND ND ND ND				
Cellulose (3 %) Comment: Bulk complex sample.							
Layer: Dark Tan Mastic Layer: Off-White Ceramic Tile Layer: Grey Mastic Layer: Wood Cellulose (7 %) Comment: Bulk complex sample.	51418451		ND ND ND ND				
Layer: Dark Tan Mastic Layer: Off-White Ceramic Tile Layer: Grey Mastic Layer: Wood Cellulose (2 %) Comment: Bulk complex sample.	51418452		ND ND ND ND				
Layer: Dark Tan Mastic Layer: Off-White Ceramic Tile Layer: Grey Mastic Layer: Wood	51418453		ND ND ND ND				
Cellulose (7 %) Comment: Bulk complex sample.							
132 Layer: Beige Tile Layer: Black Mastic	51418454	Chrysotile	5 % ND				
Cellulose (Trace)							
Layer: Beige Tile Layer: Black Mastic Layer: Wood	51418455	Chrysotile	5 % ND ND				
Cellulose (15 %)							

Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
134 Layer: Beige Tile Layer: Black Mastic Cellulose (Trace)		51418456	Chrysotile	5 % ND				
		£14194£7						
Layer: Tan Mastic Layer: Beige Tile Layer: Black Mastic		51418457	Chrysotile	ND 5 % ND				
Cellulose (Trace) Sy	enthetic (Trace)							
Layer: Tan Mastic Layer: Beige Tile Layer: Black Mastic		51418458	Chrysotile	ND 5 % ND				
Cellulose (Trace) Sy	enthetic (Trace)							
Layer: Tan Mastic with C Layer: Beige Tile Layer: Black Mastic	Carpet	51418459	Chrysotile	ND 5 % ND				
Cellulose (Trace) Sy	ynthetic (3 %)							
Layer: Brown Non-Fibro Layer: Tan Mastic Layer: Paint Layer: Off-White Wallco Layer: Fibrous Backing		51418460 hesive		ND ND ND ND ND				
Cellulose (10 %) Comment: Bulk comple	x sample.							
Layer: Black Non-Fibror Layer: Tan Mastic Layer: Paint Layer: Fibrous Backing	us Material	51418461		ND ND ND ND				
Cellulose (3 %)								
Layer: Black Non-Fibror Layer: Tan Mastic Layer: Paint Layer: Off-White Non-F Layer: Fibrous Backing		51418462		ND ND ND ND ND				
Cellulose (2 %) Comment: Bulk comple	x sample.							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
141	51418463						_
Layer: Paint	41		ND				
Layer: Off-White Wallcovering with A Layer: Tan Fibrous Material	unesive		ND ND				
Cellulose (90 %)			110				
142	51418464						
Layer: Paint	01110101		ND				
Layer: Off-White Wallcovering with A	dhesive		ND				
Layer: Tan Fibrous Material			ND				
Cellulose (90 %)							
143 Layer: Paint	51418465		ND				
Layer: Off-White Wallcovering with A	dhesive		ND				
Layer: Tan Fibrous Material			ND				
Cellulose (90 %)							
144	51418466						
Layer: Grey Carpet			ND				
Layer: Tan Mastic			ND				
Cellulose (Trace) Synthetic (15 %) 145							
Layer: Grey Carpet	51418467		ND				
Layer: Tan Mastic			ND				
Cellulose (Trace) Synthetic (85 %)							
146	51418468						
Layer: Grey Carpet			ND				
Layer: Tan Mastic			ND				
Cellulose (Trace) Synthetic (85 %)							
147 Layer: White Wood Panel with Tan Ma	51418469 astic		ND				
Cellulose (35 %)	-5 <b>4-5</b>		1 (2)				
148	51418470						
Layer: White Wood Panel with Tan Ma	stic		ND				
Cellulose (35 %)							
149	51418471						
Layer: White Wood Panel with Tan Ma	stic		ND				
Cellulose (35 %)	#4.440.1=5						
Layer: Yellow Fibrous Material	51418472		ND				
Layer: Paint with Adhesive			ND ND				
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (7 %) Fibrous Glass (75	%)						

Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Yellow Fibrous Layer: Paint with Adhe Layer: Beige Fibrous Layer: Paint	Material esive Material	51418473		ND ND ND ND				
Cellulose (7 %) Fi	brous Glass (80 %)							
Layer: Yellow Fibrous Layer: Paint with Adhe Layer: Beige Fibrous Layer: Paint	Material esive	51418474		ND ND ND ND				
Cellulose (7 %) Fi	brous Glass (80 %)							
Layer: Silver Paint Layer: 3 Black Tars Layer: 3 Black Felts	:	51418475		ND ND ND				
Cellulose (35 %)	Fibrous Glass (2 %)	Synthetic	c (7 %)					
Layer: Silver Paint Layer: 3 Black Tars Layer: 3 Black Felts		51418476	2 ( <b>5</b> 0/ )	ND ND ND				
, ,	Fibrous Glass (5 %)	•	2 (5 %)					
Layer: Silver Paint Layer: 3 Black Tars Layer: 3 Black Felts	:	51418477		ND ND ND				
Cellulose (35 %)	Fibrous Glass (5 %)	Synthetic	(5 %)					
· · · · · · · · · · · · · · · · · · ·	th Woven Material Fibrous Glass (2 %)	51418478 ) Syntheti	c (3 %)	ND ND ND ND ND				
Comment: Bulk comp	olex sample.							
Layer: Silver Paint Layer: Black Tars Layer: Black Felt Layer: Black Foam wi Layer: Black Semi-Fib Layer: Black Woven M	th Woven Material prous Tar	51418479	Chrysotile	ND ND ND ND 5 % ND				
	brous Glass (2 %)	Synthetic	(3 %)	1112				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Silver Paint Layer: Black Tars Layer: Black Felt Layer: Black Non-Fibrous Material Layer: Beige Coating Layer: Silver Paint Layer: Black Semi-Fibrous Tar Cellulose (Trace) Fibrous Glass (Trace)	51418480	etic (7 %)	ND ND ND ND ND ND				
Comment: Bulk complex sample.	ace) Syman	one (, ,0)					
Layer: White Coating Layer: Silver Paint Layer: Black Tars Layer: 2 Black Felts Layer: Silver Paint Layer: Beige Coating Layer: Black Semi-Fibrous Tar	51418481	Chrysotile	ND ND ND ND ND ND				
Cellulose (Trace) Fibrous Glass (Trace) Comment: Bulk complex sample.	ace) Synthe	etic (7 %)					
Layer: White Coating Layer: Silver Paint Layer: Black Tars Layer: 2 Black Felts Layer: Silver Paint Layer: Beige Coating Layer: Black Semi-Fibrous Tar	51418482	Chrysotile	ND ND ND ND ND ND S %				
Cellulose (Trace) Fibrous Glass (2 9 Comment: Bulk complex sample.	%) Syntheti	ic (10 %)					
Layer: White Coating Layer: Silver Paint Layer: Black Tars Layer: Black Felt Layer: Black Semi-Fibrous Tar	51418483	Chrysotile	ND ND ND ND 5 %				
Cellulose (Trace) Fibrous Glass (Trace) Comment: Bulk complex sample.	ace) Synthe	etic (7 %)	2 ,0				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: White Coating Layer: Silver Paint Layer: Black Tars Layer: Black Felt Layer: Black Foam Layer: Beige Coating Layer: Silver Paint Layer: Black Semi-Fibrous Tar Cellulose (Trace) Fibrous Glass (To	51418484 race) Synthe	etic (15 %)	ND ND ND ND ND ND ND ND ND				
Comment: Bulk complex sample.  163  Layer: Silver Paint Layer: Black Tar Layer: Black Foam Layer: Black Semi-Fibrous Tar  Cellulose (Trace) Fibrous Glass (Tomment: Bulk complex sample.	51418485 race)	Chrysotile	ND ND ND 5 %				
Layer: White Coating Layer: Silver Paint Layer: Black Tar Layer: Black Foam Layer: Black Semi-Fibrous Tar Cellulose (Trace) Fibrous Glass (Tour Comment: Bulk complex sample.	51418486 race)	Chrysotile	ND ND ND ND 5 %				
Layer: White/Black Semi-Fibrous Materia Layer: Off-White Non-Fibrous Materia Layer: Black Semi-Fibrous Tar Layer: Beige Coating Layer: Silver Paint Cellulose (Trace) Synthetic (5 %)			ND ND ND ND ND				
Comment: Bulk complex sample.  166  Layer: White/Black Semi-Fibrous Materia Layer: Off-White Non-Fibrous Materia Layer: Beige Coating Layer: Silver Paint Layer: Black Tar  Cellulose (Trace) Synthetic (5 %)  Comment: Bulk complex sample.			ND ND ND ND ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: White/Black Semi-Fibrous Material Layer: Off-White Non-Fibrous Material Layer: Beige Coating Layer: Silver Paint Layer: Black Tar	51418489	• 1	ND ND ND ND	7.1	·	• 1	·
Cellulose (Trace) Synthetic (5 %) Comment: Bulk complex sample.							
168 Layer: White Coating Layer: Silver Paint	51418490	Chrysotile	ND 3 %				
Cellulose (Trace)							
Layer: White Coating Layer: Silver Paint Cellulose (Trace)	51418491	Chrysotile	ND 3 %				
170 Layer: White Coating Layer: Silver Paint	51418492	Chrysotile	ND 3 %				
Cellulose (Trace)							
171 Layer: Grey Semi-Fibrous Material w/ P	51418493 aint	Chrysotile	15 %	Crocidolite	3 %		
Cellulose (Trace)							
172 Layer: Grey Semi-Fibrous Material w/ P	51418494 aint	Chrysotile	15 %	Crocidolite	3 %		
Cellulose (Trace)							
Layer: Grey Semi-Fibrous Material w/ P	51418495 aint	Chrysotile	15 %	Crocidolite	3 %		
Cellulose (Trace)  174  Layer: Tan Putty  Layer: Paint	51418496	Chrysotile	2 % ND				
Cellulose (Trace)							
175 Layer: Tan Putty Layer: Paint	51418497	Chrysotile	2 % ND				
Cellulose (Trace)							
176 Layer: Tan Putty Layer: Paint	51418498	Chrysotile	2 % ND				
Cellulose (Trace)							

Chem Name. Damonage Env. Consulta	ints, mc.				Date I Illiteu	• 03/02/	<b>41</b>
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent ir Layer
177 Layer: Tan Semi-Fibrous Material Layer: Grey Cementitious Material Layer: Paint	51418499	Chrysotile	2 % ND ND				
Cellulose (Trace)							
178 Layer: Grey Cementitious Material Layer: Paint	51418500		ND ND				
Cellulose (Trace)							
179 Layer: Grey Cementitious Material Layer: Paint	51418501		ND ND				
Cellulose (Trace)							
180 Layer: Brown Tile Layer: Tan Mastic with Debris	51418502		ND ND				
Cellulose (Trace)							
Layer: Light Brown Tile Layer: Beige Non-Fibrous Material Layer: Black Mastic	51418503	Chrysotile	2 % ND ND				
Cellulose (Trace)							
Layer: Brown Tile Layer: Tan Mastic with Debris Layer: Black Mastic	51418504		ND ND ND				
Cellulose (Trace)							
Layer: Brown Tile Layer: Tan Mastic with Debris Layer: Black Mastic	51418505		ND ND ND				
Cellulose (Trace)							
Layer: Brown Tile Layer: Tan Mastic with Debris Layer: Black Mastic Layer: Dark Brown Tile Layer: Black Mastic	51418506	Chrysotile	ND ND ND 3 % ND				
Cellulose (Trace) Comment: Bulk complex sample.							
185 Layer: Dark Brown Tile Layer: Black Mastic	51418507	Chrysotile	3 % ND				
Cellulose (Trace)							

Chefit Name. Damonage Env. Consult	ants, mc.				Date I I IIIteu	• 03/02/	41
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Green Tile Layer: Tan Mastic Layer: Black Mastic	51418508	GI II	ND ND ND				
Layer: Beige Tile Debris Cellulose (Trace) Comment: Bulk complex sample.		Chrysotile	5 %				
187 Layer: Green Tile Layer: Tan Mastic Layer: Black Mastic	51418509		ND ND ND				
Cellulose (Trace)  188  Layer: Green Tile Layer: Tan Mastic Layer: Black Mastic	51418510		ND ND ND				
Cellulose (Trace)							
189 Layer: Dark Green Tile Layer: Black Mastic Layer: Beige Tile Debris	51418511	Chrysotile Chrysotile	3 % ND 5 %				
Cellulose (Trace)							
190 Layer: Dark Green Tile Layer: Black Mastic	51418512	Chrysotile	3 % ND				
Cellulose (Trace)							
191 Layer: Dark Green Tile Layer: Black Mastic Layer: Beige Tile Debris	51418513	Chrysotile Chrysotile	3 % ND 5 %				
Cellulose (Trace)							
192 Layer: Beige Tile Layer: Black Mastic	51418514	Chrysotile	5 % ND				
Cellulose (Trace)							
193 Layer: Beige Tile Layer: Black Mastic	51418515	Chrysotile	5 % ND				
Cellulose (Trace)							
194 Layer: Beige Tile Layer: Black Mastic	51418516	Chrysotile	5 % ND				
Cellulose (Trace)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
195 Layer: Dark Red Tile Layer: Black Mastic	51418517	Chrysotile	5 % ND				·
Cellulose (Trace)							
196 Layer: Dark Red Tile Layer: Black Mastic Cellulose (Trace)	51418518	Chrysotile	5 % ND				
197 Layer: Red Tile Layer: Tan Mastic Layer: Black Mastic	51418519		ND ND ND				
Cellulose (Trace)							
Layer: Beige Tile Layer: Beige Mastic Layer: Green Tile Layer: Black Mastic	51418520	Chrysotile	ND ND 5 % ND				
Cellulose (Trace) Comment: Bulk complex sample.							
Layer: Beige Tile Layer: Beige Mastic Cellulose (Trace)	51418521		ND ND				
200  Layer: Beige Tile Layer: Beige Mastic Layer: Green Tile Layer: Black Mastic Cellulose (Trace)	51418522	Chrysotile	ND ND 5 % ND				
Comment: Bulk complex sample.							
201 Layer: Beige Tile Layer: Beige Mastic Layer: Green Tile Layer: Black Mastic	51418523	Chrysotile	ND ND 5 % ND				
Cellulose (Trace) Comment: Bulk complex sample.							
202 Layer: Beige Tile Layer: Beige Mastic	51418524		ND ND				
Cellulose (Trace)							

ample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
3 Layer: Beige Tile Layer: Beige Mastic Layer: Green Tile Layer: Black Mastic	51418525	Chrysotile	ND ND 5 % ND				
Cellulose (Trace) Comment: Bulk complex sar	nple.						
4 Layer: Blue Panel with Adhe Layer: Wood	51418526 sive		ND ND				
Cellulose (65 %)	51410527						
5 Layer: Blue Panel with Adhe Layer: Wood	51418527 sive		ND ND				
Cellulose (65 %)							
6 Layer: Blue Panel with Adhe Layer: Wood	51418528 sive		ND ND				
Cellulose (65 %)							
Tayer: Brown Fibrous Material (Cellulose (3 %)  Fibrous Gamerial (Cellulose (3 %)			ND ND				
18 Layer: Brown Fibrous Material Layer: Tan Fibrous Material	51418530 al		ND ND				
Cellulose (15 %) Fibrous	Glass (80 %)						
<b>9</b> Layer: Brown Fibrous Materi Layer: Tan Fibrous Material			ND ND				
Cellulose (Trace) Fibrou	s Glass (95 %)						
<b>0</b> Layer: Brown Mastic Layer: Tan Fibrous Material	51418532		ND ND				
Cellulose (10 %)							
1 Layer: Brown Mastic Layer: Tan Fibrous Material Cellulose (10 %)	51418533		ND ND				
<b>2</b> Layer: Brown Mastic Layer: Tan Fibrous Material	51418534		ND ND				
Layer: Brown Mastic Layer: Tan Fibrous Material Cellulose (10 %)  1 Layer: Brown Mastic Layer: Tan Fibrous Material Cellulose (10 %)  2 Layer: Brown Mastic	51418533		ND ND ND				

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
213 Layer: Black Non-Fibrous Material Layer: Beige Mastic Layer: Paint Layer: Drywall Backing	51418535		ND ND ND ND				
Cellulose (5 %)							
Layer: Black Non-Fibrous Material Layer: Beige Mastic Layer: Paint Layer: Tan Mastic Layer: White Non-Fibrous Material	51418536	Chrysotile	ND ND ND 2 % ND				
Cellulose (Trace) Comment: Bulk complex sample.							
Layer: Black Non-Fibrous Material Layer: Beige Mastic Layer: Paint Layer: Tan Mastic	51418537	Chrysotile	ND ND ND 2 %				
Cellulose (Trace)							
216 Layer: Light Beige Tile Layer: Black/Tan Mastics	51418538		ND ND				
Cellulose (Trace)							
217 Layer: Light Beige Tile Layer: Black/Tan Mastics	51418539		ND ND				
Cellulose (Trace)							
218 Layer: Light Beige Tile Layer: Black/Tan Mastics	51418540		ND ND				
Cellulose (Trace)							
Layer: Tan Flooring	51418541		ND				
Cellulose (Trace)	51.1105.10						
220 Layer: Tan Flooring Cellulose (Trace)	51418542		ND				
221 Layer: Tan Flooring Cellulose (Trace)	51418543		ND				
222 Layer: White Drywall	51418544		ND				
Cellulose (20 %)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
223	51418545						
Layer: White Drywall			ND				
Cellulose (20 %)							
224 Layer: White Drywall Cellulose (20 %)	51418546		ND				
225 Layer: Beige Plaster with Debris Layer: White Plaster with Debris Layer: Paint	51418547		ND ND ND				
Cellulose (Trace)							
226 Layer: Beige Plaster with Debris Layer: White Plaster with Debris Layer: Paint	51418548		ND ND ND				
Cellulose (Trace)							
Layer: Beige Plaster with Debris Layer: White Plaster with Debris Layer: Paint	51418549		ND ND ND				
Cellulose (Trace)							
228 Layer: Tan Fibrous Material Layer: Paint Cellulose (95 %)	51418550		ND ND				
	51410551						
229 Layer: Tan Fibrous Material Layer: Paint	51418551		ND ND				
Cellulose (95 %)							
230 Layer: Tan Fibrous Material Layer: Paint	51418552		ND ND				
Cellulose (95 %)							
231 Layer: Tan Fibrous Material Layer: Paint	51418553		ND ND				
Cellulose (95 %)							
232 Layer: Tan Fibrous Material Layer: Paint	51418554		ND ND				
Cellulose (95 %)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
233 Layer: Tan Fibrous Material Layer: Paint	51418555		ND ND				
Cellulose (90 %)							
234 Layer: Tan Fibrous Material Layer: Paint	51418556		ND ND				
Cellulose (95 %)							
235 Layer: Tan Fibrous Material Layer: Paint	51418557		ND ND				
Cellulose (90 %)							
236 Layer: Tan Fibrous Material Layer: Paint	51418558		ND ND				
Cellulose (90 %)							
237 Layer: Tan Fibrous Material Layer: Paint	51418559		ND ND				
Cellulose (90 %)							
238 Layer: Tan Fibrous Material Layer: Paint	51418560		ND ND				
Cellulose (95 %)							
Layer: Tan Fibrous Material Layer: Paint	51418561		ND ND				
Cellulose (95 %)  240  Layer: Tan Fibrous Material	51418562		ND				
Layer: Paint Cellulose (95 %)			ND				
241 Layer: Tan Fibrous Material Layer: Paint	51418563		ND ND				
Cellulose (95 %)							
<b>242</b> Layer: Tan Fibrous Material Layer: Paint	51418564		ND ND				
Cellulose (95 %)							

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent ir Layer
243 Layer: Black Felt Layer: Grey Cementitious Materials Layer: Paint	51418565		ND ND ND				
Cellulose (7 %)							
244 Layer: Black Felt Layer: Grey Cementitious Material Layer: Paint/Coating	51418566		ND ND ND				
Cellulose (7 %)							
245 Layer: Black Felt Layer: Grey Cementitious Material Layer: Paint/Coating	51418567		ND ND ND				
Cellulose (7 %)							
246 Layer: Red-Brown Ceramic Material Layer: Grey Mortar	51418568		ND ND				
Cellulose (Trace)							
247 Layer: Red-Brown Ceramic Material Layer: Grey Mortar	51418569		ND ND				
Cellulose (Trace)							
248 Layer: Red-Brown Ceramic Material Layer: Grey Mortar	51418570		ND ND				
Cellulose (Trace)							
249 Layer: Grey Cementitious Material Cellulose (Trace)	51418571		ND				
<b>250</b> Layer: Grey Cementitious Material	51418572		ND				
Cellulose (Trace)  251  Layer: Grey Cementitious Material	51418573		ND				
Cellulose (Trace)  252  Layer: Black Asphalt	51418574		ND				
Cellulose (Trace)							
253 Layer: Black Asphalt	51418575		ND				
Cellulose (Trace)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
254	51418576						
Layer: Black Asphalt			ND				
Cellulose (Trace)							
255	51418577						
Layer: Black Asphalt			ND				
Cellulose (Trace)							
256	51418578		ND				
Layer: Black Asphalt			ND				
Cellulose (Trace)	£1.410.550						
Lavari Gray/Tan Boof Shingle	51418579		ND				
Layer: Grey/Tan Roof Shingle Layer: 3 Black Tars			ND ND				
Layer: 3 Black Felts			ND				
Layer: Black Semi-Fibrous Tar w/ Silv	er Paint		ND				
Cellulose (20 %) Fibrous Glass (30	)%)						
Comment: Bulk complex sample.							
258	51418580						
Layer: Black Tar and Stones			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Black Tar with Silver Paint			ND				
Cellulose (20 %) Fibrous Glass (30	)%)						
Comment: Bulk complex sample.							
259	51418581						
Layer: Grey/Tan Roof Shingles			ND				
Layer: 2 Black Tars Layer: 2 Black Felts			ND ND				
Layer: Black Semi-Fibrous Tar w/ Silv	er Paint		ND ND				
Cellulose (40 %) Fibrous Glass (15			T (D				
Comment: Bulk complex sample.	, ,0)						
260	51418582						
Layer: Silver Paint	51110502		ND				
Layer: Black Semi-Fibrous Tar			ND				
Layer: Black Semi-Fibrous Tar		Chrysotile	2 %				
Cellulose (2 %) Fibrous Glass (5 %	5)						
261	51418583						
Layer: Silver Paint			ND				
Layer: Black Semi-Fibrous Tar			ND				
Layer: Black Semi-Fibrous Tar		Chrysotile	2 %				
Cellulose (2 %) Fibrous Glass (5 %	))						

Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Silver Paint Layer: Black Semi- Layer: Black Semi-		51418584	Chrysotile	ND ND 2 %				
Cellulose (2 %)	Fibrous Glass (5	%)						
263 Layer: Black Semi- Layer: Black Semi-	Fibrous Tar	51418585	Chrysotile	ND 2 %				
Cellulose (7 %)  264  Layer: Black Semi- Layer: Black Semi-		51418586 Stones	Chrysotile	ND 2 %				
Cellulose (7 %)								
265 Layer: Silver Paint Layer: Black Semi- Layer: Black Semi-		51418587 Stones	Chrysotile	ND ND 2 %				
Cellulose (2 %)	Fibrous Glass (5	%)						
266 Layer: Silver Paint Layer: Black Semi-		51418588	Chrysotile	ND 2 %				
Cellulose (Trace)	Fibrous Glass (3							
267 Layer: Silver Paint Layer: Black Semi-	Fibrous Tar	51418589	Chrysotile	ND 2 %				
Cellulose (Trace)	Fibrous Glass (3	3 %)						
268 Layer: Silver Paint Layer: Black Semi-	Fibrous Tar	51418590	Chrysotile	ND 2 %				
Cellulose (Trace)	Fibrous Glass (3	3 %)						
269 Layer: Grey Semi-I Layer: Silver Paint		51418591	Chrysotile	15 % ND	Crocidolite	3 %		
Cellulose (Trace)								
270 Layer: Grey Semi-I Layer: Silver Paint		51418592	Chrysotile	15 % ND	Crocidolite	3 %		
Cellulose (Trace)								
271 Layer: Grey Semi-I Layer: Silver Paint		51418593	Chrysotile	15 % ND	Crocidolite	3 %		
Cellulose (Trace)								

