

HAZARDOUS MATERIALS SURVEY for 2026 DEMOLITION and REMODEL

Sweet Home High School
Sweet Home, Oregon



September 2025

Hazardous Materials Survey

Prepared for

Sweet Home School District
1920 Long St.
Sweet Home, OR 97386

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September 2025

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SURVEY SCOPE**Kelsay Project # 1641**

Kelsay Environmental provided a comprehensive asbestos survey and compiled a report following the scope of work presented below.

SCOPE OF WORK

1. Inspect and sample suspect asbestos containing building materials (ACBM) in accordance with state and federal regulations (OSHA and AHERA).
2. Bulk samples analyzed for asbestos by PLM (Polarized Light Microscopy) by an accredited NVLAP Laboratory.
3. Create report that outlines the presence, location, quantity, and condition of ACBMs.
4. Lead Inspection Summary and PCB Ballast & Mercury Vapor Tubes Inspection Summary
5. Client: Sweet Home School District; Josh Darwood, 541-936-1801

CERTIFICATION

Kelsay Environmental has conducted a physical inspection of the building and compiled this report consistent with the survey scope and certifies that the information is correct and accurate within the standards of professional quality and contractual obligations.

Sincerely,

David Lang

David Lang
Environmental Professional
AHERA Inspector # 195429
503-519-7488

Brad Kelsay

Brad Kelsay
Project Manager & AHERA Project Designer
AHERA Inspector # 195952
503-705-0514

HAZARDOUS MATERIALS INSPECTION SUMMARY

Kelsay Environmental conducted a survey of suspect asbestos-containing building materials at the following site:

**Sweet Home High School
1641 Long St.
Sweet Home, OR 97386**

The survey was performed by David Lang (AHERA Accredited Inspector) on April 10th and 11th, 2025. Additional sampling events occurred on August 18th and 19th 2025. All sampling was conducted in accordance with AHERA and Occupational Safety and Health Administration (OSHA) testing protocol. The survey characterized the extent of suspected asbestos-containing materials that will be potentially impacted in the summer of 2026.

This survey was performed to facilitate the planned demolition and renovation activities scheduled for several buildings within the high school. Buildings B, C, D, the Wood Shop, and Portables M1-M4 are expected to be demolished in the summer of 2026. Partial demolition and extensive renovations are anticipated in Building A. Twenty-two (22) materials that have the potential to be impacted by renovation and demolition activities tested positive for asbestos.

According to the lab results, the following materials were positive for asbestos:

- A. 12"x12" Green Vinyl Floor Tiles with Black Mastic in D5.**
- B. 2'x4' Drop Ceiling Tiles in D5.**
- C. 12"x12" Red Vinyl Floor Tiles in D4.**
- D. Tan Mastic associated with the 2" White Cove Base in D5.**
- E. Black/Brown Mastic associated with the 2" Brown Cove Base in D5.**
- F. Brown Mastic Glue Dots associated with the Decorative Wall Tiles in D1.**
- G. 9"x9" Blue Vinyl Floor Tiles with Black Mastic in the Wood Shop Locker Room.**
- H. 9"x9" White Vinyl Floor Tiles in the Wood Shop Single Bathroom.**
- I. Exterior Window Glazing on Wood Shop Building (A31).**
- J. Gypsum Wallboard with Joint Compound & Wall Texture in the Wood Shop Storage Room.**
- K. 12"x12" Beige Vinyl Floor Tiles with Black Mastic throughout Building C.**
- L. Black, Pale Black, and Gray Laboratory Countertops throughout Building C.**
- M. Pink Sink Undercoating in Building C (Book Room & C6).**
- N. Gypsum Wallboard with Joint Compound in Mechanical Rooms of Building B & C.**
- O. 12"x12" Tan Vinyl Floor Tiles with Black Mastic throughout Building B.**
- P. 2'x4' Drop Ceiling Tiles in Building B.**
- Q. 9"x9" Light Brown Vinyl Floor Tiles with Black Mastic in A24, A25, A26, & A27.**
- R. 2'x4' Drop Ceiling Tiles throughout the east block of Building A. (Scheduled for Demolition)**
- S. 9"x9" Vinyl Floor Tiles with Black Mastic in A14, A15, A16, & A17.**
- T. Gypsum Wallboard with Joint Compound in A9.**

HAZARDOUS MATERIALS INSPECTION SUMMARY (Continued)

The following materials are presumed positive for asbestos:

- A. Hard Fittings throughout Building A, B, and C (Observed in Mechanical Rooms and in Interstitial Spaces above Drop Ceilings).
- B. Fire Doors throughout High School.