Lab Number	Type	Layer	Type	Layer	Asbestos Type	Percent ir Layer
51418594		ND				
		ND ND				
51418595		ND ND				
		ND				
51418596		ND ND ND				
51418597		ND ND				
51418598		ND ND				
51418599		ND ND				
51418600		ND ND				
51418601		ND ND				
51418602		ND ND				
	51418595 51418596 51418597 51418599 51418600 51418601	51418595 51418596 51418597 51418599 51418600 51418601	51418595 ND S1418596 ND ND ND S1418599 ND ND S1418600 ND ND S1418600 ND ND S1418601 ND ND ND ND ND	51418595 ND ND ND ND ND ND S1418596 ND ND ND S1418597 ND ND S1418599 ND ND S1418600 ND S1418600 ND S1418601 ND ND S1418602 ND	\$1418595  \$1418595  \$ND \$ND \$ND \$ND \$ND \$ND \$ND \$ND \$ND \$N	ND N

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Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
281 Layer: Black Non-Fibrous Material Layer: Tan Mastic Layer: Paint	51418603		ND ND ND				
Layer: Brown Mastic			ND				
Cellulose (Trace)	<b>51410604</b>						
282 Layer: Black Non-Fibrous Material Layer: Tan Mastic Layer: Paint Layer: Brown Mastic	51418604		ND ND ND ND				
Cellulose (Trace)							
283 Layer: Black Non-Fibrous Material Layer: Tan Mastic Layer: Paint Layer: Brown Mastic	51418605		ND ND ND ND				
Cellulose (Trace)							
284 Layer: Tan Fibrous Material with Foil Cellulose (70 %)	51418606		ND				
285 Layer: Tan Fibrous Material with Foil Cellulose (70 %)	51418607		ND				
286 Layer: Tan Fibrous Material with Foil	51418608		ND				
Cellulose (70 %)							
287 Layer: Grey Cementitious Material Layer: White Cementitious Material Layer: Paint	51418609	Chrysotile	ND Trace ND				
Cellulose (Trace)							
288 Layer: Grey Cementitious Material Layer: White Cementitious Material Layer: Paint	51418610	Chrysotile	ND Trace ND				
Cellulose (Trace)							
289 Layer: Grey Cementitious Material Layer: White Cementitious Material	51418611	Chrysotile	ND Trace				
Layer: Paint			ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
290	51418612		-				
Layer: Black Asphalt			ND				
Cellulose (Trace)							
291	51418613						
Layer: Black Asphalt			ND				
Cellulose (Trace)							
292	51418614						
Layer: Black Asphalt			ND				
Cellulose (Trace)							
293	51418615						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Cellulose (Trace)							
	51418616						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Cellulose (Trace)							
	51418617						
Layer: Grey Cementitious Material			ND ND				
Layer: Paint			ND				
Cellulose (Trace)							
	51418618		NID				
Layer: Paint Layer: Brown Mastic		Anthophyllite	ND Trace				
Layer: Paint		Anthophymic	ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Paint		1 2	ND				
Cellulose (Trace)							
297	51418619						
Layer: Off-White Non-Fibrous Mat'l with	n Paint		ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Paint			ND				
Cellulose (Trace)							
	51418620						
Layer: Paint			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Paint Layer: Brown Mastic		Anthophyllite	ND Trace				
Layer: Paint		Anmophymie	ND				
Cellulose (Trace)			2 ( <b>2</b> )				
	51418621						
Layer: Black Non-Fibrous Material	21710021		ND				

**Report Number:** B314371 **Date Printed:** 

03/02/21

Chent I tame: Bambhage Env. Consulta	into, me.				Dute I Imieu	. 03/02/	
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
300	51418622						
Layer: Black Non-Fibrous Material			ND				
Cellulose (Trace)							
301	51418623						
Layer: Black Non-Fibrous Material			ND				
Cellulose (Trace)							
302	51418624						
Layer: White Drywall	31110021		ND				
Cellulose (15 %)							
303	51418625						
Layer: White Drywall	31418023		ND				
Cellulose (20 %)			112				
	51.410.6 <b>2</b> 6						
304 Layer: White Drywall	51418626		ND				
			ND				
Cellulose (20 %)							
305	51418627						
Layer: Black Ceramic Tile			ND ND				
Layer: White Ceramic Tile			ND ND				
Layer: Blue Ceramic Tile Layer: Grey Grout			ND ND				
Cellulose (Trace)			11D				
Comment: Bulk complex sample.							
	<b>71410530</b>						
306	51418628		ND				
Layer: Black Ceramic Tile Layer: White Ceramic Tile			ND ND				
Layer: With Ceramic The  Layer: Blue Ceramic Tile			ND ND				
Layer: Grey Grout			ND ND				
Cellulose (Trace)			112				
Comment: Bulk complex sample.							
	<b>71410630</b>						
307	51418629		ND				
Layer: Black Ceramic Tile Layer: White Ceramic Tile			ND ND				
Layer: White Ceramic The  Layer: Beige Mastic			ND ND				
Layer: Beige Masuc  Layer: Blue Ceramic Tile			ND ND				
Layer: Grey Grout			ND ND				
Layer: Grey Mortar			ND ND				
Layer: Black Felt			ND				
Cellulose (Trace)			· · · · · · · · · · · · · · · · · · ·				
Comment: Bulk complex sample.							
308	51418630						
Layer: Blue Green Ceramic Tile	J1+10030		ND				
Layer: White Mortar			ND ND				
Cellulose (Trace)			112				
Centilose (11acc)							

	Asbestos	Percent in	Asbestos	D	A ala a a 4 a a	
Lab Number	Type	Layer	Type	Percent in Layer	Asbestos Type	Percent in Layer
51418631		ND ND				
51418632		ND ND				
51418633 ial		ND ND				
		ND ND ND ND				
51418635 ial		ND ND ND				
51418636		ND ND				
51418637		ND				
51418638		ND				
51418639		ND				
51418640		ND				
51418641						
	51418632  51418633  fial  51418634  di  fial  51418635  fial  51418636  51418637	51418632  51418633  fial  51418634  di  51418635  fial  51418636  51418637	51418632 ND ND S1418633 ND S1418634 ND ND S1418635 ND ND S1418636 ND ND S1418637 ND S1418639 ND S1418640	\$1418632  ND ND ND  \$51418633  Paragraph of the state of	\$1418632  ND ND  \$1418633  ND S1418634  Il ND S1418634  Il ND ND  \$1418635  ND ND  \$51418636  ND ND  \$51418636  ND ND  \$51418637  ND  \$51418638  ND  \$51418639  ND  \$51418640	ND ND  51418632  ND ND  51418633  ND ND  51418634  Il ND ND  ital ND ND  51418635  ital ND ND  51418636  ND ND  51418637  ND  51418639  ND  51418639  ND

Cheft Tume: Bumoriage Env. Consultant	-,						
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
320 Layer: Light Red Cementitious Material Layer: Grey Cementitious Material	51418642	Chrysotile	Trace ND				
Cellulose (Trace) Comment: This comment applies to the	Light Red Cer	nentitious Mat	terial only: Inc	ıfficient mate	erial for addition	nal analyses	
321	51418643	nentitious with	criai omy. ms	arricient mate	orar for addition	mar anaryses.	
Layer: Red Cementitious Material Layer: Grey Cementitious Material		Chrysotile	Trace ND				
Cellulose (Trace)							
Auger: Green Cementitious Material Layer: Grey Cementitious Material	51418644	Chrysotile	Trace ND				
Cellulose (Trace) Comment: This comment only applies t	o the Green Ce	ementitious Ma	aterial only: In	sufficient ma	terial for additi	onal analyses.	
323 Layer: Light Grey Cementitious Materia Cellulose (Trace)	51418645 l		ND				
324 Layer: Light Grey Cementitious Materia	51418646 l		ND				
Cellulose (Trace)							
325 Layer: Light Grey Cementitious Materia Cellulose (Trace)	51418647 ll		ND				
326 Layer: Dark Red Cementitious Material Layer: Paint	51418648		ND ND				
Cellulose (Trace)							
327 Layer: Dark Red Cementitious Material Layer: Paint	51418649		ND ND				
Cellulose (Trace)							
328 Layer: Grey Cementitious Material Layer: Paint	51418650		ND ND				
Cellulose (Trace)							
Layer: White Plaster Layer: Grey Cementitious Material	51418651		ND ND				
Cellulose (Trace)	51/19/50						
Layer: White Plaster Layer: Grey Cementitious Material	51418652		ND ND				
Cellulose (Trace)							

Chefit Tuine: Bullioriage Env. Consultar	,					. 35/32/2	
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
331 Layer: White Plaster Layer: Grey Cementitious Material	51418653		ND ND				
Cellulose (Trace)							
Layer: White Cementitious Material Layer: Grey Cementitious Material Layer: Fibrous Backing Layer: Grey Fibrous Material	51418654		ND ND ND ND				
Cellulose (10 %) Fibrous Glass (15 Comment: Bulk complex sample.	5 %)						
Layer: White Cementitious Material Layer: Grey Cementitious Material Layer: Fibrous Backing Layer: Grey Fibrous Material	51418655		ND ND ND ND				
Cellulose (2 %) Fibrous Glass (15 Comment: Bulk complex sample.	%)						
Layer: White Cementitious Material Layer: Grey Cementitious Material Layer: Fibrous Backing Layer: Grey Fibrous Material	51418656		ND ND ND ND				
Cellulose (10 %) Fibrous Glass (15 Comment: Bulk complex sample.	5 %)						
335 Layer: Off-White Woven Material with			ND				
Cellulose (Trace) Fibrous Glass (8							
336 Layer: Off-White Woven Material with	51418658 n Debris		ND				
Cellulose (Trace) Fibrous Glass (8	5 %)						
337 Layer: Off-White Woven Material with	51418659 n Debris		ND				
Cellulose (Trace) Fibrous Glass (8	5 %)						
Layer: Light Grey Plaster Layer: White Plaster Layer: Paint	51418660		ND ND ND				
Cellulose (Trace)							
Layer: Light Grey Plaster Layer: White Plaster Layer: Paint	51418661		ND ND ND				
Cellulose (Trace)							

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Client Name: Bainbridge Env. Consultants, Inc.
Date Printed: 03/02/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
340	51418662						
Layer: Light Grey Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Cellulose (Trace)							



Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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

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#### Forensic Analytical LABORATORIES

Client Name & Address:	Client Name & Address: Client No.: Bainbridge Environmental Consultants, Inc.				PO / Job#: Date: 2/26/2021							
Bainbridge Environmental C 1322 Bell Avenue, Suite 1N		its, inc.		Turn Around Tim	e: Same	Day / IDay	/2 <b>)</b>	/3Day /4	Day /5Day			
Tustin, California 92780				PCM: NIC					otometer			
				R PLM: Stand			<u> </u>	conscioned .	ARB 435			
Contact: Gage Thompson	Phone:	714-247	-0024	☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402 ☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield								
E-mail: gthompson@bainbridg	ge-env.co	m		☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight % ☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)								
Site Name: See Comments Be				☐ IAQ Particle Identi				PLM Opac	•			
Site Location: 1111 E. Artesia E		ifornia 90	0221	Metals Analys		ix:	Me	ethod:				
Comments: Project Name: CCCD	/ Compton	College / I	Phase 1 Demolitic	on Survey		·	Silico		/Gravimetry			
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Sample ID	mple Location / De	scription	Туре	Time On/Off	Avg LPM	Total Time	Area / Air Volume					
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Sampled By: Gage Thompson Do	ate/Time: 2/	/26/2021	Shipped Via:	Fed Ex 🗖 UPS	□ us M	ail 🗖 Couri	er 🗖 Dr	op Off 🗖 C	L Other:			
Relinquished By: Sebastian Moreno Relinquished By:						Relinquished	Ву:	<u>.</u>				
Date / Time: 2/26/2021 @ Date / Time:						Date / Time:						
Received By: Cl. MI	25	Receiv	ved By:	<del>"</del>		Received By:						
Date / Time: 2-26-21 2:	Date / Time: 2-26-21 2:55pm D.O Date / Time:					Date / Time:		? ITIYes	□ No			

Client: Compton Community College District Bainbridge Project #: 21028200.10

Gage Thompson /

Project Name: Compton College (Phase 2 Demolition Project) Inspector/Sampler: Sebastian Moreno

Compton, California 90221

Date Sampled: March 11, 2021

Address: 1111 East Artesia Blvd



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
1	Building W Exterior	Window Putty	Blue	Good	Non-Friable	Window Putty Throughout Building W	600 Sq. Ft.	Trace (<1%) Chrysotile
2	Building W Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Indicated Above	None Detected
3	Building W Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Indicated Above	Trace (<1%) Chrysotile
4	Building W Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	Stucco with Vapor Barrier Throughout Building W	Not Applicable	None Detected
5	Building W Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
6	Building W Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
7	Building W Exterior	Concrete Footing	Gray	Good	Non-Friable	Concrete Footing/Walkway Throughout Building W and Exterior Walkway	Not Applicable	None Detected
8	Building W Exterior	Concrete Walkway	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
9	Building W Exterior	Concrete Pad	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
10	Building W Athletic Training Room	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	Interior Concrete Floor Throughout Building W	Not Applicable	None Detected
11	Building W Hallway (East Side)	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
12	Building W Hallway (West Side)	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
13	Building W Exterior (North Side)	Asphalt	Black	Good	Non-Friable	Asphalt adjacent Building W Exterior	Not Applicable	None Detected
14	Building W Exterior (South Side)	Asphalt	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
15	Building W Exterior (West Side)	Asphalt	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
16	Building W Athletic Training Room Floor (East Side)	Terrazzo	Multi	Good	Non-Friable	Terrazzo Throughout Building W	Not Applicable	None Detected
17	Building W Restroom Wall (North Side)	Terrazzo	Multi	Good	Non-Friable	See Above	Not Applicable	None Detected
18	Building W Coach's Office Restroom Floor	Terrazzo	Multi	Good	Non-Friable	See Above	Not Applicable	None Detected
19	Building W Hallway	Interior Plaster Ceiling	White	Good	Non-Friable	Interior Plaster Walls and Ceilings Throughout Building W	Not Applicable	None Detected
20	Building W Hallway Wall (North Side)	Interior Plaster Wall	Red	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
21	Building W Coach's Office (Room 22) (Southeast Side)	Interior Plaster Wall	White	Good	Non-Friable	See Above	Not Applicable	None Detected
22	Building W Restroom Floor	Ceramic Floor Tile with Grout	Blue	Good	Non-Friable	Ceramic Floor Tile with Grout Throughout Shower Floors in Building W	Not Applicable	None Detected
23	Building W Restroom Floor	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	See Above	Not Applicable	None Detected
24	Building W Locker Room Floor	Ceramic Floor Tile with Grout	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
25	Building W Hallway Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	12"x 12" Straight Pinhole Ceiling Tile Throughout Building W	Not Applicable	None Detected
26	Building W Coach's Office Ceiling (Room 21)	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
27	Building W Equipment Room Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
28	Building W Hallway Ceiling	12"x 12" Fissured Ceiling Tile	White	Good	Friable	12"x 12" Random Pinhole Ceiling Tile Throughout Building W	Not Applicable	None Detected
29	Building W Coach's Office Ceiling	12"x 12" Fissured Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
30	Building W Equipment Room Ceiling	12"x 12" Fissured Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
31	Building W Hallway Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	12"x 12" Ceiling Tile Throughout Building W	Not Applicable	None Detected
32	Building W Coach's Office Ceiling (Room 21)	12"x 12" Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
33	Building W Equipment Room Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
34	Building W Hallway Ceiling	Hockey Puck Mastic Associated with Ceiling Tiles	Brown	Good	Non-Friable	Hockey Puck Mastic Associated with Ceiling Tiles Throughout Building W	Not Applicable	None Detected
35	Building W Coach's Office Ceiling (Room 21)	Hockey Puck Mastic Associated with Ceiling Tiles	Brown	Good	Non-Friable	See Above	Not Applicable	None Detected
36	Building W Equipment Room Ceiling	Hockey Puck Mastic Associated with Ceiling Tiles	Brown	Good	Non-Friable	See Above	Not Applicable	None Detected
37	Building W Coach's Office Floor (Room 18)	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	18"x 18" Floor Tile with Mastic Throughout Building W	1,800 Sq. Ft.	3% Chrysotile



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description		Condition	Non-Friable	Location	Quantity	Results
38	Building W Coach's Office Floor (Room 19)	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	Indicated Above	None Detected
39	Building W Office Floor (Room 25)	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	Indicated Above	3% Chrysotile
40	Building W Coach's Office Floor (Room 18)	4" Base Cove with Adhesive	Black	Good	Non-Friable	4" Base Cove with Adhesive Throughout Building W	Not Applicable	None Detected
41	Building W Coach's Office Corridor	4" Base Cove with Adhesive	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
42	Building W Coach's Locker Room Wall	4" Base Cove with Adhesive	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
43	Building W Athletic Training Room Countertop	Formica Countertop	Green	Good	Non-Friable	Formica Countertop Throughout Building W	Not Applicable	None Detected
44	Building W Athletic Training Room Countertop	Formica Countertop	Green	Good	Non-Friable	See Above	Not Applicable	None Detected
45	Building W Athletic Training Room Countertop	Formica Countertop	Green	Good	Non-Friable	See Above	Not Applicable	None Detected
46	Building W Coach's Office Main Entry Countertop	Formica Countertop	Black	Good	Non-Friable	Formica Countertop Throughout Building W	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
47	Building W Coach's Office Main Entry Countertop	Formica Countertop	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
48	Building W Coach's Office Main Entry Countertop	Formica Countertop	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
49	Building W Restroom Ceiling Cavity HVAC Duct	Fiberglass Insulation	Yellow	Good	Friable	Fiberglass Insulation Throughout Building W Ceiling Cavities	Not Applicable	None Detected
50	Building W Restroom Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	See Above	Not Applicable	None Detected
51	Building W Restroom Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	See Above	Not Applicable	None Detected
52	Building W Mechanical Room	Fire Rated Plaster Wall	Gray	Good	Non-Friable	Fire Rated Plaster Wall and Ceiling Throughout Building W	Not Applicable	None Detected
53	Building W Mechanical Room	Fire Rated Plaster Wall	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
54	Building W Mechanical Room	Fire Rated Plaster Ceiling	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
55	Building W Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	Brick with Mortar Joint Throughout Building W Exterior	Not Applicable	None Detected
56	Building W Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
57	Building W Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
58	Building W Athletic Training Room Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	2'x 2' Ceiling Tile Throughout Building W	Not Applicable	None Detected
59	Building W Coach's Office Main Entry Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
60	Building W Coaching Director's Office	2'x 2' Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
61	Building W Athletic Training Room Ceiling	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	2'x 2' Straight Pinhole Ceiling Tile Throughout Building W	Not Applicable	None Detected
62	Building W Coach's Office Main Entry Ceiling	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
63	Building W Coaching Director's Office	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Not Applicable	None Detected
64	Building W Coach's Office Main Entry Counter Partition Wall	Drywall with Joint Compound	White	Good	Non-Friable	Drywall with Joint Compound Throughout Building W	Not Applicable	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
65	Building W Coach's Office Main Entry Counter Partition Wall	Drywall with Joint Compound	White	Good	Non-Friable	See Above	Not Applicable	None Detected
66	Building W Coach's Office Main Entry Counter Partition Wall	Drywall with Joint Compound	White	Good	Non-Friable	See Above	Not Applicable	None Detected
67	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Good	Non-Friable	Built-up Roofing Material Throughout Rooftop of Building W	15,500 Sq. Ft.	2% Chrysotile
68	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	Indicated Above	2% Chrysotile
69	Building W Rooftop (Southeast Side)	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	Indicated Above	2% Chrysotile
70	Building W Rooftop (Northwest Side)	Rolled Roofing Material	Gray	Good	Non-Friable	Rolled Roofing Material Throughout Rooftop of Building W	Not Applicable	None Detected
71	Building W Rooftop (Southwest Side)	Rolled Roofing Material	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
72	Building W Rooftop (Northeast Side)	Rolled Roofing Material	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
73	Building W Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	Curb Mastic Throughout Building W Rooftop	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
74	Building W Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
75	Building W Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
76	Building W Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	Pipe Mastic Throughout Building W Rooftop	Not Applicable	None Detected
77	Building W Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
78	Building W Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
79	Building W Rooftop	Parapet Wall	Gray	Good	Non-Friable	Parapet Wall Throughout Building W Rooftop	Not Applicable	None Detected
80	Building W Rooftop	Parapet Wall	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
81	Building W Rooftop	Parapet Wall	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
82	Building W Rooftop	Rubber Roofing Material	White	Good	Non-Friable	Rubber Roofing Material Throughout Building W Rooftop	Not Applicable	None Detected
83	Building W Rooftop	Rubber Roofing Material	White	Good	Non-Friable	See Above	Not Applicable	None Detected
84	Building W Rooftop	Rubber Roofing Material	White	Good	Non-Friable	See Above	Not Applicable	None Detected
85	Building W Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	HVAC Ducting Mastic Throughout Building W Rooftop	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
86	Building W Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
87	Building W Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
88	Building W Rooftop	Transite Pipe	Tan	Good	Non-Friable	Transite Pipe Throughout Building W Rooftop	40 Lin. Ft.	15%Chrysotile 3% Crocidolite
89	Building W Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Indicated Above	15%Chrysotile 3% Crocidolite
90	Building W Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Indicated Above	15%Chrysotile 3% Crocidolite
91	Building W Mechanical Room	HVAC Insulation with Adhesive	Yellow/ Tan	Good	Friable	HVAC Insulation with Adhesive Throughout Mechanical Room in Building W	Not Applicable	None Detected
92	Building W Mechanical Room	HVAC Insulation with Adhesive	Yellow/ Tan	Good	Friable	See Above	Not Applicable	None Detected
93	Building W Mechanical Room	HVAC Insulation with Adhesive	Yellow/ Tan	Good	Friable	See Above	Not Applicable	None Detected
94	Building W Mechanical Room	Vibration Damper	White	Good	Non-Friable	Vibration Damper Throughout Building W	Not Applicable	None Detected
95	Building W Rooftop	Vibration Damper	White	Good	Non-Friable	See Above	Not Applicable	None Detected
96	Building W Rooftop	Vibration Damper	White	Good	Non-Friable	See Above	Not Applicable	None Detected
97	Building W Rooftop	Flashing Cap Mastic	White/ Black	Good	Non-Friable	Flashing Cap Mastic Throughout	50 Sq. Ft.	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx.	Laboratory Results
NO.	Location	Description		Condition	NOII-FIIADIE	Building W Rooftop	Quantity	Results
98	Building W Rooftop	Flashing Cap Mastic	White/ Black	Good	Non-Friable	See Above	Indicated Above	5% Chrysotile
99	Building W Rooftop	Flashing Cap Mastic	White/ Black	Good	Non-Friable	See Above	Indicated Above	None Detected
100	Building W Rooftop (Roof Eyelids)	Silver Painted Roofing Material	Silver/ Gray	Good	Non-Friable	Silver Painted Roofing Material Throughout Building W Rooftop	250 Sq. Ft.	2% Chrysotile
101	Building W Rooftop (Roof Eyelids)	Silver Painted Roofing Material	Silver/ Gray	Good	Non-Friable	See Above	Indicated Above	2% Chrysotile
102	Building W Rooftop (Roof Eyelids)	Silver Painted Roofing Material	Silver/ Gray	Good	Non-Friable	See Above	Indicated Above	2% Chrysotile
103	Building X Upper Rooftop (North Side)	Rubber Roofing Material with Tectum Board Ceiling and Adhesive (Interior)	White	Good	Non-Friable	Rubber Roofing Material Throughout Building X Rooftop	Not Applicable	None Detected
104	Building X Upper Rooftop (South Side)	Rubber Roofing Material with Tectum Board Ceiling and Adhesive (Interior)	White	Good	Non-Friable	See Above	Not Applicable	None Detected
105	Building X Lower Rooftop (East Side)	Rubber Roofing Material	White	Good	Non-Friable	See Above	Not Applicable	None Detected
106	Building X Gymnasium (Ceiling)	Tectum Board Ceiling and Adhesive	White	Good	Friable	Tectum Board Ceiling and Adhesive Throughout Building X Rooftop	Not Applicable	None Detected
107	Building X Rooftop (Upper Rooftop)	Penetration Mastic	White/ Black	Good	Non-Friable	Penetration Mastic Throughout	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
						Building X Rooftop		
108	Building X Rooftop (Upper Rooftop)	Penetration Mastic	White/ Black	Good	Non-Friable	See Above	Not Applicable	None Detected
109	Building X Rooftop (Lower Rooftop)	Penetration Mastic	White/ Black	Good	Non-Friable	See Above	Not Applicable	None Detected
110	Building X Rooftop (Upper Rooftop)	Flashing Cap Mastic	White	Good	Non-Friable	Flashing Cap Mastic Throughout Building X Rooftop	Not Applicable	None Detected
111	Building X Rooftop (Upper Rooftop)	Flashing Cap Mastic	White	Good	Non-Friable	See Above	Not Applicable	None Detected
112	Building X Rooftop (Lower Rooftop)	Flashing Cap Mastic	White	Good	Non-Friable	See Above	Not Applicable	None Detected
113	Building X Exterior (West Side)	Exterior Concrete Wall	Gray	Good	Non-Friable	Exterior Concrete Wall Throughout Building X	Not Applicable	None Detected
114	Building X Exterior (North Side)	Exterior Concrete Wall	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
115	Building X Exterior (South Side)	Exterior Concrete Wall	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
116	Building X Exterior (East Side)	Concrete Column	Blue	Good	Non-Friable	Concrete Column Throughout Building X Exterior	Not Applicable	None Detected
117	Building X Exterior (North Side)	Concrete Column	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
118	Building X Exterior (West Side)	Concrete Column	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
119	Building X Exterior (East Side)	Concrete Walkway	Gray	Good	Non-Friable	Concrete Walkway Throughout	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
						Building X Exterior		
120	Building X Exterior (North Side)	Concrete Walkway	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
121	Building X Exterior (West Side)	Concrete Walkway	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
122	Building X Exterior (North Side)	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	Brick with Mortar Joint Throughout Building X Exterior	Not Applicable	None Detected
123	Building X Exterior (North Side)	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
124	Building X Exterior (South Side)	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
125	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Good	Non-Friable	Vibration Damper Throughout Building X	40 Sq. Ft.	40% Chrysotile
126	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Good	Non-Friable	See Above	Indicated Above	40% Chrysotile
127	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Good	Non-Friable	See Above	Indicated Above	40% Chrysotile
128	Building X Upstairs Dance Studio	Formica Countertop	Brown	Good	Non-Friable	Formica Countertop Throughout Building X	Not Applicable	None Detected
129	Building X Upstairs Dance Studio	Formica Countertop	Brown	Good	Non-Friable	See Above	Not Applicable	None Detected
130	Building X Upstairs Dance Studio	Formica Countertop	Brown	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
131	Building X Upstairs Dance Studio	Floating Concrete Floor	Gray	Good	Non-Friable	Floating Concrete Flooring Throughout Building X	Not Applicable	None Detected
132	Building X Upstairs Dance Studio	Floating Concrete Floor	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
133	Building X Upstairs Dance Studio	Floating Concrete Floor	Gray	Good	Non-Friable	See Above	Not Applicable	None Detected
134	Building X Main Foyer Ceiling	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Good	Friable	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic Throughout Building X	5,500 Sq. Ft.	Trace (<1%) Anthophyllite
135	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	Blue	Good	Friable	See Above	Indicated Above	Trace (<1%) Anthophyllite
136	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Good	Friable	See Above	Indicated Above	Trace (<1%) Anthophyllite
137	Main Lobby (Northwest)	4" Base Cove with Mastic	Black	Good	Non-Friable	4" Base Cove with Mastic Throughout Building X	Not Applicable	None Detected
138	Main Lobby (West)	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
139	Coach's Office adjacent Main Lobby	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
140	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	4" Base Cove with Mastic Throughout Building X	20 Sq. Ft.	Trace (<1%) Anthophyllite



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
141	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	See Above	Indicated Above	Trace (<1%) Anthophyllite
142	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	See Above	Indicated Above	None Detected
143	Building X Gym Wall	6" Base Cove with Mastic	Black	Good	Non-Friable	6" Base Cove with Mastic Throughout Building X	Not Applicable	None Detected
144	Building X Gym Wall	6" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
145	Building X Gym Wall	6" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
146	Building X Gym Floor	Rubber Floor Mat Material	Black	Good	Non-Friable	Rubber Floor Mat Material Throughout Building X Gym	Not Applicable	None Detected
147	Building X Gym Floor	Rubber Floor Mat Material	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
148	Building X Gym Floor	Rubber Floor Mat Material	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
149	Building X Storage Room Floor adjacent Men's Restroom	12"x 12" Floor Tile with Mastic	Black	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building X	Not Applicable	None Detected
150	Building X Storage Room Floor adjacent Men's Restroom	12"x 12" Floor Tile with Mastic	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
151	Building X Storage Room Floor adjacent	12"x 12" Floor Tile with Mastic	Black	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
	Men's Restroom							
152	Coach's Office Floor adjacent Electrical Room	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile	Beige	Good	Non-Friable	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile Throughout Building X Coach's Office	Not Applicable	None Detected
153	Coach's Office Floor adjacent Electrical Room	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile	Beige	Good	Non-Friable	See Above	Not Applicable	None Detected
154	Coach's Office Floor adjacent Electrical Room	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile	Beige	Good	Non-Friable	See Above	Not Applicable	None Detected
155	Building X Exterior	Window Putty	Blue	Good	Non-Friable	Window Putty Throughout Building X	Not Applicable	None Detected
156	Building X Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
157	Building X Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
158	Building X Main Lobby Men's Restroom Floor	Terrazzo	Multi	Good	Non-Friable	Terrazzo Throughout Building X	Not Applicable	None Detected
159	Building X Main Lobby Women's Restroom Floor	Terrazzo	Multi	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
160	Building X Men's Restroom Floor adjacent Gym	Terrazzo	Multi	Good	Non-Friable	See Above	Not Applicable	None Detected
161	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown /White	Good	Non-Friable	Drywall with Joint Compound (Ceiling Lid) Throughout Building X Upstairs Dance Room Office	100 Sq. Ft.	1% Chrysotile
162	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown /White	Good	Non-Friable	See Above	Indicated Above	2% Chrysotile
163	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown /White	Good	Non-Friable	See Above	Indicated Above	2% Chrysotile
164	Building X Upstairs Dance Room Office Interior Wall	Plaster	White	Good	Non-Friable	Plaster Throughout Building X Upstairs Dance Room Office	Not Applicable	None Detected
165	Building X Upstairs Dance Room Office Exterior Wall	Plaster	White	Good	Non-Friable	See Above	Not Applicable	None Detected
166	Building X Upstairs Dance Room Office Exterior Wall	Plaster	White	Good	Non-Friable	See Above	Not Applicable	None Detected
167	Coach's Office Floor adjacent Main Lobby	Carpet with Carpet Adhesive	Blue	Good	Non-Friable	Carpet with Carpet Adhesive Throughout Building X Coach's Office	Not Applicable	None Detected



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
168	Coach's Office Floor adjacent Main Lobby	Carpet with Carpet Adhesive	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
169	Coach's Office Floor adjacent Main Lobby	Carpet with Carpet Adhesive	Blue	Good	Non-Friable	See Above	Not Applicable	None Detected
170	Building X Main Lobby (East Wall)	Plaster	White	Good	Non-Friable	Plaster Throughout Building X	Not Applicable	None Detected
171	Building X Main Lobby (South Wall)	Plaster	White	Good	Non-Friable	See Above	Not Applicable	None Detected
172	Building X Custodian Closet Ceiling	Plaster	White	Good	Non-Friable	See Above	Not Applicable	None Detected
173	Coach's Office Floor adjacent Electrical Room	12"x 12" Vinyl Floor Tile with Mastic	Brown	Good	Non-Friable	12"x 12" Vinyl Floor Tile with Mastic Throughout Building X Coach's Office	Not Applicable	None Detected
174	Coach's Office Floor adjacent Electrical Room	12"x 12" Vinyl Floor Tile with Mastic	Brown	Good	Non-Friable	See Above	Not Applicable	None Detected
175	Coach's Office Floor adjacent Electrical Room	12"x 12" Vinyl Floor Tile with Mastic	Brown	Good	Non-Friable	See Above	Not Applicable	None Detected



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
<b>No.</b> 176	Location  Coach's Office Floor adjacent Weight Room	Description  12"x 12" Floor Tile  with Mastic	Beige	<b>Condition</b> Good	Non-Friable  Non-Friable	Location  12"x 12" Floor Tile with Mastic Throughout Building X Coach's Office adjacent Weight Room	Quantity  Not Applicable	None Detected
177	Coach's Office Floor adjacent Weight Room	12"x 12" Floor Tile with Mastic	Beige	Good	Non-Friable	See Above	Not Applicable	None Detected
178	Coach's Office Floor adjacent Weight Room	12"x 12" Floor Tile with Mastic	Beige	Good	Non-Friable	See Above	Not Applicable	None Detected
179	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building X	200 Sq. Ft.	3% Chrysotile
180	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Good	Non-Friable	See Above	Indicated Above	3% Chrysotile
181	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Good	Non-Friable	See Above	Indicated Above	3% Chrysotile
182	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Good	Friable	Thermal System Insulation Throughout Building X	75 Sq. Ft.	7% Chrysotile



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No. 183	Location Coach's Office Storage Room adjacent Weight Room	Description  Thermal System  Insulation	White	Condition Good	Non-Friable Friable	Location See Above	Quantity Indicated Above	Results 7% Chrysotile
184	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation	White	Good	Friable	See Above	Indicated Above	7% Chrysotile
185	Building X Main Lobby Men's Restroom Floor	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	Ceramic Floor Tile with Grout Throughout Building X	Not Applicable	None Detected
186	Building X Main Lobby Women's Restroom Floor	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	See Above	Not Applicable	None Detected
187	Building X Men's Restroom Floor adjacent Gym	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	See Above	Not Applicable	None Detected
188	Building X Coach's Office Wall adjacent Weight Room	Plaster	White	Good	Non-Friable	Plaster Throughout Building X	Not Applicable	None Detected
189	Building X Men's Restroom Ceiling adjacent Weight Room	Plaster	White	Good	Non-Friable	See Above	Not Applicable	None Detected
190	Building X Women's Restroom Wall adjacent	Plaster	White	Good	Non-Friable	See Above	Not Applicable	None Detected



Compton Community College District – Compton College (Phase 2 Demolition Project) – 1111 East Artesia Blvd., Compton, CA 90221

Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
	Weight Room							
191	Building X Gymnasium Floor	Mastic (Beneath Hardwood Flooring)	Black	Good	Non-Friable	Mastic (Beneath Hardwood Flooring) Throughout Building X Gymnasium	Not Applicable	None Detected
192	Building X Gymnasium Floor	Mastic (Beneath Hardwood Flooring)	Black	Good	Non-Friable	See Above	Not Applicable	None Detected
193	Building X Gymnasium Floor	Mastic (Beneath Hardwood Flooring)	Black	Good	Non-Friable	See Above	Not Applicable	None Detected

-End of Report-

### **Survey Field Notes:**

- 1. Inaccessible Areas Please See Below
  - a. Building W (Men's Locker Room Building)
    - i. Laundry Room/Equipment Room
  - b. Building X (Gymnasium)
    - i. Upstairs Dance Room Storage Room and Storage Room adjacent Dance Room
- 2. Presumed Asbestos-Containing Materials (PACM) Please See Below
  - a. Building W (Men's Locker Room Building)
    - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling. Approximate Quantity: **250 Square Feet**
    - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 600 Square Feet
    - iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **300 Square Feet**
  - b. Building X (Gymnasium)



- i. Mirror Mastic Requires Destructive Sampling. Approximate Quantity: 1,000 Square Feet
- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: **600 Square Feet**
- iii. Gymnasium Wall Padding Mastic None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **500 Square Feet**
- iv. Vinyl Wall Board and Mastic Main Lobby Men's Restroom Approximate Quantity: 150 Square Feet
- c. Underground Utilities
  - i. Transite Pipe Approximate Quantity: 400 Square Feet
  - ii. Coal Tar Wrapped Piping Approximate Quantity: 400 Square Feet



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: 101459-1

Bainbridge Env. Consultants, Inc. Gage Thompson 1322 Bell Ave., Suite #1N Tustin, CA 92780					Client ID: Report Number Date Received: Date Analyzed: Date Printed: First Reported:	03/16/2 03/19/2 03/19/2	1 1 1
Job ID/Site: CCCD/ Compton College/California 90221  Date(s) Collected: 03/16/2021	Phase 2 Demoli	ition Survey;	1111 E. Artesia	Blvd.,	SGSFL Job ID: Total Samples S Total Samples A	Submitted:	193 193
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1 Layer: Beige Putty Layer: Paint	51423740	Chrysotile	Trace ND				
Cellulose (Trace)  2 Layer: White Putty Layer: Paint	51423741		ND ND				
Cellulose (Trace)  3 Layer: Beige Putty Layer: Paint	51423742	Chrysotile	Trace ND				
Cellulose (Trace)  4  Layer: Grey Cementitious Material Layer: Paint/Coating	51423743		ND ND				
Cellulose (Trace)  5 Layer: Grey Cementitious Material Layer: Paint/Coating	51423744		ND ND				
Cellulose (Trace)  6  Layer: Grey Cementitious Material Layer: Paint/Coating	51423745		ND ND				
Cellulose (Trace)  7 Layer: Grey Cementitious Material Cellulose (Trace)	51423746		ND				
8 Layer: Grey Cementitious Material Cellulose (Trace)	51423747		ND				
9 Layer: Grey Cementitious Material Cellulose (Trace)	51423748		ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
10 Layer: Grey Cementitious Material Layer: Paint	51423749		ND ND				
Cellulose (Trace)							
11 Layer: Grey Cementitious Material Layer: Paint	51423750		ND ND				
Cellulose (Trace)							
Layer: Grey Cementitious Material	51423751		ND				
Cellulose (Trace)  13  Layer: Black Asphalt  Cellulose (Trace)	51423752		ND				
14 Layer: Black Asphalt	51423753		ND				
Cellulose (Trace)							
Layer: Black Asphalt	51423754		ND				
Cellulose (Trace)							
Layer: Spotted Off-White Flooring Cellulose (Trace)	51423755		ND				
17 Layer: Spotted Green Flooring Cellulose (Trace)	51423756		ND				
18 Layer: Spotted White Flooring Cellulose (Trace)	51423757		ND				
Layer: Beige Plaster Layer: White Plaster Layer: Paint	51423758		ND ND ND				
Cellulose (Trace)							
20 Layer: Beige Plaster Layer: White Plaster Layer: Paint	51423759		ND ND ND				
Cellulose (Trace)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Beige Plaster Layer: White Plaster Layer: Paint	51423760		ND ND ND				
Cellulose (Trace)							
22 Layer: Blue Ceramic Tile Layer: Off-White Grout	51423761		ND ND				
Cellulose (Trace)							
23 Layer: Green Ceramic Tile Layer: Off-White Grout	51423762		ND ND				
Cellulose (Trace)							
24 Layer: Blue Ceramic Tile Layer: Off-White Grout	51423763		ND ND				
Cellulose (Trace)	<b>51.1005.1</b>						
25 Layer: Tan Fibrous Material Layer: Paint	51423764		ND ND				
Cellulose (95 %)							
Layer: Tan Fibrous Material Layer: Paint	51423765		ND ND				
Cellulose (95 %)	£1402766						
27 Layer: Tan Fibrous Material Layer: Paint	51423766		ND ND				
Cellulose (95 %)							
28 Layer: Beige Fibrous Material Layer: Paint	51423767		ND ND				
Cellulose (45 %) Fibrous Glass (35	5%)						
29 Layer: Beige Fibrous Material Layer: Paint	51423768		ND ND				
Cellulose (45 %) Fibrous Glass (35	5%)						
30 Layer: Beige Fibrous Material Layer: Paint	51423769		ND ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
31 Layer: Tan Fibrous Material Layer: Paint	51423770		ND ND				
Cellulose (95 %)							
Layer: Tan Fibrous Material Layer: Paint	51423771		ND ND				
Cellulose (95 %)  33  Layer: Tan Fibrous Material  Layer: Paint	51423772		ND ND				
Cellulose (95 %)							
34 Layer: Brown Mastic Layer: Tan Fibrous Material	51423773		ND ND				
Cellulose (20 %)							
Layer: Brown Mastic Layer: Tan Fibrous Material Cellulose (20 %)	51423774		ND ND				
36 Layer: Brown Mastic Layer: Tan Fibrous Material Cellulose (20 %)	51423775		ND ND				
Layer: Grey Tile Layer: Off-White Mastic Layer: Grey Non-Fibrous Material Layer: Yellow Tile Layer: Black Mastic Cellulose (Trace) Comment: Bulk complex sample.	51423776	Chrysotile	ND ND ND 3 % ND				
38 Layer: Grey Tile Layer: Off-White Mastic Layer: Grey Non-Fibrous Material Layer: Black Mastic Cellulose (Trace)	51423777		ND ND ND ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Grey Tile Layer: Off-White Mastic Layer: Grey Non-Fibrous Material Layer: Yellow Tile Layer: Black Mastic	51423778	Chrysotile	ND ND ND 3 % ND				
Cellulose (Trace) Comment: Bulk complex sample.							
40 Layer: Black Non-Fibrous Material Layer: Beige Mastic Layer: Paint Layer: Brown Mastic Layer: Black Mastic	51423779		ND ND ND ND ND				
Cellulose (Trace)							
Layer: Black Non-Fibrous Material Layer: Beige Mastic Layer: Brown Mastic Layer: Black Mastic	51423780		ND ND ND ND				
Cellulose (Trace)							
Layer: Black Non-Fibrous Material Layer: Beige Mastic Layer: Brown Mastic Layer: Black Mastic	51423781		ND ND ND ND				
Cellulose (Trace)							
43 Layer: Green Non-Fibrous Material Layer: Black Mastic with Debris	51423782		ND ND				
Cellulose (Trace)							
Layer: Green Non-Fibrous Material Layer: Black Mastic with Debris	51423783		ND ND				
Cellulose (Trace)							
45 Layer: Green Non-Fibrous Material Layer: Black Mastic with Debris	51423784		ND ND				
Cellulose (Trace)							
46 Layer: Black Non-Fibrous Material Layer: Yellow Adhesive Layer: Wood	51423785		ND ND ND				
Cellulose (Trace)							

**Report Number:** B315261 **Date Printed:** 03/19/21

Client Name: Bainbridge Env. Consultants, Inc.

Client Name: Bainbrid	ige Env. Consultani	is, inc.				Date Printed:	03/19/2	21
Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
47 Layer: Black Non-Fi Layer: Yellow Adhe Layer: Wood		51423786		ND ND ND				
Cellulose (10 %)								
48 Layer: Black Non-Fi Layer: Yellow Adhe Layer: Wood		51423787		ND ND ND				
Cellulose (2 %)								
49 Layer: Brown Fibrou Layer: Black Non-Fi		51423788		ND ND				
Cellulose (Trace)	Fibrous Glass (95	%)						
50 Layer: Brown Fibrou	ıs Material	51423789		ND				
Cellulose (Trace)	Fibrous Glass (95	%)						
51 Layer: Brown Fibrou	ıs Material	51423790		ND				
Cellulose (Trace)	Fibrous Glass (95	%)						
52 Layer: Beige Plaster Layer: White Plaster Layer: Paint		51423791		ND ND ND				
Cellulose (Trace)								
53 Layer: Beige Plaster Layer: White Plaster Layer: Paint		51423792		ND ND ND				
Cellulose (Trace)								
54 Layer: Beige Plaster Layer: White Plaster Layer: Paint		51423793		ND ND ND				
Cellulose (Trace)								
55 Layer: Dark Orange Layer: Grey Mortar	Non-Fibrous Mater	51423794 ial		ND ND				
Cellulose (Trace)								
56 Layer: Dark Orange Layer: Grey Mortar	Non-Fibrous Mater	51423795 ial		ND ND				
Cellulose (Trace)								

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
57	51423796						
Layer: Dark Orange Non-Fibrous Materi	al		ND				
Layer: Grey Mortar			ND				
Cellulose (Trace)							
58	51423797						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (95 %)							
59	51423798						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (95 %)							
60	51423799						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (95 %)							
61	51423800						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (95 %)							
62	51423801						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (95 %)							
63	51423802						
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Cellulose (95 %)							
64	51423803						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Cellulose (2 %)							
65	51423804						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Cellulose (2 %)							
66	51423805						
Layer: White Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Cellulose (2 %)							

**Report Number:** B315261 **Date Printed:** 03/19/21

Client Name: Bainbridge Env. Consultants, Inc.

Asbestos Percent in Asbestos Percent in Asbestos Percent in Sample ID Lab Number Type Layer Type Layer Type Layer **67** 51423806 Layer: Stones ND Layer: Black Felts ND Chrysotile Layer: Black Tars 2 % Layer: Silver Paint ND Cellulose (60 %) 51423807 68 Layer: Tan Fibrous Material ND Layer: Black Felts ND Layer: Black Tar Chrysotile 2 % Layer: Black Tars ND Layer: Silver Paint ND Cellulose (60 %) 69 51423808 ND Layer: Stones Layer: Tan Fibrous Material ND Layer: Black Felts ND Layer: Black Tar Chrysotile 2 % Layer: Black Tars ND Cellulose (60 %) 70 51423809 ND Layer: Grey Roof Shingle Layer: Multi-Layer Black Tars ND Layer: Multi-Layer Black Felts ND Cellulose (Trace) Fibrous Glass (15 %) 71 51423810 Layer: Grey Roof Shingle ND Layer: Multi-Layer Black Tars ND Layer: Multi-Layer Black Felts ND Layer: Wood ND Cellulose (15 %) Fibrous Glass (15 %) 72 51423811 Layer: Grey Roof Shingle ND Layer: Multi-Layer Black Tars ND Layer: Multi-Layer Black Felts ND Cellulose (Trace) Fibrous Glass (15 %) **73** 51423812 ND Layer: Black Semi-Fibrous Tar Layer: Stones ND ND Layer: Black Felt Cellulose (3 %) Fibrous Glass (Trace)

**Report Number:** B315261 **Date Printed:** 03/19/21

Client Name: Bainbridge Env. Consultants, Inc.