Materials sampled have tested positive for asbestos, materials that are friable should not be disturbed by sanding, grinding, or abrading practices. The positive asbestos-containing materials should be properly managed or disposed of as asbestos waste. Prior to demolition or renovation, asbestos-containing building materials are required to be removed by a certified abatement contractor or current residing owner per Department of Environmental Quality (OAR 340-248-0010 through 340-248-0290) and OSHA regulations. Disposal requirements apply for both contractors and owners at landfills.

The results for all tested materials can be found in the asbestos materials inventory in Table 2 of this report. Warning signs were observed in Mechanical Rooms and the 2nd floor of the Wood Shop that listed Mag Block Insulation, Mag Pipe Insulation, Air Cell Pipe Insulation, Felt Wrap Pipe Insulation as being present on site. These materials were not expressly observed, but it is likely they exist in locations that are inaccessible without extensive demolition, or were abated at a previous date. While every attempt was made to test building materials, unforeseen material may be concealed inside the walls, chases, and crawlspaces. If materials not identified in this survey are discovered during demolition, Kelsay Environmental will need to return to site to sample these materials for asbestos.

Based upon the general age of the structure, all painted surfaces at the site should be presumed to contain some lead. Compliance with OSHA regulation 1926.62 is required. Teenaged children are present at the site, and best work practices include compliance with EPA Lead RRP rules and regulations.

Table 1
ASBESTOS FINDINGS & QUANTITIES
Sweet Home High School

Material Description	Location	Condition	Asbestiform	Quantity
Pale Green 12"x12" Vinyl Floor Tiles	D5	Good – NFD	3% Chrysotile	1,152 ft ² **
Dark Green 12"x12" Vinyl Floor Tiles with Black Mastic	D5	Good – NFD	3% Chrysotile	672 ft ² **
2'x4' Drop Ceiling Tiles	D Building	Good – Friable	2% Chrysotile	3,504 ft ² **
Red 12"x12" Vinyl Floor Tiles	D4	Good – NFD	3% Chrysotile	1,152 ft ² **
Tan Mastic adhered to 2" White Cove Base	D4	Good – NFD	2% Chrysotile	136 LF
Brown/Black Mastic adhered to 2" Brown Cove Base	D5	Good – NFD	2% Chrysotile	136 LF
Decorative Wall Tile Glue Dots	D1	Fair – NFD	2% Chrysotile	101 ft ² **
Blue 9"x9" Vinyl Floor Tiles with Black Mastic	Wood Shop – Locker Room & Office	Fair – NFD	3-4% Chrysotile	88 ft ² **
White 9"x9" Vinyl Floor Tiles	Wood Shop – Single Bath	Fair – NFD	3% Chrysotile	42 ft ² **
Window Glazing	Wood Shop – Exterior	Fair – NFD	2% Chrysotile	85 Windows
Gypsum Wallboard with Joint Compound & Black Wall Mastic	Wood Shop – Storage Rooms	Poor – NFD	2% Chrysotile	2,019 ft ² **
Laboratory Countertops (Gray/Black/Pale Black)	C Building	Good – NFD	20% Chrysotile	68 Counters
Beige 12"x12" Vinyl Floor Tiles with Black Mastic	C Building	Good – NFD	3-4% Chrysotile	10,335 ft ² **
Gypsum Wallboard with Joint Compound	C Building – Mechanical Room	Fair – NFD	2% Chrysotile	868 ft ² **

** = quantity should be field verified by an abatement contractor.

NFD = non-friable unless disturbed.