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
74 Layer: Black Semi-Fibrous Tar Layer: Stones Layer: Black Felt Layer: Black Tar	51423813		ND ND ND ND				
Cellulose (3 %) Fibrous Glass (2	,						
75 Layer: Black Semi-Fibrous Tar Layer: Stones Layer: Black Felt	51423814		ND ND ND				
Cellulose (3 %) Fibrous Glass (Tr							
<b>76</b> Layer: Black Semi-Fibrous Tar Layer: Silver Paint	51423815		ND ND				
Cellulose (5 %)							
77 Layer: Black Semi-Fibrous Tar Layer: Silver Paint	51423816		ND ND				
Cellulose (5 %)							
78 Layer: Black Semi-Fibrous Tar Layer: Paint Layer: Silver Paint Cellulose (5 %)	51423817		ND ND ND				
79	51423818						
Layer: Grey Roof Shingle Layer: Black Tar Layer: Black Felt			ND ND ND				
Cellulose (Trace) Fibrous Glass (	•						
80 Layer: Grey Roof Shingle Layer: Black Tar Layer: Black Felt Layer: Black Tar	51423819		ND ND ND ND				
Cellulose (Trace) Fibrous Glass (	10 %)						
81 Layer: Grey Roof Shingle Layer: 4 Black Tars Layer: 3 Black Felts	51423820		ND ND ND				
Cellulose (5 %) Fibrous Glass (7	%)						

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
82 Layer: Brown Non-Fibrous Material Layer: White/Black Semi-Fibrous Mat Layer: Paint Layer: Off-White Non-Fibrous Materia Layer: Paint			ND ND ND ND ND				
Cellulose (Trace) Synthetic (2 %)							
Layer: Brown Non-Fibrous Material Layer: White/Black Semi-Fibrous Mat Layer: Paint Layer: Off-White Non-Fibrous Materia Layer: Paint			ND ND ND ND ND				
Cellulose (Trace) Synthetic (2 %)							
84 Layer: Brown Non-Fibrous Material Layer: White/Black Semi-Fibrous Mat Layer: Paint Layer: Off-White Non-Fibrous Materia Layer: Paint			ND ND ND ND ND				
Cellulose (Trace) Synthetic (2 %)							
85 Layer: White Non-Fibrous Material	51423824		ND				
Cellulose (Trace) Synthetic (Trace	e)						
<b>86</b> Layer: White Non-Fibrous Material	51423825		ND				
Cellulose (Trace) Synthetic (Trace	e)						
87 Layer: White Non-Fibrous Material	51423826		ND				
Cellulose (Trace) Synthetic (Trace							
Layer: Grey Semi-Fibrous Material Layer: Paint Layer: Black Tar Layer: Silver Paint Layer: Paint	51423827	Chrysotile	15 % ND ND ND ND	Crocidolite	3 %		
Cellulose (Trace)							
89 Layer: Grey Semi-Fibrous Material Layer: Paint Layer: Black Tar	51423828	Chrysotile	15 % ND ND	Crocidolite	3 %		

Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
90		51423829						
Layer: Grey Semi-F	ibrous Material		Chrysotile	15 %	Crocidolite	3 %		
Cellulose (Trace)								
91 Layer: Tan Fibrous Layer: Light Brown		51423830		ND ND				
Cellulose (Trace)	Fibrous Glass (75	%)						
92 Layer: Tan Fibrous Layer: Light Brown		51423831		ND ND				
Cellulose (Trace)	Fibrous Glass (75	%)						
93 Layer: Tan Fibrous Layer: Light Brown		51423832		ND ND				
Cellulose (Trace)	Fibrous Glass (75	%)						
94 Layer: White Fibrou Layer: Silver Paint v Cellulose (Trace)		51423833		ND ND				
95 Layer: White Fibrou Layer: Silver Paint v		51423834		ND ND				
Cellulose (Trace)	Fibrous Glass (85	%)						
96 Layer: White Fibrou Layer: Silver Paint v		51423835		ND ND				
Cellulose (Trace)	Fibrous Glass (85	%)						
Paint Layer: Paint Layer: Silver Paint Layer: Black Semi-H Layer: Paint	Fibrous Tars	51423836		ND ND ND ND				
Cellulose (7 %)								
98 Layer: Paint Layer: Silver Paint Layer: Black Semi-I Layer: Black Semi-I Layer: Paint		51423837	Chrysotile	ND ND 5 % ND ND				
Cellulose (5 %)								

**Report Number:** B315261 **Date Printed:** 03/19/21

Client Name: Bainbridge Env. Consultants, Inc.

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Paint Layer: Silver Paint Layer: Black Semi-Fibrous Tars Layer: Paint	51423838		ND ND ND ND				
Cellulose (7 %)							
Layer: Silver Paint Layer: Black Tar with Stones Layer: Black Semi-Fibrous Tar Layer: Black Felt	51423839	Chrysotile	ND ND 2 % ND				
Cellulose (40 %) Fibrous Glass (5 %	5)						
Layer: Silver Paint Layer: Black Tar with Stones Layer: Black Semi-Fibrous Tar Layer: Black Felt	51423840	Chrysotile	ND ND 2 % ND				
Cellulose (40 %) Fibrous Glass (5 %	5)						
Layer: Silver Paint Layer: Black Tar with Stones Layer: Black Semi-Fibrous Tar Layer: Black Felt	51423841	Chrysotile	ND ND 2 % ND				
Cellulose (40 %) Fibrous Glass (5 %	5)						
Layer: Paint Layer: White/Black Semi-Fibrous Mater Layer: Tan Adhesive Layer: White Semi-Fibrous Material Layer: Grey Roof Shingle Layer: 3 Black Tars Layer: 3 Black Felts Layer: Tan Fibrous Material	51423842 rial		ND ND ND ND ND ND ND ND ND				
Cellulose (15 %) Fibrous Glass (20 Comment: Bulk complex sample.	%) Synthe	tic (7 %)					
Layer: Paint Layer: White/Black Semi-Fibrous Mater Layer: Tan Adhesive Layer: White Semi-Fibrous Material Layer: 2 Grey Roof Shingles Layer: 3 Black Tars Layer: 3 Black Felts Layer: Tan Fibrous Material	51423843 rial		ND ND ND ND ND ND ND ND ND				
Cellulose (10 %) Fibrous Glass (25 Comment: Bulk complex sample.	%) Synthe	tic (7 %)					

**Report Number:** B315261 **Date Printed:** 03/19/21

Client Name: Bainbridge Env. Consultants, Inc.

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: Paint Layer: White/Black Semi-Fibrous Mate Layer: Tan Adhesive Layer: White Semi-Fibrous Material Layer: Grey Roof Shingle Layer: Multi-Layer Black Tars Layer: Multi-Layer Black Felts Layer: Beige Fibrous Material Cellulose (20 %) Fibrous Glass (20	51423844 rial	tic (7 %)	ND ND ND ND ND ND ND	JF-	<b></b>	7.5	
Comment: Bulk complex sample.  106 Layer: Black Semi-Fibrous Tar Layer: Tan Fibrous Material Cellulose (45 %)	51423845		ND ND				
Layer: White/Black Semi-Fibrous Material Layer: Tan Adhesive Layer: White Semi-Fibrous Material Layer: Grey Roof Shingle Layer: 2 Black Tars Layer: 2 Black Felts Layer: Tan Fibrous Material Cellulose (10 %) Fibrous Glass (25 Comment: Bulk complex sample.		tic (7 %)	ND ND ND ND ND ND				
Layer: Grey Roof Shingle Layer: Black Tar Layer: Black Felt Layer: Tan Fibrous Material Cellulose (15 %) Fibrous Glass (30	51423847		ND ND ND ND				
Layer: White/Black Semi-Fibrous Material Layer: Tan Adhesive Layer: White Semi-Fibrous Material Layer: Grey Roof Shingle Layer: Black Tar Layer: Black Felt Layer: Tan Fibrous Material Cellulose (15 %) Fibrous Glass (25	51423848 rial	tic (7 %)	ND ND ND ND ND ND				

Chefit Maine. Damonage Env. Consultant	s, IIIC.				Date I I IIIteu	• 03/17/	<b>-</b> 1
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
Layer: White Non-Fibrous Material Layer: Paint Layer: Black Semi-Fibrous Tar w/ Silver	51423849 Paint		ND ND ND				
Cellulose (Trace)			1,2				
111 Layer: White Non-Fibrous Material Layer: Paint Layer: Silver Paint	51423850		ND ND ND				
Cellulose (Trace)							
Layer: White Non-Fibrous Material Layer: Paint Layer: Black Semi-Fibrous Tar w/ Silver	51423851 Paint		ND ND ND				
Cellulose (Trace)							
Layer: Grey Cementitious Material Layer: Paint	51423852		ND ND				
Cellulose (Trace)							
114 Layer: Grey Cementitious Material Layer: Paint/Coating	51423853		ND ND				
Cellulose (Trace)							
115 Layer: Grey Cementitious Material	51423854		ND				
Cellulose (Trace)							
116 Layer: Grey Cementitious Material Layer: Paint	51423855		ND ND				
Cellulose (Trace)							
117 Layer: Grey Cementitious Material Layer: Paint	51423856		ND ND				
Cellulose (Trace)							
118 Layer: Grey Cementitious Material Layer: Paint	51423857		ND ND				
Cellulose (Trace)							
Layer: Beige Cementitious Material	51423858		ND				
Cellulose (Trace)	£4.4006.50						
Layer: Beige Cementitious Material	51423859		ND				
Cellulose (Trace)							

Client Name: Bainbridge Env. Consultar	nts, Inc.				Date Printed:	03/19/2	21
Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent ir Layer
121	51423860						
Layer: Beige Cementitious Material			ND				
Cellulose (Trace)							
122	51423861						
Layer: Red-Brown Ceramic Material			ND				
Layer: Beige Grout			ND				
Cellulose (Trace)							
Layer: Red-Brown Ceramic Material Layer: Beige Grout	51423862		ND ND				
Cellulose (Trace)							
124	51423863						
Layer: Red-Brown Ceramic Material Layer: Beige Grout			ND ND				
Cellulose (Trace)							
125	51423864						
Layer: Off-White Woven Material Layer: Paint		Chrysotile	40 % ND				
Cellulose (25 %) Fibrous Glass (5	%)						
126	51423865						
Layer: Off-White Woven Material Layer: Paint		Chrysotile	40 % ND				
Cellulose (25 %) Fibrous Glass (5	%)						
127 Layer: Off-White Woven Material Layer: Paint	51423866	Chrysotile	40 % ND				
Cellulose (25 %) Fibrous Glass (5	%)		ND				
128	51423867						
Layer: Tan Panel with Adhesive	31423807		ND				
Cellulose (65 %)			1,2				
129	51423868						
Layer: Tan Panel with Adhesive	31423000		ND				
Cellulose (65 %)							
130	51423869						
Layer: Tan Panel with Adhesive			ND				
Cellulose (65 %)							
131	51423870						
Layer: Grey Cementitious Material Cellulose (Trace)			ND				
132	51423871						
Layer: Grey Cementitious Material			ND				
Cellulose (Trace)							

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
133	51423872						
Layer: Grey Cementitious Material			ND				
Cellulose (Trace)							
Layer: Tan Fibrous Material Layer: Brown Mastic Layer: Tan Fibrous Material Layer: Paint	51423873	Anthophyllite	ND Trace ND ND				
Cellulose (75 %)							
Layer: Tan Fibrous Material Layer: Brown Mastic Layer: Tan Fibrous Material Layer: Paint	51423874	Anthophyllite	ND Trace ND ND				
Cellulose (50 %)							
Layer: Tan Fibrous Material Layer: Brown Mastic Layer: Tan Fibrous Material Layer: Paint	51423875	Anthophyllite	ND Trace ND ND				
Cellulose (50 %)							
Layer: Black Non-Fibrous Material Layer: Tan Mastic Layer: Paint with Debris	51423876		ND ND ND				
Cellulose (Trace)							
Layer: Black Non-Fibrous Material Layer: Tan Mastic Layer: Paint with Debris Layer: White Plaster	51423877		ND ND ND ND				
Cellulose (Trace)							
Layer: Black Non-Fibrous Material Layer: Tan Mastic Layer: Paint with Debris Layer: White Plaster	51423878		ND ND ND ND				
Cellulose (Trace)							
Layer: Brown Non-Fibrous Material Layer: Tan Mastic Layer: Brown Mastic Layer: Paint	51423879	Anthophyllite	ND ND Trace ND				
Cellulose (Trace) Comment: This comment applies to the	ne Brown Masti	c only: Insuffici	ent material f	or additional	analyses.		

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent ir Layer
Layer: Brown Non-Fibrous Material Layer: Tan Mastic Layer: Brown Mastic	51423880	Anthophyllite	ND ND Trace				
Layer: Paint Cellulose (Trace) Comment: This comment applies to the	Brown Mastic	e only: Insuffici	ND ent material fo	or additional :	analvses.		
142 Layer: Brown Non-Fibrous Material Layer: Tan Mastic Layer: Paint Cellulose (Trace)	51423881		ND ND ND				
143 Layer: Black Non-Fibrous Material Layer: Clear Mastic Layer: Off-White Non-Fibrous Material	51423882		ND ND ND				
Cellulose (Trace)							
144 Layer: Black Non-Fibrous Material Layer: Clear Mastic	51423883		ND ND				
Cellulose (Trace)							
145 Layer: Black Non-Fibrous Material Layer: Clear Mastic	51423884		ND ND				
Cellulose (Trace)							
146 Layer: Black Non-Fibrous Material	51423885		ND				
Cellulose (Trace)							
147 Layer: Black Non-Fibrous Material	51423886		ND				
Cellulose (Trace)							
148 Layer: Black Non-Fibrous Material	51423887		ND				
Cellulose (Trace)							
149 Layer: Grey Tile Layer: Tan Mastic with Debris	51423888		ND ND				
Cellulose (Trace)							
150 Layer: Grey Tile Layer: Tan Mastic with Debris	51423889		ND ND				

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
151 Layer: Dark Grey Tile Layer: Tan Mastic with Debris	51423890		ND ND		•		•
Cellulose (Trace)							
152 Layer: Off-White Tile Layer: Tan Mastic with Debris	51423891		ND ND				
Cellulose (Trace)							
Layer: Off-White Tile Layer: Tan Mastic with Debris Cellulose (Trace)	51423892		ND ND				
154 Layer: Off-White Tile Layer: Tan Mastic with Debris	51423893		ND ND				
Cellulose (Trace)							
Layer: Grey Putty Layer: Off-White Putty Layer: Paint	51423894		ND ND ND				
Cellulose (Trace)							
156 Layer: Grey Putty Layer: Off-White Putty Layer: Paint	51423895		ND ND ND				
Cellulose (Trace)							
157 Layer: Grey Putty Layer: Off-White Putty Layer: Paint	51423896		ND ND ND				
Cellulose (Trace)							
158 Layer: White/Green Flooring Cellulose (Trace)	51423897		ND				
159	51423898						
Layer: White/Green Flooring Cellulose (Trace)	31423070		ND				
160 Layer: White/Green Flooring	51423899		ND				
Cellulose (Trace)							
161 Layer: White Drywall Layer: Off-White Skimcoat/Joint Co Cellulose (30 %) Fibrous Glass		Chrysotile	ND 2 %				

**Report Number:** B315261 **Date Printed:** 03/19/21

Client Name: Bainbridge Env. Consultants, Inc.

Chent Manie: Bamona	ge zhv. consultant	, 1110.					05/17/2	
Sample ID		Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
162		51423901						
Layer: White Drywal	1			ND				
Layer: Drywall Tape				ND				
Layer: Off-White Ski	imcoat/Joint Comp	ounds	Chrysotile	2 %				
Cellulose (35 %)	Fibrous Glass (Tra	ace)						
163		51423902						
Layer: White Drywal	1			ND				
Layer: Off-White Ski	imcoat/Joint Comp	ound	Chrysotile	2 %				
Cellulose (40 %)	Fibrous Glass (Tra	ace)						
164		51423903						
Layer: Beige Plaster				ND				
Layer: White Plaster				ND				
Layer: Paint				ND				
Cellulose (Trace)								
165		51423904						
Layer: Beige Plaster				ND				
Layer: White Plaster				ND				
Layer: Paint				ND				
Cellulose (Trace)								
166		51423905						
Layer: Beige Plaster				ND				
Layer: White Plaster				ND				
Layer: Paint				ND				
Cellulose (Trace)								
167		51423906						
Layer: Brown Carpet				ND				
Cellulose (Trace)	Synthetic (90 %)							
168		51423907						
Layer: Brown Carpet				ND				
Cellulose (Trace)	Synthetic (90 %)							
169		51423908						
Layer: Brown Carpet				ND				
Cellulose (Trace)	Synthetic (90 %)							
170	,	51423909						
Layer: Beige Plaster		21.23,07		ND				
Layer: White Plaster				ND				
Layer: Paint				ND				
Cellulose (Trace)								
171		51423910						
Layer: Beige Plaster		22.20710		ND				
Layer: White Plaster				ND				
Layer: Paint				ND				
Cellulose (Trace)								
201101000 (11400)								

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
172 Layer: Beige Plaster Layer: White Plaster Layer: Paint	51423911	V	ND ND ND		·	V	·
Cellulose (Trace)							
Layer: Brown Tile Layer: Clear Mastic Layer: White Tile Layer: Tan Mastic Layer: Grey Cementitious Material	51423912		ND ND ND ND ND				
Cellulose (Trace)							
Layer: Brown Tile Layer: Clear Mastic Layer: White Tile Layer: Tan Mastic	51423913		ND ND ND ND				
Cellulose (Trace)							
Layer: Brown Tile Layer: Clear Mastic Layer: White Tile Layer: Tan Mastic	51423914		ND ND ND ND				
Cellulose (Trace)							
Layer: Off-White Tile Layer: Yellow Mastic Cellulose (Trace)	51423915		ND ND				
177 Layer: Off-White Tile Layer: Yellow Mastic	51423916		ND ND				
Cellulose (Trace)							
178 Layer: Off-White Tile Layer: Yellow Mastic	51423917		ND ND				
Cellulose (Trace)							
Layer: Green Tile Layer: Black Mastic Cellulose (Trace)	51423918	Chrysotile Chrysotile	3 % 3 %				
180 Layer: Green Tile	51423919	Chrysotile	3 %				

Report Number: **Date Printed:** 03/19/21

B315261

Client Name: Bainbridge Env. Consultants, Inc.

Asbestos Percent in Percent in Asbestos Asbestos Percent in Sample ID Lab Number Type Layer Type Layer Type Layer 181 51423920 3 % Layer: Green Tile Chrysotile Layer: Black Mastic Chrysotile 3 % Cellulose (Trace) 182 51423921 7 % Chrysotile Layer: Beige Semi-Fibrous Material Cellulose (Trace) Fibrous Glass (15 %) 183 51423922 Layer: Beige Semi-Fibrous Material Chrysotile 7 % Cellulose (Trace) Fibrous Glass (15 %) 184 51423923 Layer: Beige Semi-Fibrous Material Chrysotile 7 % Layer: Off-White Woven Material ND Layer: Paint ND Cellulose (15 %) Fibrous Glass (15 %) 185 51423924 Layer: Green Ceramic Tile ND ND Layer: Grey Grout Cellulose (Trace) 186 51423925 Layer: Green Ceramic Tile ND Layer: Grey Grout ND Layer: Beige Mortar ND Cellulose (Trace) 187 51423926 Layer: Green Ceramic Tile ND Layer: Grey Grout ND Layer: Beige Mortar ND Cellulose (Trace) 188 51423927 Layer: Beige Plaster ND Layer: White Plaster ND Layer: Paint ND Cellulose (Trace) 189 51423928 ND Layer: Beige Plaster Layer: White Plaster ND Layer: Paint ND Cellulose (Trace) 190 51423929 Layer: Beige Plaster ND Layer: White Plaster ND Layer: Paint ND Cellulose (Trace)

Report Number: B315261
Client Name: Bainbridge Env. Consultants, Inc.
Date Printed: 03/19/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
191 Layer: Black Semi-Fibrous Tar	51423930		ND				
Cellulose (7 %)							
192 Layer: Black Semi-Fibrous Tar	51423931		ND				
Cellulose (7 %)							
193 Layer: Black Semi-Fibrous Tar	51423932		ND				
Cellulose (7 %)							



Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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

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### Forensic Analytical LABORATORIES

Client Name & Address:	C	Client No.:	PO / Job#:			Date	<sup>9:</sup> 3/16/20:	21	
Bainbridge Environmental ( 1322 Bell Avenue, Suite 1N		nts, Inc.	Turn Around Time	: Same	Day / IDay				
Tustin, California 92780	•		PCM: NIOS	J		<u>.;  </u>	. )	otometer	
			🗷 PLM: 🔯 Stand	ard /	Point Count	400 - 10	000 / 🗖 C	ARB 435	
Contact: Gage Thompson	Phone:	714-247-0024	4-247-0024   TEM Air: TAHERA					eld	
E-mail: gthompson@bainbridg	om	☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight ☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756					%		
Site Name: See Comments Below			☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot ☐ Particle Identification (TEM LAB) ☐ Special Project						
Site Location: 1111 E. Artesia Blvd., California 90221			□ Metals Analysi	s Mati			ethod:	•	
Comments: Project Name: CCCD	/ Compton	College / Phase 2 Demolition	on Survey		7.4	Silico		//Gravimetry	
	Date /				FOR AIR SA			Sample	
Sample ID	Time	Sample Location / De	scription	Type	Time On/Off	Avg LPM	Total Time	Area / Air Volume	
	SE	EE ATTACHED		A P C			2		
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Sampled By: Gage Thompson Do	ate/Time: 3/	16/2021 Shipped Via: 🖼 F	ed Ex 🗖 UPS E	I US M		er 🗖 Dro	op Off Ti	ther:	
Relinquished By: Gage Thomps	on	Relinquished By:			Relinquished	Ву:			
Date / Time: 3/16/2021 @ 141	Date / Time:			Date / Time:					
Received By: Clar Mil		Received By:			Received By:				
Date / Time: 3-16-21 25 Condition Acceptable? TYes	30pm Dl No	Date / Time: Condition Acceptable?	∑Yes <b>□</b> No		Date / Time: Condition Ac	ceptable?	<b>□</b> Yes	<b>□</b> No	

Client: Compton Community College District

Compton, California 90221

Bainbridge Project #:

Gage Thompson /

Project Name: Compton College (Phase 2 Demolition Project

Inspector/Sampler: Sebastian Moreno

Address: 1111 East Artesia Blvd

Date Sampled: March 11, 2021



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIDI	Condition	Non-Friable	Location	Quantity	Results
1	Building W Exterior	Window Putty	Blue	Good	Non-Friable	Window Putty Throughout Building W	600 Sq. Ft.	
2	Building W Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Indicated Above	
3	Building W Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Indicated Above	
4	Building W Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	Stucco with Vapor Barrier Throughout Building W		
5	Building W Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	See Above	Indicated Above	
6	Building W Exterior	Stucco with Vapor Barrier	Blue	Good	Non-Friable	See Above	Indicated Above	
7	Building W Exterior	Concrete Footing	Gray	Good	Non-Friable	Concrete Footing/Walkway Throughout Building W and Exterior Walkway		
8	Building W Exterior	Concrete Walkway	Gray	Good	Non-Friable	See Above	Indicated Above	
9	Building W Exterior	Concrete Pad	Gray	Good	Non-Friable	See Above	Indicated Above	



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
10	Building W Athletic Training Room	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	Interior Concrete Floor Throughout Building W		
11	Building W Hallway (East Side)	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	Indicated Above	
12	Building W Hallway (West Side)	Interior Concrete Floor	Gray/ Blue	Good	Non-Friable	See Above	Indicated Above	
13	Building W Exterior (North Side)	Asphalt	Black	Good	Non-Friable	Asphalt adjacent Building W Exterior		
14	Building W Exterior (South Side)	Asphalt	Black	Good	Non-Friable	See Above	Indicated Above	
15	Building W Exterior (West Side)	Asphalt	Black	Good	Non-Friable	See Above	Indicated Above	
16	Building W Athletic Training Room Floor (East Side)	Terrazzo	Multi	Good	Non-Friable	Terrazzo Throughout Building W		
17	Building W Restroom Wall (North Side)	Terrazzo	Multi	Good	Non-Friable	See Above	Indicated Above	
18	Building W Coach's Office Restroom Floor	Terrazzo	Multi	Good	Non-Friable	See Above	Indicated Above	
19	Building W Hallway	Interior Plaster Ceiling	White	Good	Non-Friable	Interior Plaster Walls and Ceilings Throughout Building W		
20	Building W Hallway Wall (North Side)	Interior Plaster Wall	Red	Good	Non-Friable	See Above	Indicated Above	,,,,,,



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable	Material	Approx.	Laboratory
21	Building W Coach's Office (Room 22) (Southeast Side)	Interior Plaster Wall	White	Good	Non-Friable  Non-Friable	Location See Above	Quantity Indicated Above	Results
22	Building W Restroom Floor	Ceramic Floor Tile with Grout	Blue	Good	Non-Friable	Ceramic Floor Tile with Grout Throughout Shower Floors in Building W		
23	Building W Restroom Floor	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	See Above	Indicated Above	
24	Building W Locker Room Floor	Ceramic Floor Tile with Grout	Blue	Good	Non-Friable	See Above	Indicated Above	
25	Building W Hallway Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	12"x 12" Straight Pinhole Ceiling Tile Throughout Building W		
26	Building W Coach's Office Ceiling (Room 21)	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
27	Building W Equipment Room Ceiling	12"x 12" Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
28	Building W Hallway Ceiling	12"x 12" Fissured Ceiling Tile	White	Good	Friable	12"x 12" Random Pinhole Ceiling Tile Throughout Building W		
29	Building W Coach's Office Ceiling	12"x 12" Fissured Ceiling Tile	White	Good	Friable	See Above	Indicated Above	



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
30	Building W Equipment Room Ceiling	12"x 12" Fissured Ceiling Tile	White	Good	Friable	See Above	Indicated Above	Kesates
31	Building W Hallway Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	12"x 12" Ceiling Tile Throughout Building W		
32	Building W Coach's Office Ceiling (Room 21)	12"x 12" Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
33	Building W Equipment Room Ceiling	12"x 12" Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
34	Building W Hallway Ceiling	Hockey Puck Mastic Associated with Ceiling Tiles	Brown	Good	Non-Friable	Hockey Puck Mastic Associated with Ceiling Tiles Throughout Building W		
35	Building W Coach's Office Ceiling (Room 21)	Hockey Puck Mastic Associated with Ceiling Tiles	Brown	Good	Non-Friable	See Above	Indicated Above	
36	Building W Equipment Room Ceiling	Hockey Puck Mastic Associated with Ceiling Tiles	Brown	Good	Non-Friable	See Above	Indicated Above	
37	Building W Coach's Office Floor (Room 18)	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	18"x 18" Floor Tile with Mastic Throughout Building W		



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
38	Building W Coach's Office Floor (Room 19)	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	Indicated Above	
39	Building W Office Floor (Room 25)	18"x 18" Floor Tile with Mastic	Gray	Good	Non-Friable	See Above	Indicated Above	
40	Building W Coach's Office Floor (Room 18)	4" Base Cove with Adhesive	Black	Good	Non-Friable	4" Base Cove with Adhesive Throughout Building W		_
41	Building W Coach's Office Corridor	4" Base Cove with Adhesive	Black	Good	Non-Friable	See Above	Indicated Above	
42	Building W Coach's Locker Room Wall	4" Base Cove with Adhesive	Black	Good	Non-Friable	See Above	Indicated Above	
43	Building W Athletic Training Room Countertop	Formica Countertop	Green	Good	Non-Friable	Formica Countertop Throughout Building W		
44	Building W Athletic Training Room Countertop	Formica Countertop	Green	Good	Non-Friable	See Above	Indicated Above	
45	Building W Athletic Training Room Countertop	Formica Countertop	Green	Good	Non-Friable	See Above	Indicated Above	
46	Building W Coach's Office Main Entry Countertop	Formica Countertop	Black	Good	Non-Friable	Formica Countertop Throughout Building W		



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
47	Building W Coach's Office Main Entry Countertop	Formica Countertop	Black	Good	Non-Friable	See Above	Indicated Above	
48	Building W Coach's Office Main Entry Countertop	Formica Countertop	Black	Good	Non-Friable	See Above	Indicated Above	
49	Building W Restroom Ceiling Cavity HVAC Duct	Fiberglass Insulation	Yellow	Good	Friable	Fiberglass Insulation Throughout Building W Ceiling Cavities		
50	Building W Restroom Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	See Above	Indicated Above	
51	Building W Restroom Ceiling Cavity	Fiberglass Insulation	White	Good	Friable	See Above	Indicated Above	
52	Building W Mechanical Room	Fire Rated Plaster Wall	Gray	Good	Non-Friable	Fire Rated Plaster Wall and Ceiling Throughout Building W		
53	Building W Mechanical Room	Fire Rated Plaster Wall	Gray	Good	Non-Friable	See Above	Indicated Above	
54	Building W Mechanical Room	Fire Rated Plaster Ceiling	Gray	Good	Non-Friable	See Above	Indicated Above	



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
55	Building W Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	Brick with Mortar Joint Throughout Building W Exterior		
56	Building W Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Indicated Above	
57	Building W Exterior	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Indicated Above	
58	Building W Athletic Training Room Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	2'x 2' Ceiling Tile Throughout Building W		
59	Building W Coach's Office Main Entry Ceiling	2'x 2' Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
60	Building W Coaching Director's Office	2'x 2' Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
61	Building W Athletic Training Room Ceiling	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	2'x 2' Straight Pinhole Ceiling Tile Throughout Building W		
62	Building W Coach's Office Main Entry Ceiling	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
63	Building W Coaching Director's Office	2'x 2' Straight Pinhole Ceiling Tile	White	Good	Friable	See Above	Indicated Above	
64	Building W Coach's Office Main Entry Counter Partition Wall	Drywall with Joint Compound	White	Good	Non-Friable	Drywall with Joint Compound Throughout Building W		



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
65	Building W Coach's Office Main Entry Counter Partition Wall	Drywall with Joint Compound	White	Good	Non-Friable	See Above	Indicated Above	
66	Building W Coach's Office Main Entry Counter Partition Wall	Drywall with Joint Compound	White	Good	Non-Friable	See Above	Indicated Above	
67	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Good	Non-Friable	Built-up Roofing Material Throughout Rooftop of Building W		
68	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	Indicated Above	
69	Building W Rooftop (Southeast Side)	Built-up Roofing Material	Gray	Good	Non-Friable	See Above	Indicated Above	
70	Building W Rooftop (Northwest Side)	Rolled Roofing Material	Gray	Good	Non-Friable	Rolled Roofing Material Throughout Rooftop of Building W		
71	Building W Rooftop (Southwest Side)	Rolled Roofing Material	Gray	Good	Non-Friable	See Above	Indicated Above	
72	Building W Rooftop (Northeast Side)	Rolled Roofing Material	Gray	Good	Non-Friable	See Above	Indicated Above	
73	Building W Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	Curb Mastic Throughout Building W Rooftop		
74	Building W Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	See Above	Indicated Above	



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
75	Building W Rooftop	Curb Mastic	Black/ Gray	Good	Non-Friable	See Above	Indicated Above	
76	Building W Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	Pipe Mastic Throughout Building W Rooftop		
77	Building W Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	See Above	Indicated Above	
78	Building W Rooftop	Pipe Mastic	Black/ Gray	Good	Non-Friable	See Above	Indicated Above	
79	Building W Rooftop	Parapet Wall	Gray	Good	Non-Friable	Parapet Wall Throughout Building W Rooftop		
80	Building W Rooftop	Parapet Wall	Gray	Good	Non-Friable	See Above	Indicated Above	
81	Building W Rooftop	Parapet Wall	Gray	Good	Non-Friable	See Above	Indicated Above	
82	Building W Rooftop	Rubber Roofing Material	White	Good	Non-Friable	Rubber Roofing Material Throughout Building W Rooftop		
83	Building W Rooftop	Rubber Roofing Material	White	Good	Non-Friable	See Above	Indicated Above	
84	Building W Rooftop	Rubber Roofing Material	White	Good	Non-Friable	See Above	Indicated Above	
85	Building W Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	HVAC Ducting Mastic Throughout Building W Rooftop		
86	Building W Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Indicated Above	



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
87	Building W Rooftop	HVAC Ducting Mastic	Gray	Good	Non-Friable	See Above	Indicated Above	
88	Building W Rooftop	Transite Pipe	Tan	Good	Non-Friable	Transite Pipe Throughout Building W Rooftop	40 Lin. Ft.	
89	Building W Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Indicated Above	
90	Building W Rooftop	Transite Pipe	Tan	Good	Non-Friable	See Above	Indicated Above	
91	Building W Mechanical Room	HVAC Insulation with Adhesive	Yellow/ Tan	Good	Friable	HVAC Insulation with Adhesive Throughout Mechanical Room in Building W		
92	Building W Mechanical Room	HVAC Insulation with Adhesive	Yellow/ Tan	Good	Friable	See Above	Indicated Above	
93	Building W Mechanical Room	HVACInsulation with Adhesive	Yellow/ Tan	Good	Friable	See Above	Indicated Above	
94	Building W Mechanical Room	Vibration Damper	White	Good	Non-Friable	Vibration Damper Throughout Building W		
95	Building W Rooftop	Vibration Damper	White	Good	Non-Friable	See Above	Indicated Above	-
96	Building W Rooftop	Vibration Damper	White	Good	Non-Friable	See Above	Indicated Above	
97	Building W Rooftop	Flashing Cap Mastic	White/ Black	Good	Non-Friable	Flashing Cap Mastic Throughout Building W Rooftop		7-11



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
98	Building W Rooftop	Flashing Cap Mastic	White/ Black	Good	Non-Friable	See Above	Indicated Above	
99	Building W Rooftop	Flashing Cap Mastic	White/ Black	Good	Non-Friable	See Above	Indicated Above	
100	Building W Rooftop (Roof Eyelids)	Silver Painted Roofing Material	Silver/ Gray	Good	Non-Friable	Silver Painted Roofing Material Throughout Building W Rooftop		
101	Building W Rooftop (Roof Eyelids)	Silver Painted Roofing Material	Silver/ Gray	Good	Non-Friable	See Above	Indicated Above	
102	Building W Rooftop (Roof Eyelids)	Silver Painted Roofing Material	Silver/ Gray	Good	Non-Friable	See Above	Indicated Above	
103	Building X Upper Rooftop (North Side)	Rubber Roofing Material with Tectum Board Ceiling and Adhesive (Interior)	White	Good	Non-Friable	Rubber Roofing Material Throughout Building X Rooftop		
104	Building X Upper Rooftop (South Side)	Rubber Roofing Material with Tectum Board Ceiling and Adhesive (Interior)	White	Good	Non-Friable	See Above	Indicated Above	
105	Building X Lower Rooftop (East Side)	Rubber Roofing Material	White	Good	Non-Friable	See Above	Indicated Above	
106	Building X Gymnasium (Ceiling)	Tectum Board Ceiling and Adhesive	White	Good	Friable	Tectum Board Ceiling and Adhesive Throughout Building X Rooftop		
107	Building X Rooftop (Upper Rooftop)	Penetration Mastic	White/ Black	Good	Non-Friable	Penetration Mastic Throughout Building X Rooftop		



Sample	Sample	Sample		Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	Color	Condition	Non-Friable	Location	Quantity	Results
108	Building X Rooftop (Upper Rooftop)	Penetration Mastic	White/ Black	Good	Non-Friable	See Above	Indicated Above	
109	Building X Rooftop (Lower Rooftop)	Penetration Mastic	White/ Black	Good	Non-Friable	See Above	Indicated Above	
110	Building X Rooftop (Upper Rooftop)	Flashing Cap Mastic	White	Good	Non-Friable	Flashing Cap Mastic Throughout Building X Rooftop		
111	Building X Rooftop (Upper Rooftop)	Flashing Cap Mastic	White	Good	Non-Friable	See Above	Indicated Above	
112	Building X Rooftop (Lower Rooftop)	Flashing Cap Mastic	White	Good	Non-Friable	See Above	Indicated Above	
113	Building X Exterior (West Side)	Exterior Concrete Wall	Gray	Good	Non-Friable	Exterior Concrete Wall Throughout Building X		
114	Building X Exterior (North Side)	Exterior Concrete Wall	Gray	Good	Non-Friable	See Above	Indicated Above	
115	Building X Exterior (South Side)	Exterior Concrete Wall	Gray	Good	Non-Friable	See Above	Indicated Above	
116	Building X Exterior (East Side)	Concrete Column	Blue	Good	Non-Friable	Concrete Column Throughout Building X Exterior		
117	Building X Exterior (North Side)	Concrete Column	Blue	Good	Non-Friable	See Above	Indicated Above	
118	Building X Exterior (West Side)	Concrete Column	Blue	Good	Non-Friable	See Above	Indicated Above	
119	Building X Exterior (East Side)	Concrete Walkway	Gray	Good	Non-Friable	Concrete Walkway Throughout Building X Exterior		



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
120	Building X Exterior (North Side)	Concrete Walkway	Gray	Good	Non-Friable	See Above	Indicated Above	Results
121	Building X Exterior (West Side)	Concrete Walkway	Gray	Good	Non-Friable	See Above	Indicated Above	
122	Building X Exterior (North Side)	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	Brick with Mortar Joint Throughout Building X Exterior		
123	Building X Exterior (North Side)	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Indicated Above	
124	Building X Exterior (South Side)	Brick with Mortar Joint	Red/ Gray	Good	Non-Friable	See Above	Indicated Above	
125	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Good	Non-Friable	Vibration Damper Throughout Building X		
126	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Good	Non-Friable	See Above	Indicated Above	
127	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Good	Non-Friable	See Above	Indicated Above	
128	Building X Upstairs Dance Studio	Formica Countertop	Brown	Good	Non-Friable	Formica Countertop Throughout Building X		
129	Building X Upstairs Dance Studio	Formica Countertop	Brown	Good	Non-Fria <b>bl</b> e	See Above	Indicated Above	
130	Building X Upstairs Dance Studio	Formica Countertop	Brown	Good	Non-Friable	See Above	Indicated Above	
131	Building X Upstairs Dance Studio	Floating Concrete Floor	Gray	Good	Non-Friable	Floating Concrete Flooring Throughout Building X		



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
132	Building X Upstairs Dance Studio	Floating Concrete Floor	Gray	Good	Non-Friable	See Above	Indicated Above	Results
133	Building X Upstairs Dance Studio	Floating Concrete Floor	Gray	Good	Non-Friable	See Above	Indicated Above	
134	Building X Main Foyer Ceiling	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Good	Friable	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic Throughout Building X		
135	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	Blue	Good	Friable	See Above	Indicated Above	
136	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Good	Friable	See Above	Indicated Above	
137	Main Lobby (Northwest)	4" Base Cove with Mastic	Black	Good	Non-Friable	4" Base Cove with Mastic Throughout Building X		
138	Main Lobby (West)	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Indicated Above	
139	Coach's Office adjacent Main Lobby	4" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Indicated Above	
140	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	4" Base Cove with Mastic Throughout Building X		
141	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	See Above	Indicated Above	



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
142	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Good	Non-Friable	See Above	Indicated Above	
143	Building X Gym Wall	6" Base Cove with Mastic	Black	Good	Non-Friable	6" Base Cove with Mastic Throughout Building X		
144	Building X Gym Wall	6" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Indicated Above	
145	Building X Gym Wall	6" Base Cove with Mastic	Black	Good	Non-Friable	See Above	Indicated Above	
146	Building X Gym Floor	Rubber Floor Mat Material	Black	Good	Non-Friable	Rubber Floor Mat Material Throughout Building X Gym		
147	Building X Gym Floor	Rubber Floor Mat Material	Black	Good	Non-Friable	See Above	Indicated Above	
148	Building X Gym Floor	Rubber Floor Mat Material	Black	Good	Non-Friable	See Above	Indicated Above	
149	Building X Storage Room Floor adjacent Men's Restroom	12"x 12" Floor Tile with Mastic	Black	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building X		
150	Building X Storage Room Floor adjacent Men's Restroom	12"x 12" Floor Tile with Mastic	Black	Good	Non-Friable	See Above	Indicated Above	
151	Building X Storage Room Floor adjacent Men's Restroom	12"x 12" Floor Tile with Mastic	Black	Good	Non-Friable	See Above	Indicated Above	



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
152	Coach's Office Floor adjacent Electrical Room	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile	Beige	Good	Non-Friable	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile Throughout Building X Coach's Office	100 Sq. Ft.	
153	Coach's Office Floor adjacent Electrical Room	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile	Beige	Good	Non-Friable	See Above	Indicated Above	
154	Coach's Office Floor adjacent Electrical Room	12"x 12" Floor Tile with Mastic Beneath 12"x 12" Vinyl Floor Tile	Beige	Good	Non-Friable	See Above	Indicated Above	
155	Building X Exterior	Window Putty	Blue	Good	Non-Friable	Window Putty Throughout Building X	600 Sq. Ft.	
156	Building X Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Indicated Above	
157	Building X Exterior	Window Putty	Blue	Good	Non-Friable	See Above	Indicated Above	
158	Building X Main Lobby Men's Restroom Floor	Terrazzo	Multi	Good	Non-Friable	Terrazzo Throughout Building X		
159	Building X Main Lobby Women's Restroom Floor	Terrazzo	Multi	Good	Non-Friable	See Above	Indicated Above	
160	Building X Men's Restroom Floor adjacent Gym	Terrazzo	Multi	Good	Non-Friable	See Above	Indicated Above	



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
161	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Good	Non-Friable	Drywall with Joint Compound (Ceiling Lid) Throughout Building X Upstairs Dance Room Office	100 Sq. Ft.	
162	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Good	Non-Friable	See Above	Indicated Above	
163	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Good	Non-Friable	See Above	Indicated Above	
164	Building X Upstairs Dance Room Office Interior Wall	Plaster	White	Good	Non-Friable	Plaster Throughout Building X Upstairs Dance Room Office	500 Sq. Ft.	
165	Building X Upstairs Dance Room Office Exterior Wall	Plaster	White	Good	Non-Friable	See Above	Indicated Above	
166	Building X Upstairs Dance Room Office Exterior Wall	Plaster	White	Good	Non-Friable	See Above	Indicated Above	
167	Coach's Office Floor adjacent Main Lobby	Carpet with Carpet Adhesive	Blue	Good	Non-Friable	Carpet with Carpet Adhesive Throughout Building X Coach's Office	400 Sq. Ft.	
168	Coach's Office Floor adjacent Main Lobby	Carpet with Carpet Adhesive	Blue	Good	Non-Friable	See Above	Indicated Above	···



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
169	Coach's Office Floor adjacent Main Lobby	Carpet with Carpet Adhesive	Blue	Good	Non-Friable	See Above	Indicated Above	
170	Building X Main Lobby (East Wall)	Plaster	White	Good	Non-Friable	Plaster Throughout Building X		
171	Building X Main Lobby (South Wall)	Plaster	White	Good	Non-Friable	See Above	Indicated Above	
172	Building X Custodian Closet Ceiling	Plaster	White	Good	Non-Friable	See Above	Indicated Above	
173	Coach's Office Floor adjacent Electrical Room	12"x 12" Vinyl Floor Tile with Mastic	Brown	Good	Non-Friable	12"x 12" Vinyl Floor Tile with Mastic Throughout Building X Coach's Office	100 Sq. Ft.	
174	Coach's Office Floor adjacent Electrical Room	12"x 12" Vinyl Floor Tile with Mastic	Brown	Good	Non-Friable	See Above	Indicated Above	
175	Coach's Office Floor adjacent Electrical Room	12"x 12" Vinyl Floor Tile with Mastic	Brown	Good	Non-Friable	See Above	Indicated Above	,



Sample	Sample	Sample	Color	Material	Friable	Material	Approx.	Laboratory
No.	Location	Description	COIOI	Condition	Non-Friable	Location	Quantity	Results
176	Coach's Office Floor adjacent Weight Room	12"x 12" Floor Tile with Mastic	Beige	Good	Non-Friable	12"x 12" Floor Tile with Mastic Throughout Building X Coach's Office adjacent Weight Room		
177	Coach's Office Floor adjacent Weight Room	12"x 12" Floor Tile with Mastic	Beige	Good	Non-Friable	See Above	Indicated Above	
178	Coach's Office Floor adjacent Weight Room	12"x 12" Floor Tile with Mastic	Beige	Good	Non-Friable	See Above	Indicated Above	
179	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Good	Non-Friable	9"x 9" Floor Tile with Mastic Throughout Building X	200 Sq. Ft.	
180	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Good	Non-Friable	See Above	Indicated Above	
181	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Good	Non-Friable	See Above	Indicated Above	
182	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Good	Friable	Thermal System Insulation Throughout Building X		



Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
183	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation	White	Good	Friable	See Above	Indicated Above	
184	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation	White	Good	Friable	See Above	Indicated Above	
185	Building X Main Lobby Men's Restroom Floor	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	Ceramic Floor Tile with Grout Throughout Building X		
186	Building X Main Lobby Women's Restroom Floor	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	See Above	Indicated Above	
187	Building X Men's Restroom Floor adjacent Gym	Ceramic Floor Tile with Grout	Green	Good	Non-Friable	See Above	Indicated Above	
188	Building X Coach's Office Wall adjacent Weight Room	Plaster	White	Good	Non-Friable	Plaster Throughout Building X		
189	Building X Men's Restroom Ceiling adjacent Weight Room	Plaster	White	Good	Non-Friable	See Above	Indicated Above	
190	Building X Women's Restroom Wall adjacent Weight Room	Plaster	White	Good	Non-Friable	See Above	Indicated Above	- 44 - 41



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Sample No.	Sample Location	Sample Description	Color	Material Condition	Friable Non-Friable	Material Location	Approx. Quantity	Laboratory Results
191	Building X Gymnasium Floor	Mastic (Beneath Hardwood Flooring)	Black	Good	Non-Friable	Mastic (Beneath Hardwood Flooring) Throughout Building X Gymnasium	4,800 Sq. Ft.	
192	Building X Gymnasium Floor	Mastic (Beneath Hardwood Flooring)	Black	Good	Non-Friable	See Above	Indicated Above	
193	Building X Gymnasium Floor	Mastic (Beneath Hardwood Flooring)	Black	Good	Non-Friable	See Above	Indicated Above	

-End of Report-

#### **Survey Field Notes:**

- 1. Inaccessible Areas Please See Below
  - a. Building W (Men's Locker Room Building)
    - i. Laundry Room/Equipment Room
  - b. Building X (Gymnasium)
    - i. Upstairs Dance Room Storage Room and Storage Room adjacent Dance Room
- 2. Presumed Asbestos-Containing Materials (PACM) Please See Below
  - a. Building W (Men's Locker Room Building)
    - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling. Approximate Quantity: 250 Square Feet
    - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 600 Square Feet
    - iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **300 Square Feet**
  - b. Building X (Gymnasium)
    - i. Mirror Mastic Requires Destructive Sampling. Approximate Quantity: 1,000 Square Feet



- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 600 Square Feet
- iii. Gymnasium Wall Padding Mastic None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **500 Square Feet**
- iv. Vinyl Wall Board and Mastic Main Lobby Men's Restroom Approximate Quantity: 150 Square Feet
- c. Underground Utilities
  - i. Transite Pipe Approximate Quantity: 400 Square Feet
  - ii. Coal Tar Wrapped Piping Approximate Quantity: 400 Square Feet

Compton Community College District Compton College Phase 1 & 2 Demolition Project - PE Complex Bainbridge Environmental Consultants, Inc. Comprehensive Asbestos and Lead-Based Paint Survey Report June 1, 2021, Revised: November 9, 2023

#### **APPENDIX B**

LEAD-BASED PAINT FIELD DATA AND ANALYTICAL RESULTS

Client: Compton Community College District

Compton College – Phase 1 Demolition Project

Site: of Buildings M4, U, V, Z & Pool at the PE Complex

Address: 1111 East Artesia Blvd

Compton, California 90221

Client Project #: N/A

Bainbridge Project #: 21028200.10

Inspector/Sampler: Gage Thompson

Date Sampled: February 25, 2021



XL No	Side	Building	Room	Source	Substrate	Color	Results	Positive	Approx.
AL INO	Side	Building	KOOIII	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	Quantity
1	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 9:06AM
2	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 9:06AM
3	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 9:06AM
4	Α	Building V	Exterior	Exterior Wall	Plaster	Blue	0.1	Negative	N/A
5	С	Building V	Exterior	Exterior Wall	Plaster	Blue	0.1	Negative	N/A
6	В	Building V	Exterior	Exterior Wall	Plaster	White	0.0	Negative	N/A
7	D	Building V	Exterior	Exterior Wall	Plaster	White	0.0	Negative	N/A
8	В	Building V	Exterior	Door	Metal	Blue	0.2	Negative	N/A
9	В	Building V	Exterior	Door Frame	Wood	Blue	0.2	Negative	N/A
10	В	Building V	Exterior	Window Frame	Wood	Blue	0.2	Negative	N/A
11	В	Building V	Exterior	Window Sash	Metal	Blue	0.3	Negative	N/A
12	В	Building V	Exterior	Window Guard	Metal	Blue	-0.2	Negative	N/A
13	В	Building V	Exterior	Door	Wood	Blue	0.3	Negative	N/A
14	D	Building V	Exterior	Door Frame	Wood	Blue	0.2	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results mg/cm <sup>2</sup>	Positive Negative	Approx. Quantity
15	В	Building V	Exterior	Painted Electrical Conduit	Metal	White	0.1	Negative	N/A
16	В	Building V	Exterior	Gutter Downspout	Metal	White	0.2	Negative	N/A
17	В	Building V	Exterior	Gutter Downspout	Metal	Blue	0.2	Negative	N/A
18	D	Building V	Exterior	Overhang	Plaster	Blue	0.1	Negative	N/A
19	D	Building V	Classroom V-70	Interior Wall	Plaster	Blue	0.1	Negative	N/A
20	С	Building V	Room A	Interior Wall	Plaster	White	0.0	Negative	N/A
21	В	Building V	Room E	Interior Wall	Plaster	White	0.3	Negative	N/A
22	Α	Building V	Hallway	Interior Wall	Plaster	White	0.1	Negative	N/A
23	Α	Building V	Hallway	Interior Wall	Wood	White	0.1	Negative	N/A
24	С	Building V	Room A	Interior Wall	Wood	White	0.1	Negative	N/A
25	В	Building V	Room E	Door	Metal	Blue	0.1	Negative	N/A
26	В	Building V	Room E	Door Frame	Wood	Blue	0.2	Negative	N/A
27	В	Building V	Room B	Door	Wood	Varnish	0.0	Negative	N/A
28	Α	Building V	Hallway	Door Frame	Wood	Varnish	0.0	Negative	N/A
29	Α	Building V	Room E	Painted Built-in Cabinetry	Wood	Blue	0.1	Negative	N/A
30	А	Building V	Room E	Floor	Concrete	Blue	0.2	Negative	N/A
31	D	Building V	Room E	Painted Rafters	Wood	White	0.3	Negative	N/A



XL No	C: d c	D. ildin -	Doors	Course	Cubatnata	Color	Results	Positive	Approx.
XL NO	Side	Building	Room	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	Quantity
32	D	Building V	Room E	Window Sash	Metal	White	0.3	Negative	N/A
33	В	Building V	Room B	Window Frame	Metal	White	0.3	Negative	N/A
34	С	Building V	Classroom V-70	Interior Wall	Wood	Varnish	0.0	Negative	N/A
35	С	Building V	Classroom V-70	Painted Lighting Mount Fixture	Metal	White	0.1	Negative	N/A
36	С	Building V	Classroom V-70	Painted Wood	Wood	White	0.1	Negative	N/A
37	D	Building V	Hallway	Ceiling	Plaster	White	0.2	Negative	N/A
38	D	Building V	Men's Restroom	Painted Privacy Stalls	Metal	Beige	0.2	Negative	N/A
39	D	Building V	Women's Restroom	Painted Privacy Stall Door	Wood	White	0.0	Negative	N/A
40	С	Building V	Men's Restroom	Terrazzo	Concrete	Multi	0.4	Negative	N/A
41	В	Building V	Men's Restroom	Door Frame	Wood	Beige	0.2	Negative	N/A
42	В	Building V	Men's Restroom	Door	Wood	Beige	0.0	Negative	N/A
43	D	Building V	Women's Restroom	Door	Metal	Beige	0.0	Negative	N/A
44	С	Building V	Room A	Painted Ceiling Tiles	Wood	White	0.0	Negative	N/A
45	С	Building V	Room E	Painted Ceiling Tiles	Wood	White	0.0	Negative	N/A
46	В	Building V	Hallway	Painted Ceiling Tiles	Wood	White	0.0	Negative	N/A
47	D	Building V	Exterior	Painted Fire Extinguisher Cabinet Door	Metal	Blue	0.3	Negative	N/A
48	D	Building V	Exterior	Painted Electrical Panel Door	Metal	Blue	0.2	Negative	N/A



XL No	Side	Building	Room	Course	Substrate	Color	Results	Positive	Approx.
AL NO	Side	building	KOOM	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	Quantity
49	Α	Building U	Exterior	Exterior Wall	Plaster	Blue	0.1	Negative	N/A
50	В	Building U	Exterior	Exterior Wall	Plaster	Blue	0.1	Negative	N/A
51	С	Building U	Exterior	Exterior Wall	Plaster	Blue	0.2	Negative	N/A
52	D	Building U	Exterior	Exterior Wall	Plaster	Blue	0.1	Negative	N/A
53	В	Building U	Exterior	Door	Wood	Blue	0.1	Negative	N/A
54	В	Building U	Exterior	Door Frame	Wood	Blue	0.1	Negative	N/A
55	В	Building U	Exterior	Window Sash	Wood	Blue	0.4	Negative	N/A
56	В	Building U	Exterior	Window Frame	Wood	Blue	0.0	Negative	N/A
57	В	Building U	Exterior	Window Frame	Metal	Blue	0.1	Negative	N/A
58	В	Building U	Exterior	Wall	Plaster	White	0.0	Negative	N/A
59	В	Building U	Exterior	Gutter Downspout	Metal	Blue	0.1	Negative	N/A
60	Α	Building U	Exterior	Fencing	Metal	White	0.4	Negative	N/A
61	D	Building U	Exterior	Window Frame	Metal	Blue	0.0	Negative	N/A
62	D	Building U	Exterior	Floor Striping	Concrete	Yellow	0.3	Negative	N/A
63	С	Building U	Exterior	Northside Door	Metal	Blue	0.1	Negative	N/A
64	С	Building U	Exterior	Electrical Conduit	Metal	Blue	0.5	Negative	N/A
65	С	Building U	Exterior	Electrical Conduit	Metal	White	-0.2	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results	Positive	Approx.
AL INO	Side	Dullullig	KOOIII	Source	Substrate	Coloi	mg/cm <sup>2</sup>	Negative	Quantity
66	С	Building U	Exterior	Support Column	Metal	Blue	0.6	Negative	N/A
67	В	Building U	Exterior	Louver	Metal	White	0.1	Negative	N/A
68	В	Building U	Exterior	Door Louver	Metal	Blue	0.1	Negative	N/A
69	D	Building U	Main Office (Room 4)	Wall	Plaster	White	0.2	Negative	N/A
70	В	Building U	Room 7	Wall	Plaster	White	-0.1	Negative	N/A
71	Α	Building U	Room 8	Wall	Plaster	White	0.2	Negative	N/A
72	С	Building U	Room 5	Wall	Plaster	White	-0.1	Negative	N/A
73	D	Building U	Main Office (Room 4)	Door Frame	Wood	Gray	0.0	Negative	N/A
74	D	Building U	Main Office (Room 4)	Door	Wood	Gray	0.0	Negative	N/A
75	D	Building U	Hallway	Door	Wood	Gray	-0.1	Negative	N/A
76	С	Building U	Hallway	Interior Office Framing	Wood	White	0.4	Negative	N/A
77	С	Building U	Office 7	Window Sash	Metal	White	0.6	Negative	N/A
78	С	Building U	Office 7	Window Frame	Metal	White	0.8	Positive	800 Sq. ft.
79	В	Building U	Office 8	Ceiling	Plaster	White	0.1	Negative	N/A
80	D	Building U	Office	Wall	Wood	White	0.2	Negative	N/A
81	D	Building U	Room 15	Terrazzo Floor Finish	Concrete	Multi	0.3	Negative	N/A
82	d	Building U	Office 13	Concrete Platform	Concrete	Gray	0.3	Negative	N/A
83	D	Building U	Main Office (Room 4)	Fire-extinguisher Cabinet	Metal	White	0.2	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results mg/cm <sup>2</sup>	Positive Negative	Approx. Quantity
84	А	Building U	Room 13 Restroom	Pipe Chase Door	Wood	Beige	0.1	Negative	N/A
85	В	Building U	Room 13	Built-in Cabinet	Wood	Blue	0.1	Negative	N/A
86	В	Building U	Women's Shower Room	Shower Trim	Concrete	Tan	0.1	Negative	N/A
87	В	Building U	Women's Shower Room	Ceramic Tile Shower Floor	Concrete	Multi	0.1	Negative	N/A
88	Α	Building U	Women's Shower Room	Floor	Concrete	Gray	0.2	Negative	N/A
89	Α	Building U	Women's Shower Room	Lockers	Metal	White	0.0	Negative	N/A
90	С	Building U	Women's Shower Room	Door	Wood	Blue	0.0	Negative	N/A
91	С	Building U	Women's Shower Room	Door Frame	Wood	Blue	0.0	Negative	N/A
92	С	Building U	Women's Shower Room	Electrical Panel Door	Metal	White	0.0	Negative	N/A
93	С	Building U	Women's Shower Room	Electrical Panel Door Frame	Metal	White	0.0	Negative	N/A
94	Α	Building U	Women's Shower Room	Wall	Wood	White	0.2	Negative	N/A
95	С	Building U	Women's Locker Room	Ceiling	Plaster	White	0.0	Negative	N/A
96	Α	Building U	Women's Locker Room	Door	Wood	White	0.2	Negative	N/A
97	Α	Building U	Women's Locker Room	Door	Wood	Red	0.2	Negative	N/A
98	А	Building U	Women's Locker Room	Door Frame	Wood	White	0.1	Negative	N/A
99	А	Building U	Women's Locker Room	Door Frame	Wood	Red	0.2	Negative	N/A
100	С	Building U	Equipment Room (Room 10)	Built-in Cabinet	Wood	Beige	0.1	Negative	N/A



VI No	C:da	D:ld:.c	Daam	Carrac	Cubatuata	Colon	Results	Positive	Approx.
XL No	Side	Building	Room	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	Quantity
101	С	Building U	Equipment Room (Room 10)	Door	Metal	Gray	0.2	Negative	N/A
102	С	Building U	Equipment Room (Room 10)	Door Frame	Metal	Gray	0.2	Negative	N/A
103	Α	Building U	Women's Locker Room	Southside Restroom	Terrazzo Wall	Multi	0.1	Negative	N/A
104	D	Building U	Women's Locker Room	Electrical Conduit On Upper Wall	Metal	White	0.1	Negative	N/A
105	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 10:57AM
106	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 10:57AM
107	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 10:57AM
108	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 12:40PM
109	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 12:40PM
110	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 12:40PM
111	С	Building M4	Exterior	Perimeter Fencing	Metal	Black	0.1	Negative	N/A
112	Α	Building M4	Exterior	Wall	Plaster	Gray	0.1	Negative	N/A
113	В	Building M4	Exterior	Wall	Plaster	Gray	0.1	Negative	N/A
114	С	Building M4	Exterior	Wall	Plaster	Gray	0.1	Negative	N/A
115	D	Building M4	Exterior	Wall	Plaster	Gray	0.1	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results	Positive	Approx.
							mg/cm <sup>2</sup>	Negative	Quantity
116	С	Building M4	Exterior	Structural Post	Metal	Dark Gray	0.0	Negative	N/A
117	D	Building M4	Exterior	HVAC Unit	Metal	Gray	0.1	Negative	N/A
118	D	Building M4	Exterior	Electrical Conduit	Metal	Gray	0.0	Negative	N/A
119	D	Building M4	Exterior	Window Guard	Metal	Gray	0.1	Negative	N/A
120	В	Building M4	Exterior	Gutter Downspout	Metal	Dark Gray	0.1	Negative	N/A
121	В	Building M4	Exterior	Concrete Stairs	Concrete	Dark Gray	0.1	Negative	N/A
122	В	Building M4	Exterior	Door Frame	Metal	Dark Gray	0.0	Negative	N/A
123	В	Building M4	Exterior	Door	Metal	Dark Gray	0.3	Negative	N/A
124	В	Building M4	Exterior	Handrail	Metal	Black	0.0	Negative	N/A
125	В	Building M4	Exterior	Window Sash	Metal	Gray	0.1	Negative	N/A
126	Α	Building M4	Supervisor Room	Interior Fiberboard Wall	Wood	White	0.0	Negative	N/A
127	В	Building M4	Supervisor Room	Interior Fiberboard Wall	Wood	White	0.0	Negative	N/A
128	С	Building M4	Locker Room	Interior Fiberboard Wall	Wood	White	0.1	Negative	N/A
129	D	Building M4	Kitchen	Interior Fiberboard Wall	Wood	White	0.0	Negative	N/A
130	А	Building M4	Supervisor Room Restroom	Ceramic Floor Tile	Wood	Multi	0.2	Negative	N/A
131	Α	Building M4	Supervisor Room Restroom	Painted Cabinetry	Wood	White	0.0	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results	Positive	Approx.
AL INO	Side	Building	KOOIII	Source	Substrate	COIOI	mg/cm <sup>2</sup>	Negative	Quantity
132	С	Building M4	Locker Room	Painted Ceiling	Wood	White	0.1	Negative	N/A
133	С	Building M4	Locker Room Restroom	Door	Wood	White	0.6	Negative	N/A
134	С	Building M4	Locker Room Restroom	Door Frame	Wood	White	0.2	Negative	N/A
135	Α	Building M4	Supervisor Room	Door	Wood	White	0.5	Negative	N/A
136	D	Building M4	Supervisor Room	Door Frame	Wood	Varnish	0.0	Negative	N/A
137	D	Building M4	Supervisor Room	Door	Wood	Varnish	0.0	Negative	N/A
138	В	Building M4	Exterior	Crawlspace Grill	Metal	Gray	0.1	Negative	N/A
139	D	Building M4	Exterior	Painted Light Post	Metal	Black	0.2	Negative	N/A
140	Α	Building Z	Exterior	Exterior Wall	Brick/Concrete	Blue	0.2	Negative	N/A
141	В	Building Z	Exterior	Exterior Wall	Brick/Concrete	Blue	0.1	Negative	N/A
142	С	Building Z	Exterior	Exterior Wall	Brick/Concrete	Blue	0.2	Negative	N/A
143	D	Building Z	Exterior	Exterior Wall	Brick/Concrete	Blue	0.5	Negative	N/A
144	D	Building Z	Exterior	Exterior Wall	Brick/Concrete	Red	0.3	Negative	N/A
145	D	Building Z	Exterior	Exterior Wall	Brick/Concrete	Green	0.1	Negative	N/A
146	D	Building Z	Exterior	Exterior Wall	Brick/Concrete	Yellow	0.0	Negative	N/A
147	D	Building Z	Exterior	Overhang	Plaster	White	0.2	Negative	N/A
148	D	Building Z	Pool	Ceramic Tile	Concrete	Green	0.2	Negative	N/A
149	D	Building Z	Pool	Ceramic Tile	Concrete	Blue	0.1	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results	Positive	Approx.
AL INO	Side	Building	KOOIII	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	Quantity
150	С	Building Z	Pool	Ceramic Tile	Concrete	Black	0.2	Negative	N/A
151	D	Building Z	Pool	Ceramic Tile	Concrete	White	0.1	Negative	N/A
152	D	Building Z	Pool Walkway	Concrete Walkway	Concrete	Orange	0.1	Negative	N/A
153	D	Building Z	Pool Walkway	Concrete Walkway	Concrete	Green	0.2	Negative	N/A
154	D	Building Z	Pool Walkway	Concrete Walkway	Concrete	Red	0.2	Negative	N/A
155	Α	Building Z	Manager's Office	Ceiling	Plaster	White	0.1	Negative	N/A
156	В	Building Z	Manager's Office	Painted Cabinetry	Wood	Green	0.1	Negative	N/A
157	D	Building Z	Exterior	Door	Wood	Red	0.2	Negative	N/A
158	D	Building Z	Exterior	Door Frame	Metal	Red	0.1	Negative	N/A
159	В	Building Z	Exterior	Sliding Door	Metal	Gray	0.3	Negative	N/A
160	С	Building Z	Exterior	Door	Wood	Blue	0.1	Negative	N/A
161	С	Building Z	Exterior	Door Frame	Wood	Blue	0.1	Negative	N/A
162	С	Building Z	Exterior	Caged Door	Metal	Black	0.1	Negative	N/A
163	С	Building Z	Exterior	Caged Door Frame	Metal	Black	0.1	Negative	N/A
164	В	Building Z	Restroom	Interior Wall	Plaster	Blue	0.3	Negative	N/A
165	В	Building Z	Restroom	Privacy Stall	Metal	Blue	0.0	Negative	N/A
166	С	Building Z	Restroom	Interior Wall	Plaster	Blue	0.3	Negative	N/A



XL No	Side	Building	Room	Source	Substrate	Color	Results mg/cm <sup>2</sup>	Positive Negative	Approx. Quantity
167	D	Building Z	Exterior	Perimeter Chain Link Fencing	Metal	White	0.3	Negative	N/A
168	В	Building Z	Exterior	Gate Door	Metal	White	0.2	Negative	N/A
169	Α	Building Z	Exterior	Concrete Fence Footing	Concrete	White	0.5	Negative	N/A
170	В	Building Z	Exterior	Door	Metal	Blue	0.1	Negative	N/A
171	В	Building Z	Exterior	Door Frame	Metal	Blue	0.1	Negative	N/A
172	В	Building Z	Exterior	Door Louver	Metal	Blue	0.1	Negative	N/A
173	D	Building Z	Exterior	Windowsill	Wood	Gray	0.2	Negative	N/A
174	D	Building Z	Exterior	Window Guard	Metal	Gray	0.2	Negative	N/A
175	В	Building Z	Exterior	Fascia Board	Wood	Gray	0.1	Negative	N/A
176	D	Building Z	Exterior	Window Frame	Metal	Yellow	0.2	Negative	N/A
177	В	Building Z	Exterior	Pool Basin	Plaster	Gray	0.1	Negative	N/A
178	D	Building Z	Exterior	Life Guard Seating Tower	Metal	Blue	0.3	Negative	N/A
179	D	Building Z	Exterior	Door Louver	Metal	Red	0.5	Negative	N/A
180	D	Building Z	Exterior	Painted Plumbing Line	Metal	White	0.1	Negative	N/A
181	В	Building U	Exterior	Fascia Board	Wood	Dark Gray	0.2	Negative	N/A
182	D	Building V	Exterior	Fascia Board	Wood	Dark Gray	0.2	Negative	N/A



Compton College – Phase 1 Demolition Project of Buildings M4, U, V, Z & Pool at the PE Complex 1111 East Artesia Boulevard, Compton, California 90221

VI No	Side	Duilding	Room	Course	Substrate	Color	Results	Positive	Approx. Quantity
XL No	Side	Building	KOOM	Source	Substrate	Color	mg/cm <sup>2</sup>	Negative	
183	D	Portico Adjoined to Building U and Building V	Exterior	Support Column	Metal	Dark Gray	3.0	Positive	250 Lin. Ft.
184	D	Portico Adjoined to Building U and Building V	Exterior	Overhang	Wood	White	0.1	Negative	N/A
185	D	Portico Adjoined to Building U and Building V	Exterior	Fascia Board	Wood	White	0.0	Negative	N/A
186	D	Building V Exterior	Exterior	Painted Floor Striping	Concrete	Yellow	0.1	Negative	N/A
187	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 1410PM
188	N/A	N/A	Calibration	Calibration	Calibration	Green	1.1	Positive	Time: 1410PM
189	N/A	N/A	Calibration	Calibration	Calibration	Green	1.0	Positive	Time: 1410PM

-End of Report-

Compton Community College District Compton College Phase 1 & 2 Demolition Project - PE Complex Bainbridge Environmental Consultants, Inc. Comprehensive Asbestos and Lead-Based Paint Survey Report June 1, 2021, Revised: November 9, 2023

#### **APPENDIX C**

**ASBESTOS AND LEAD INSPECTOR'S STATE CERTIFICATIONS** 





#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



#### LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:



Lead Project Monitor

LRC-00011294

6/1/2024

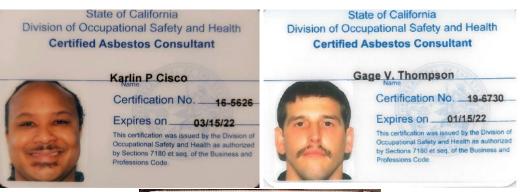
Lead Inspector/Assessor

LRC-00002718

11/13/2023

Gage Thompson

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 <a href="https://www.cdph.ca.gov/programs/clppb">www.cdph.ca.gov/programs/clppb</a> or calling (800) 597-LEAD







#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



#### LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:



Lead Inspector/Assessor

LRC-00003694

2/26/2022

Karlin Cisc

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 <a href="https://www.cdph.ca.gov/programs/clppb">www.cdph.ca.gov/programs/clppb</a> or calling (800) 597-LEAD.



#### STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



#### LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:

Lead Inspector/Assessor

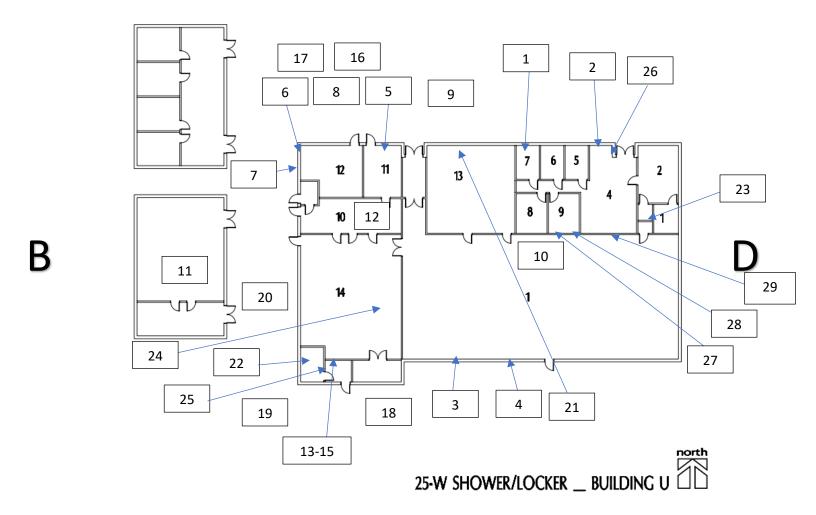
LRC-00002718

11/13/2021



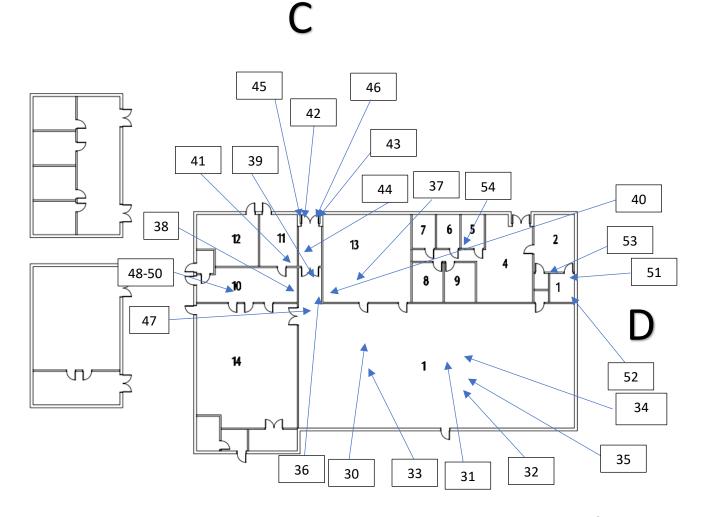
Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at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

# APPENDIX D SAMPLE LOCATION DRAWINGS



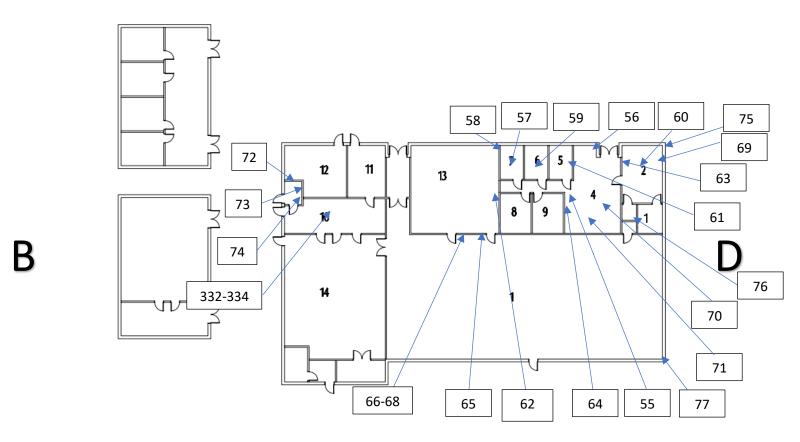
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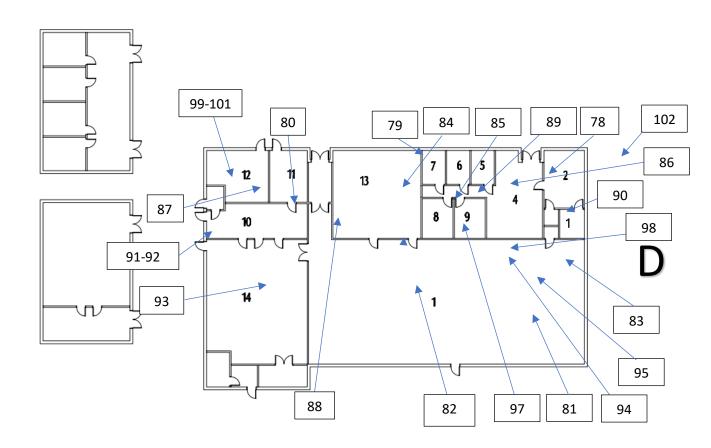
25-W SHOWER/LOCKER \_ BUILDING U

C



25-W SHOWER/LOCKER \_ BUILDING U

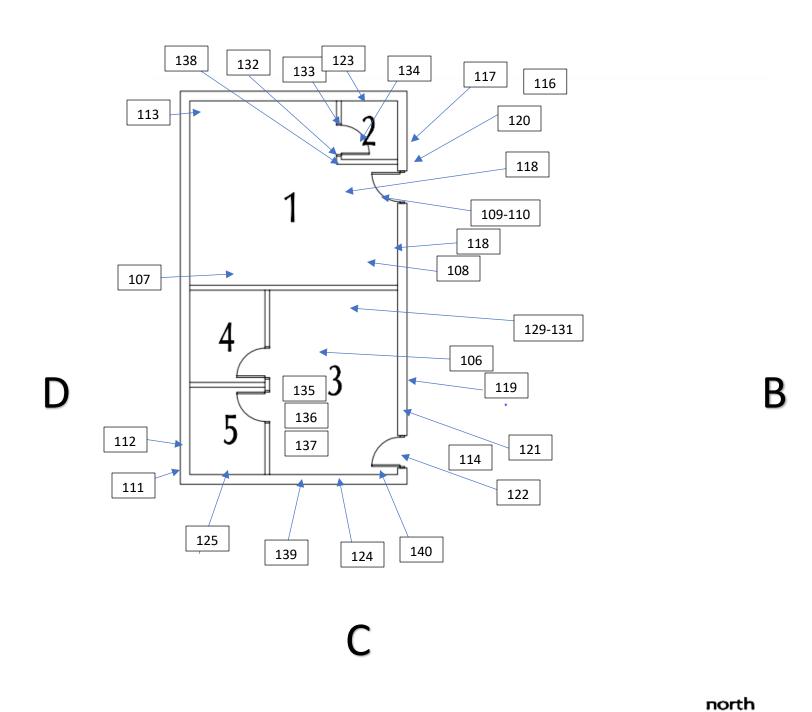
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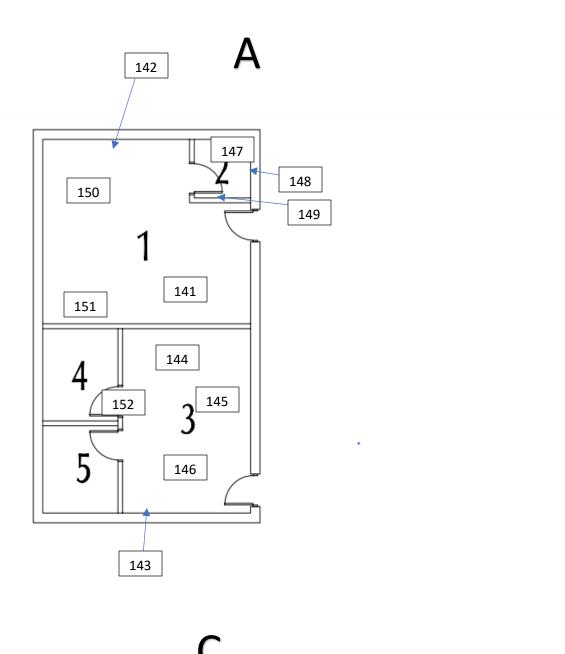
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103

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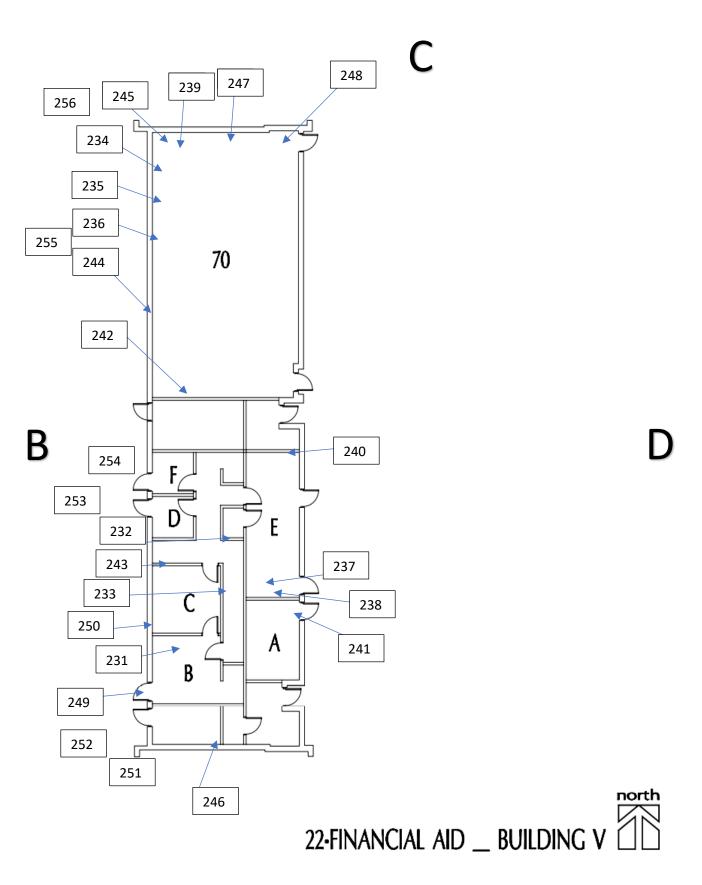


34-CAMPUS POLICE \_ BUILDING M3

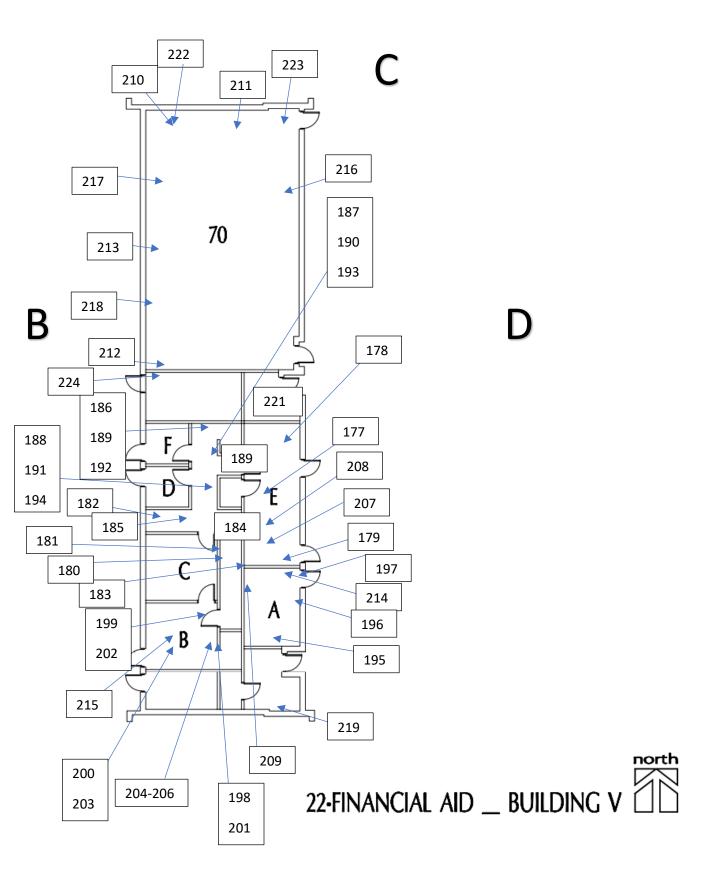


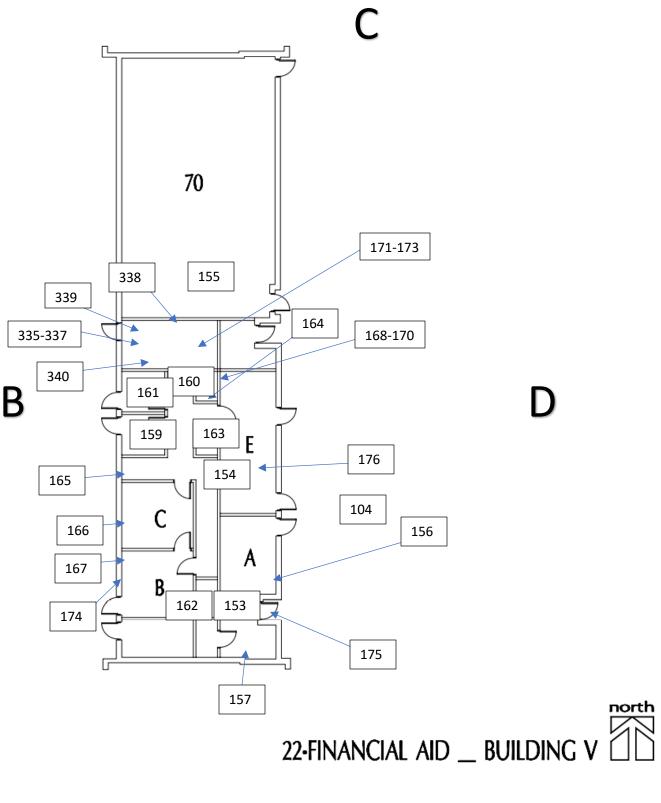
34-CAMPUS POLICE \_ BUILDING M3 POLICE \_ BUILDING M3

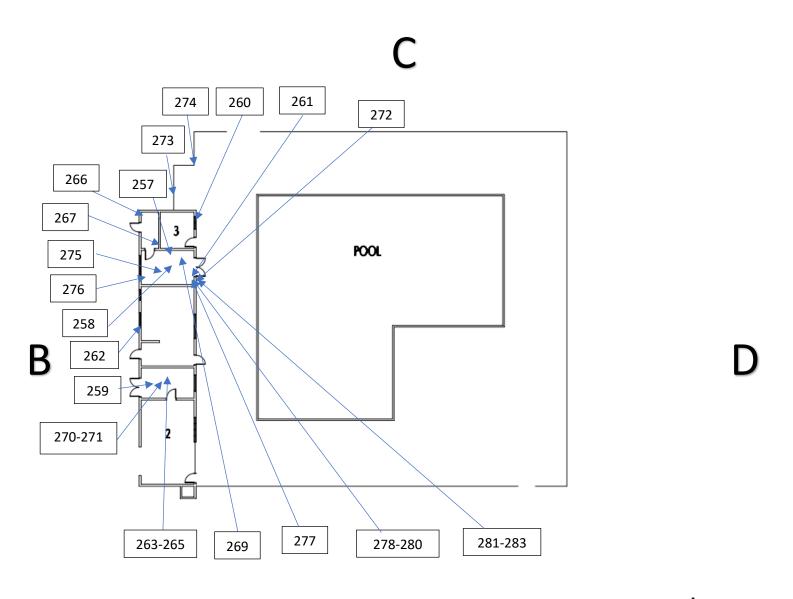
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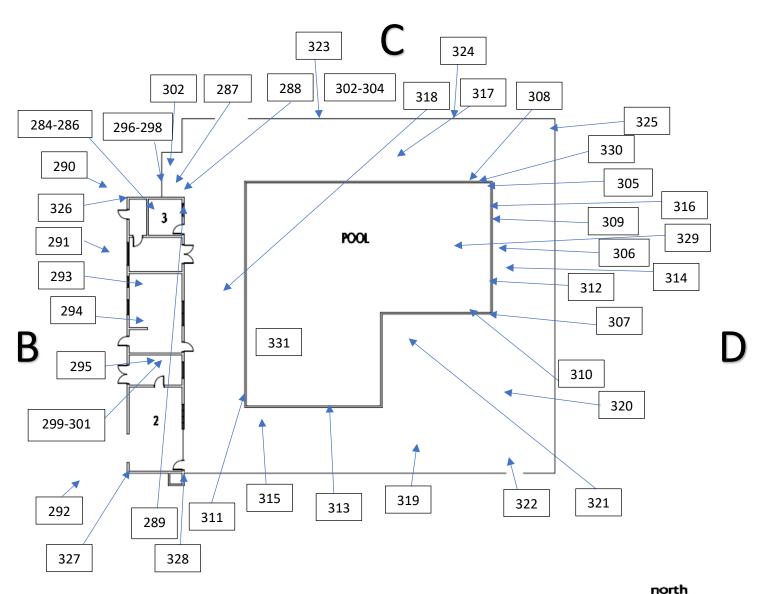




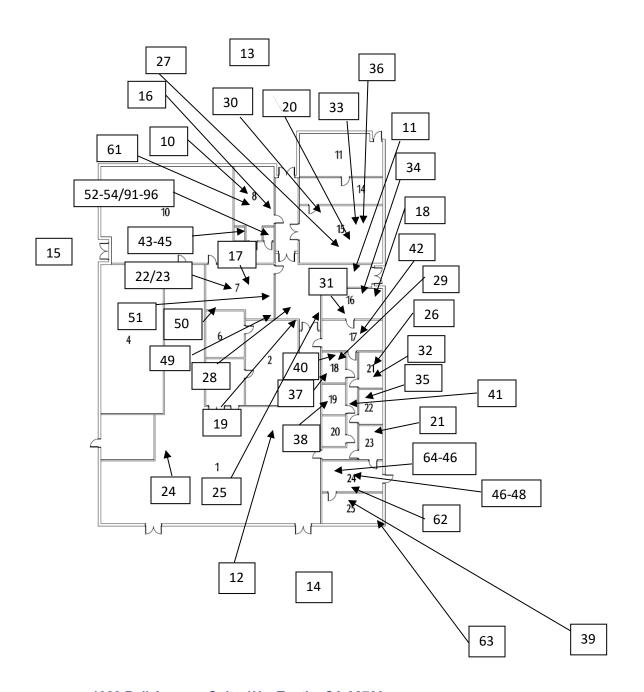
20-POOL SERVICES \_ BUILDING Z

103

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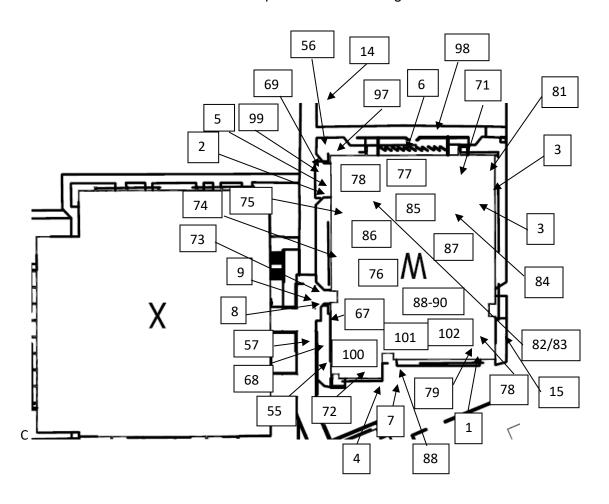
20-POOL SERVICES \_ BUILDING Z





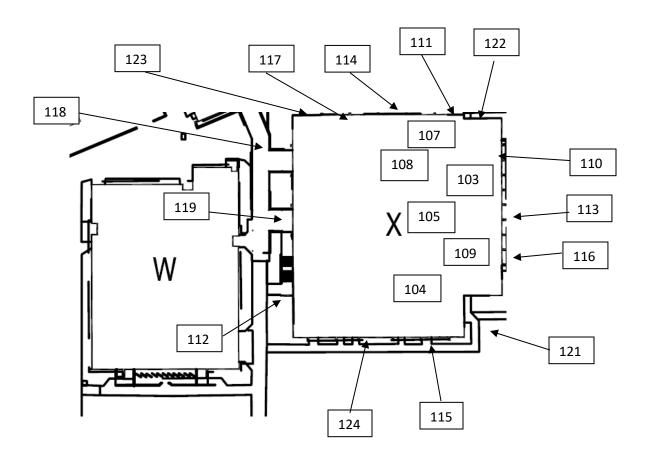
1322 Bell Avenue, Suite 1N + Tustin, CA 92780 Phone (714) 247-0024 + Fax (714) 247-0025

### Compton Community College District Compton College – Phase 2 Demolition Project Asbestos Bulk Sample Location Drawing





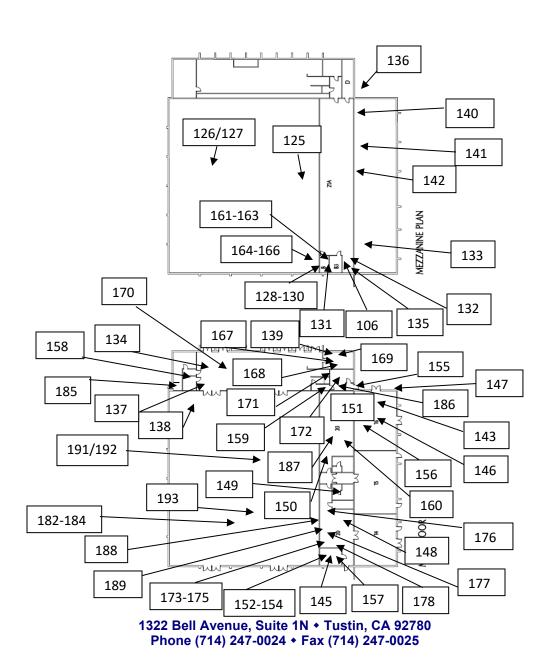
### Compton Community College District Compton College – Phase 2 Demolition Project Asbestos Bulk Sample Location Drawing





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### Compton Community College District Compton College – Phase 2 Demolition Project Asbestos Bulk Sample Location Drawing





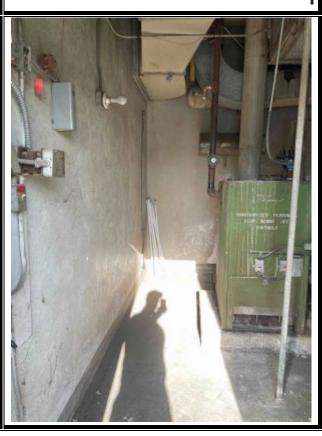
### APPENDIX E SURVEY PHOTOGRAPHS



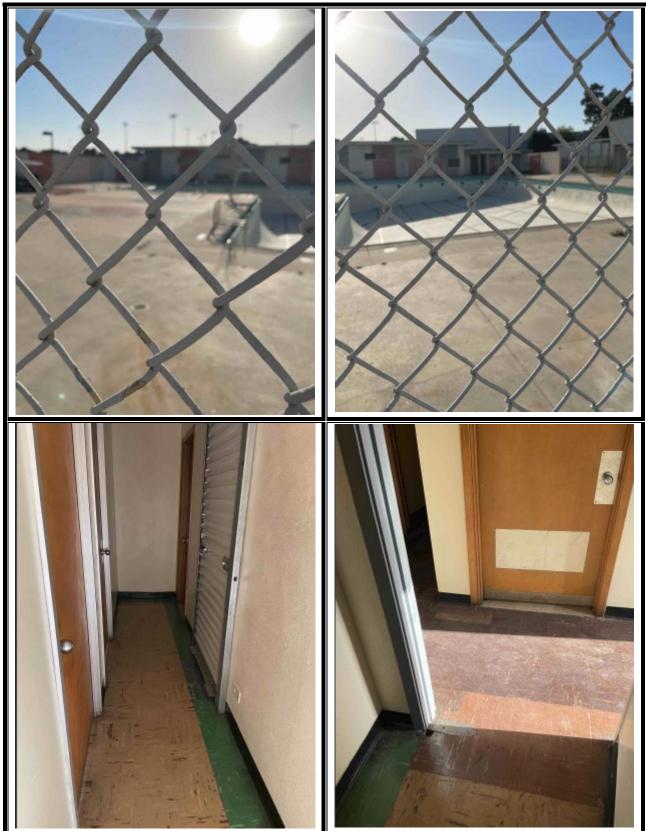


























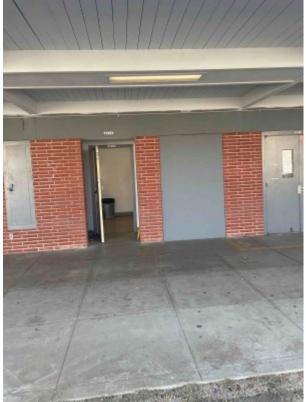












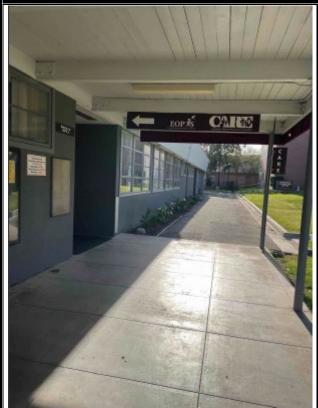


























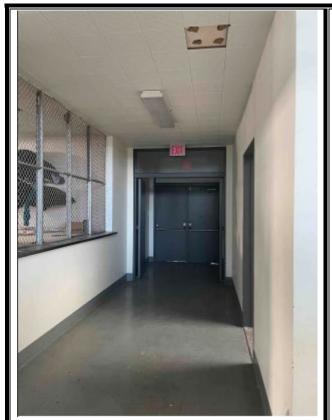






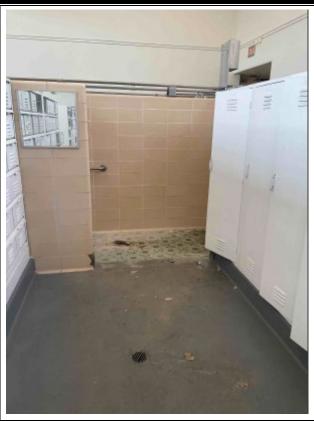




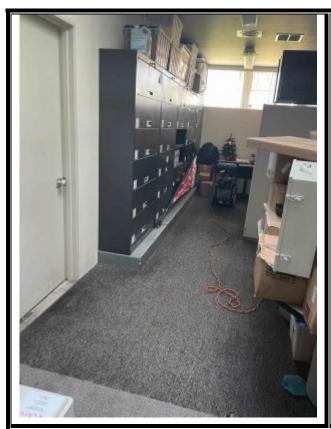














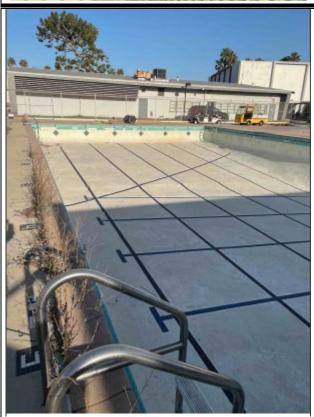




















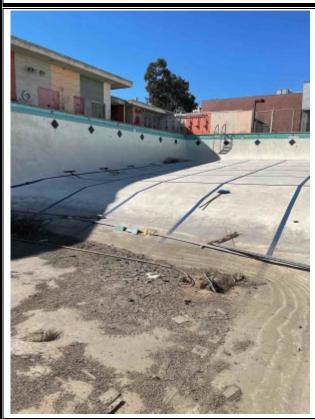














### **ASBESTOS ABATEMENT PROJECT SPECIFICATIONS**

For:

COMPTON COLLEGE
PHASE 1 & 2 DEMOLITION PROJECT FOR
BUILDINGS M4, U, V, W, X, Z & POOL (PE COMPLEX)
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

PRESENTED TO:



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

### PRESENTED BY:



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

Fax: 714-247-0025

Bainbridge Project #: 21028200.12 May 12, 2021, Revised: November 9, 2023

### SECTION 02080 - ASBESTOS ABATEMENT

### PART 1 – GENERAL

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

Project Title: Compton Community College - Phase 1 Demolition Project of Buildings M4,

U, V, W, X, Z & Pool (PE Complex)

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 Comprehensive Asbestos and Lead-Based Paint Survey Report for Compton Community College – Phase 1 Demolition Project of Buildings M4, U, V, Z & Pool at the PE Complex dated April 22, 2021 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:

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results
1	Building U Exterior	Window Putty	Blue	Non- Friable	Window Putty Throughout Building U	800 Sq. Ft.	Trace (<1%) Chrysotile
2	Building U Exterior	Window Putty	Blue	Non- Friable	See Above	Included Above	2% Chrysotile
3	Building U Exterior	Window Putty	Blue	Non- Friable	See Above	Included Above	2% Chrysotile
60	Building U Room 2 Floor	Carpet with Carpet Adhesive	Gray	Non- Friable	Carpet with Carpet Adhesive Throughout Building U	1,950 Sq. Ft.	2% Chrysotile (Tan Tile)
97	Building U Lower Rooftop	HVAC Ducting Mastic	Gray	Frianie	HVAC Ducting Mastic Throughout Building U Rooftop	Included Above	3% Chrysotile

Aspesto							
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results
99	Building U Lower Rooftop	Transite Pipe	Tan	Non- Friable	Transite Pipe Throughout Building U Rooftop	40 Lin. Ft.	15% Chrysotile/ 3% Crocidolite
100	Building U Lower Rooftop	Transite Pipe	Tan	Non- Friable	See Above	Included Above	15% Chrysotile/ 3% Crocidolite
101	Building U Lower Rooftop	Transite Pipe	Tan	Non- Friable	See Above	Included Above	15% Chrysotile/ 3% Crocidolite
117	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Non- Friable	Exterior Wall Coating Throughout Building M4 Exterior	1,800 Sq. Ft.	5% Chrysotile (Dark Beige Coating)
118	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Non- Friable	See Above	Included Above	2% Chrysotile (Dark Beige Coating/Paints)
119	Building M4 Exterior Wall	Exterior Wall Coating	Blue/ Gray	Non- Friable	See Above	Included Above	5% Chrysotile (Dark Beige Coating)
126	Building M4 Floor	Linoleum Flooring	White/ Beige	Non- Friable	Linoleum Flooring Throughout Building M4	200 Sq. Ft.	5% Chrysotile (Beige Tile)
132	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Non- Friable	12"x 12" Floor Tile with Mastic Throughout Building M4	900 Sq. Ft.	5% Chrysotile (Beige Tile)
133	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Non- Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
134	Building M4 Floor	12"x 12" Floor Tile with Mastic	Gray	Non- Friable	See Above	Included Above	5% Chrysotile (Beige Tile)
135	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow/ Gray	Non- Friable	12"x 12" Floor Tile with Mastic Beneath Carpet Throughout Building M4	900 Sq. Ft.	5% Chrysotile (Beige Tile)

Asbestos								
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results	
136	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow/ Gray	Non- Friable	See Above	Included Above	5% Chrysotile (Beige Tile)	
137	Building M4 Floor (Beneath Carpet)	12"x 12" Floor Tile with Mastic Beneath Carpet	Yellow/ Gray	Non- Friable	See Above	Included Above	5% Chrysotile (Beige Tile)	
157	Building V Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	Perimeter Roofing Mastic Throughout Building V Rooftop	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)	
159	Building V Rooftop	Curb Mastic	Gray/ Black	Non- Friable	Curb Mastic Throughout Building V Rooftop	20 Sq. Ft.	5% Chrysotile (Black Semi- Fibrous Tar)	
160	Building V Rooftop	Curb Mastic	Gray/ Black	Non- Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)	
161	Building V Rooftop	Curb Mastic	Gray/ Black	Non- Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)	
163	Building V Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	Pipe Mastic Throughout Building V Rooftop	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)	
164	Building V Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	See Above	Included Above	5% Chrysotile (Black Semi- Fibrous Tar)	
168	Building V Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	HVAC Ducting Mastic Throughout Building V Rooftop	25 Sq. Ft.	3% Chrysotile (Silver Paint)	
169	Building V Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	See Above	Included Above	3% Chrysotile (Silver Paint)	
170	Building V Rooftop	HVAC Ducting Mastic	Gray	Non- Friable	See Above	Included Above	3% Chrysotile (Silver Paint)	

Asbestos									
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results		
171	Building V Rooftop	Transite Pipe	Tan	Non- Friable	Transite Pipe Throughout Building V Rooftop	20 Lin. Ft.	15% Chrysotile / 3% Crocidolite		
172	Building V Rooftop	Transite Pipe	Tan	Non- Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite		
173	Building V Rooftop	Transite Pipe	Tan	Non- Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite		
174	Building V Exterior Lower Window	Window Putty	Gray/ Blue	Non- Friable	Window Putty Throughout Building V	600 Sq. Ft.	2% Chrysotile (Tan Putty)		
175	Building V Exterior Upper Window	Window Putty	Gray/ Blue	Non- Friable	See Above	Included Above	2% Chrysotile (Tan Putty)		
176	Building V Exterior Upper Window	Window Putty	Gray/ Blue	Non- Friable	See Above	Included Above	2% Chrysotile (Tan Putty)		
177	Building V Floor	Interior Concrete Floor	Gray/ Blue	Non- Friable	Interior Concrete Floor Throughout Building V (Conference Room)	300 Sq. Ft.	2% Chrysotile (Tan Semi- Fibrous Material)		
181	Building V Floor	9"x 9" Floor Tile with Mastic	Light Brown with Streaks	Non- Friable	9"x 9" Floor Tile with Mastic Throughout Building V	Included Above	2% Chrysotile (Light Brown Tile)		
184	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	9"x 9" Floor Tile with Mastic Throughout Building V	Included Above	3% Chrysotile (Dark Brown Tile)		
185	Building V Floor	9"x 9" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	See Above	Included Above	3% Chrysotile (Dark Brown Tile)		
186	Building V Floor	9"x 9" Floor Tile with Mastic	Green with Streaks	Non- Friable	9"x 9" Floor Tile with Mastic Throughout Building V	50 Sq. Ft.	5% Chrysotile (Beige Tile Debris)		

ASDESTOS									
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results		
189	Building V Floor	9"x 9" Floor Tile with Mastic	Blue with Streaks	Non- Friable	9"x 9" Floor Tile with Mastic Throughout Building V	50 Sq. Ft.	3% Chrysotile (Dark Green Tile) 5% Chrysotile (Beige Tile Debris)		
190	Building V Floor	9"x 9" Floor Tile with Mastic	Blue with Streaks	Non- Friable	See Above	Included Above	3% Chrysotile (Dark Green Tile)		
191	Building V Floor (Classroom V-70)	9"x 9" Floor Tile with Mastic	Blue with Streaks	Non- Friable	See Above	Included Above	3% Chrysotile (Dark Green Tile) 5% Chrysotile (Beige Tile Debris)		
192	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Non- Friable	9"x 9" Floor Tile with Mastic Throughout Building V	50 Sq. Ft.	5% Chrysotile (Beige Tile)		
193	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Non- Friable	See Above	Included Above	5% Chrysotile (Beige Tile)		
194	Building V Floor	9"x 9" Floor Tile with Mastic	Tan with Streaks	Non- Friable	See Above	Included Above	5% Chrysotile (Beige Tile)		
195	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Non- Friable	9"x 9" Floor Tile with Mastic Throughout Building V	450 Sq. Ft.	5% Chrysotile (Dark Red Tile)		
196	Building V Floor	9"x 9" Floor Tile with Mastic	Red with Streaks	Non- Friable	See Above	Included Above	5% Chrysotile (Dark Red Tile)		
198	Building V Floor	12"x 12" Floor Tile with Mastic	Light Brown with Streaks	Non- Friable	12"x 12" Floor Tile with Mastic Throughout Building V	900 Sq. Ft.	5% Chrysotile (Green Tile)		
200	Building V Floor	12"x 12" Floor Tile with Mastic	Light Brown with Streaks	Non- Friable	See Above	Included Above	5% Chrysotile (Green Tile)		
201	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	12"x 12" Floor Tile with Mastic Throughout Building V	900 Sq. Ft.	5% Chrysotile (Green Tile)		

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Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results
203	Building V Floor	12"x 12" Floor Tile with Mastic	Dark Brown with Streaks	Non- Friable	See Above	Included Above	5% Chrysotile (Green Tile)
214	Building V Wall	4" Base Cove with Mastic	Black	Non- Friable	4" Base Cove with Mastic Throughout Building V	Included Above	2% Chrysotile (Tan Mastic)
215	Building V Wall	4" Base Cove with Mastic	Black	Non- Friable	See Above	Included Above	2% Chrysotile (Tan Mastic)
260	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	Perimeter Roofing Mastic Throughout Building Z Rooftop	270 Sq. Ft.	2% Chrysotile (Black Semi- Fibrous Tar)
261	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
262	Building Z Rooftop	Perimeter Roofing Mastic	Gray	Non- Friable	See Above	Included Above	2% Chrysotile (Black Semi- Fibrous Tar)
263	Building Z Rooftop	Curb Mastic	Gray/ Black	Non- Friable	Curb Mastic Throughout Building Z Rooftop	5 Sq. Ft.	2% Chrysotile (Black Semi-Fibrous Tar with Stones)
264	Building Z Rooftop	Curb Mastic	Gray/ Black	Non- Friable	See Above	Included Above	2% Chrysotile (Black Semi-Fibrous Tar with Stones)
265	Building Z Rooftop	Curb Mastic	Gray/ Black	Non- Friable	See Above	Included Above	2% Chrysotile (Black Semi-Fibrous Tar with Stones)
266	Building Z Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	Pipe Mastic Throughout Building Z Rooftop	5 Sq. Ft.	2% Chrysotile (Black Semi-Fibrous Tar)
267	Building Z Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	See Above	Included Above	2% Chrysotile (Black Semi-Fibrous Tar)
268	Building Z Rooftop	Pipe Mastic	Gray/ Black	Non- Friable	See Above	Included Above	2% Chrysotile (Black Semi-Fibrous Tar)

ASDESIOS								
Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Material Location	Approx. Quantity	Laboratory Results	
269	Building Z Rooftop	Transite Pipe	Tan	Non- Friable	Transite Pipe Throughout Building Z Rooftop	30 Lin. Ft.	15% Chrysotile / 3% Crocidolite (Grey Semi-Fibrous Material)	
270	Building Z Rooftop	Transite Pipe	Tan	Non- Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite (Grey Semi-Fibrous Material)	
271	Building Z Rooftop	Transite Pipe	Tan	Non- Friable	See Above	Included Above	15% Chrysotile / 3% Crocidolite (Grey Semi-Fibrous Material)	
287	Building Z Exterior	Stucco	White	Non- Friable	Stucco Throughout Building Z	600 Sq. Ft.	Trace (<1%) Chrysotile	
288	Building Z Exterior	Stucco	White	Non- Friable	See Above	Included Above	Trace (<1%) Chrysotile	
289	Building Z Exterior	Stucco	White	Non- Friable	See Above	Included Above	Trace (<1%) Chrysotile	
296	Building Z Restroom	Hockey Puck Mastic	Brown	Non- Friable	Hockey Puck Mastic Throughout Building Z	150 Sq. Ft.	Trace (<1%) Anthophyllite (Brown Mastic)	
297	Building Z Restroom	Hockey Puck Mastic	Brown	Non- Friable	See Above	Included Above	Trace (<1%) Anthophyllite (Brown Mastic)	
298	Building Z Restroom	Hockey Puck Mastic	Brown	Non- Friable	See Above	Included Above	Trace (<1%) Anthophyllite (Brown Mastic)	
320	Building Z Pool Walkway	Concrete Walkway	Orange	Non- Friable	Concrete Walkway Throughout Building Z Pool Walkway	300 Sq. Ft.	Trace (<1%) Chrysotile Light Red Cementitiou Material)	
321	Building Z Pool Walkway	Concrete Walkway	Red	Non- Friable	See Above	Included Above	Trace (<1%) Chrysotile (Red Cementitious Material)	
322	Building Z Pool Walkway	Concrete Walkway	Green	Non- Friable	See Above	Included Above	Trace (<1%) Chrysotile (Green Cementitious Material)	

# Inaccessible Areas -

- a. Building U (Women's Locker Room Building)
  - i. Pipe Chase in Women's Locker Room Area (South Side)
  - ii. Back Office in Equipment Room
  - iii. Mechanical Room
- b. Building V (Old Police Building)
  - i. High Voltage Room
  - ii. Rooms C, D and E (According to Floor Plans)

Note: Once these inaccessible areas are opened Bainbridge will perform additional testing of any suspect materials located in these rooms and a supplemental survey report will be issued as an addendum to this report.

# Presumed Asbestos-Containing Materials (PACM) -

- a. Building U (Women's Locker Room Building)
  - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
     Approximate Quantity: 500 Square Feet
  - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 600 Square Feet
  - iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **300 Square Feet**
  - iv. HVAC Vibration Reducers Requires Destructive Sampling and Unit in Operation.Approximate Quantity: 100 Square Feet

# b. Building V (Old Police Building)

- i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
   Approximate Quantity: 250 Square Feet
- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 375 Square Feet
- iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: 300 Square Feet

#### c. Building M4 (Old Police Trailer)

- i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling. Approximate Quantity: **75 Square Feet**
- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 50 Square Feet
- iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **150 Square Feet**

# d. Building Z (Pool Service Building and Pool)

- i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
   Approximate Quantity: 25 Square Feet
- ii. Fire Doors Requires Destructive Sampling. Approximate Quantity: 200 Square Feet
- iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: 400 Square Feet
- iv. HVAC Vibration Reducers Requires Destructive Sampling. Approximate Quantity: 100Square Feet

# e. Underground Utilities

- i. Transite Pipe Approximate Quantity: 400 Square Feet
- ii. Coal Tar Wrapped Piping Approximate Quantity: 400 Square Feet

Asbestos-Containing Materials (Buildings W & X)

Sample No.	Sample Location	Sample Color Description		Friable Non- Friable	Approx. Quantity	Laboratory Results
1	Building W Exterior	Window Putty	Blue	Non- Friable	600 Sq. Ft.	Trace (<1%) Chrysotile
3	Building W Exterior	Window Putty	Blue	Non- Friable	Included Above	Trace (<1%) Chrysotile
37	Building W Coach's Office Floor (Room 18)	18"x 18" Floor Tile with Mastic	Gray	Non- Friable	1,800 Sq. Ft.	3% Chrysotile
39	Building W Office Floor (Room 25)	18"x 18" Floor Tile with Mastic	Gray	Non- Friable	Included Above	3% Chrysotile
67	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Non- Friable	15,500 Sq. Ft.	2% Chrysotile
68	Building W Rooftop (Northeast Side)	Built-up Roofing Material	Gray	Non- Friable	Included Above	2% Chrysotile
69	Building W Rooftop (Southeast Side)	Built-up Roofing Material	Gray	Non- Friable	Included Above	2% Chrysotile
88	Building W Rooftop	Transite Pipe	Tan	Non- Friable	40 Lin. Ft.	15% Chrysotile 3% Crocidolite
89	Building W Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile 3% Crocidolite
90	Building W Rooftop	Transite Pipe	Tan	Non- Friable	Included Above	15% Chrysotile 3% Crocidolite
98	Building W Rooftop	Flashing Cap Mastic	White/ Black	Non- Friable	50 Sq. Ft.	5% Chrysotile
100	Building W Rooftop (Roof Eyelids)	Silver Painted Material	Silver/ Gray	Non- Friable	250 Sq. Ft.	2% Chrysotile
101	Building W Rooftop (Roof Eyelids)	Silver Painted Material	Silver/ Gray	Non- Friable	Included Above	2% Chrysotile
102	Building W Rooftop (Roof Eyelids)	Silver Painted Material	Silver/ Gray	Non- Friable	Included Above	2% Chrysotile

Asbestos-Containing Materials (Buildings W & X): Continued

Tobototo		(Buildings W & X): Continued					
Sample	Sample	Sample	Color	Non-	Approx.	Laboratory	
No.	Location	Description		Friable	Quantity	Results	
125	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Non- Friable	40 Sq. Ft.	40% Chrysotile	
126	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Non- Friable	Included Above	40% Chrysotile	
127	Building X Catwalk at HVAC Unit	Vibration Damper	Gray	Non- Friable	Included Above	40% Chrysotile	
134	Building X Main Foyer Ceiling	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Friable	5,500 Sq. Ft.	Trace (<1%) Anthophyllite	
135	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Friable	Included Above	Trace (<1%) Anthophyllite	
136	Building X Upstairs Dance Studio Wall	12"x 12" Straight Pinhole Ceiling Tile with Hockey Puck Mastic	White	Friable	Included Above	Trace (<1%) Anthophyllite	
140	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Non- Friable	20 Sq. Ft.	Trace (<1%) Anthophyllite	
141	Building X Upstairs Dance Studio Wall	4" Base Cove with Mastic	Brown	Non- Friable	Included Above	Trace (<1%) Anthophyllite	
161	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Non- Friable	100 Sq. Ft.	2% Chrysotile	
162	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Non- Friable	Included Above	2% Chrysotile	
163	Building X Upstairs Dance Room Office Ceiling	Drywall with Joint Compound (Ceiling Lid)	Brown/ White	Non- Friable	Included Above	2% Chrysotile	
179	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Non- Friable	200 Sq. Ft.	3% Chrysotile	
180	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Non- Friable	Included Above	3% Chrysotile	
181	Men's Restroom Foyer Floor adjacent Weight Room	9"x 9" Floor Tile with Mastic	Light Blue	Non- Friable	Included Above	3% Chrysotile	
182	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Friable	75 Sq. Ft.	7% Chrysotile	

Asbestos-Containing Materials (Buildings W & X): Continued

Sample No.	Sample Location	Sample Description	Color	Friable Non- Friable	Approx. Quantity	Laboratory Results
183	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Friable	Included Above	7% Chrysotile
184	Coach's Office Storage Room adjacent Weight Room	Thermal System Insulation (Hardpacked Elbow)	White	Friable	Included Above	7% Chrysotile

# **Inaccessible Areas -**

- a. Building W (Men's Locker Room Building)
  - i. Laundry Room/Equipment Room
- b. Building X (Gymnasium)
  - i. Upstairs Dance Room Storage Room and Storage Room adjacent Dance Room

Note: Once these inaccessible areas are opened Bainbridge will perform additional testing of any suspect materials located in these rooms and a supplemental survey report will be issued as an addendum to this report.

# Presumed Asbestos-Containing Materials (PACM) -

- a. Building W (Men's Locker Room Building)
  - i. Chalkboard/Tackboard Hockey Puck Mastic Requires Destructive Sampling.
     Approximate Quantity: 250 Square Feet
  - ii. Fire Doors Requires Destructive Sampling. Approximate Quantity:

# **600 Square Feet**

- iii. Thermal System Insulation (TSI) None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: **300 Square Feet**
- b. Building X (Gymnasium)
  - i. Mirror Mastic Requires Destructive Sampling. Approximate Quantity:

#### 1,000 Square Feet

ii. Fire Doors - Requires Destructive Sampling. Approximate Quantity:

## 600 Square Feet

- iii. Gymnasium Wall Padding Mastic None observed during survey, in the event this is encountered in hidden wall/ceiling cavities this item shall be presumed. Approximate Quantity: 500 Square Feet
- iv. Vinyl Wall Board and Mastic Main Lobby Men's Restroom.

Approximate Quantity: 150 Square Feet

- f. Underground Utilities
  - iii. Transite Pipe Approximate Quantity: 400 Square Feet
  - iv. Coal Tar Wrapped Piping Approximate Quantity: 400 Square Feet

# ASBESTOS ABATEMENT

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	Ashestos					
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					
	- L					

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 Test Performance of High Efficiency,

(R1982) 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:

- 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.

# ASBESTOS ABATEMENT

- 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.

# ASBESTOS ABATEMENT

# 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

Bainbridge Environmental Consultants, Inc. May 12, 2021, Revised: November 9, 2023

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.

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

#### **RESPIRATORS** 3.3

- Α. 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.

- Α. 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.I 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 precleaned 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. Asbestoscontaining 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.
- 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.

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 backup 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 backup 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.
- 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.
- 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 reestablish 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.
- 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.
- 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:

# ASBESTOS ABATEMENT

- 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 nonhazardous 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:

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<br/>SampledMinimum No<br/>of SamplesMinimum No<br/>VolumeBenchmark1/work area1300L

# ASBESTOS ABATEMENT

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:

- 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.
- 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
PHASE 1 & 2 DEMOLITION PROJECT FOR
BUILDINGS M4, U, V, W, X, Z & POOL (PE COMPLEX)
1111 EAST ARTESIA BOULEVARD
COMPTON, CALIFORNIA 90221

## PRESENTED TO:



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

# PRESENTED BY:



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

Bainbridge Project #: 21028200.12 May 12, 2021, Revised: November 9, 2023

## SECTION 02090 - LEAD ABATEMENT

# PART 1 – GENERAL

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

Project Title: Compton Community College - Phase 1 Demolition Project of Buildings

M4, U, V, W, X, Z & Pool (PE Complex)

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 Comprehensive Asbestos and Lead-Based Paint Survey Report for Compton Community College – Phase 1 Demolition Project of Buildings M4, U, V, Z & Pool at the PE Complex dated April 22, 2021 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	Positive	Approx.
		9					mg/cm <sup>2</sup>	Negative	Quantity
78	C	Building	Office / L	Window	Metal	White	0.8	Positive	800
	)	U		Frame					Sq. ft.
79 B	B	Building	Catwalk	Painted	Metal	Dark	1.1	Positive	15
	ь	Х		Ladder		Blue		FOSILIVE	Lin. Ft.
183	D	Portico Adjoined to Building U and Building V	Exterior	Support Column	Metal	Dark Gray	3.0	Positive	250 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/cm²), 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/cm²). Based on the location of the subject property in Los Angeles County the "abatement level" (threshold) setting of 0.7 mg/cm² 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

**LEAD ABATEMENT** 

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:

- Identification of hazardous wastes associated with the work.
- B. Estimated quantities of wastes to be generated and disposed of.

- Bainbridge Environmental Consultants, Inc. May 12, 2021, Revised: November 9, 2023
- 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

**LEAD ABATEMENT** 

## 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.

#### **LEAD ABATEMENT**

# 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.

- Bainbridge Environmental Consultants, Inc. May 12, 2021, Revised: November 9, 2023
- 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**