Table 1 (Continued)
ASBESTOS FINDINGS & QUANTITIES
Sweet Home High School

Material Description	Location	Condition	Asbestiform	Quantity
Pink Sink Undercoating	C6 & C Building Book Room	Good – NFD	6% Chrysotile	3 Sinks
Beige 12"x12" Vinyl Floor Tiles with Black Mastic	B Building	Good – NFD	2-4% Chrysotile	2,920 ft ² **
2'x4' Drop Ceiling Tiles	B Building	Good – Friable	2% Chrysotile	12,500 ft ² **
Gypsum Wallboard with Joint Compound	B Building – Mechanical Room	Fair – NFD	2% Chrysotile	1,036 ft ² **
Light Brown 12"x12" Vinyl Floor Tiles with Black Mastic	A24, A25, A26, A27	Good – NFD	3-5% Chrysotile	4,211 ft ² **
2'x4' Drop Ceiling Tiles	A13, A18, A19, A20, A21, A22, A24, A25, A26, A27	Good – NFD	2% Chrysotile	9,474 ft ² **
Tan 9"x9" Vinyl Floor Tiles with Black Mastic	A14, A15, A16, A17	Fair – NFD	8% Chrysotile	3,828 ft ² **
Gypsum Wallboard with Joint Compound	A9 – Electrical Room	Good – NFD	2% Chrysotile	416 ft ² **
Hard Fittings on Fiberglass	Throughout Mechanical Rooms and Interstitial Spaces in A, B, & C Buildings	Fair – Friable	Presumed/ Labeled	1,600 EA **
Fire Doors	Throughout	Good – NFD	Presumed	**

** = quantity should be field verified by an abatement contractor.

NFD = non-friable unless disturbed.

Discussion of Findings

Gypsum Wallboard with Joint Compound

The gypsum wallboard and joint compound tested positive for asbestos in the Wood Shop Storage Rooms, the Mechanical Rooms of Buildings B and C, and Room A9. Gypsum wallboards are manufactured panels composed of compressed gypsum plaster. Seams are covered with tape and joint compound. It is very difficult to determine all possible varieties of gypsum wallboard and plaster in each building since these materials are obscured by paint and other finishes. Even if they test negative (no asbestos detected), other locations of these materials may contain asbestos. In the gypsum wallboard samples, asbestos is typically found in the joint compound or texture. It is non-friable unless disturbed. These materials should be removed under a full-containment negative pressure enclosure by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations (OAR 340-032-5650).

Hard Fittings on Fiberglass

Hard Fittings on insulated pipe runs are labeled as asbestos containing in the Mechanical Rooms of Building B and C and are observed to be present in the interstitial spaces above the drop ceiling in all buildings sampled. Hard Fittings are a plaster style cast, molded onto elbows or tees of piping for insulative purposes. Hard Fittings are friable material and should be removed under a full containment negative pressure enclosure by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations (OAR 340-032-5650). Hard Fittings may be hidden in walls, chases, or other areas that are inaccessible without selective demolition. If hard fittings are discovered during demolition, particularly in concealed areas, they should be presumed to contain asbestos or sampled to determine the possible presence of asbestos.

Window Glazing Compound

The window glazing compound on the original Wood Shop windows tested positive for chrysotile asbestos (See Photo Documentation). Asbestos was commonly used in window glazing and caulking to seal windows and glass panels. This material is non-friable unless disturbed and will need to be removed intact by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations (OAR 340-032-5650).

Laboratory Countertops

Laboratory countertops located in the various science classrooms of Building B tested positive for chrysotile asbestos. These countertops were made of asbestos cement due to the material being unlikely to react to chemicals and is resistant to heat and fire. Laboratory countertops are a non-friable material, unless disturbed, and should be removed by a certified abatement contractor prior to renovation and disposed of per DEQ regulations (OAR 340-032-5650).

Discussion of Findings (Continued)

Drop Ceiling Tiles

The 2'x4' drop ceiling tiles in Building B, Building D, and the east wing of Building A tested positive for chrysotile asbestos. This material is a compressed tile that contains asbestos fibers, used for thermal and acoustic insulation in buildings. This material is non-friable unless disturbed and will need to be removed under a full-containment negative pressure enclosure by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations (OAR 340-032-5650).

Pink Stainless Steel Sink Undercoating

The pink undercoating on the stainless-steel sinks located in C6 and the book room of Building C tested positive for chrysotile asbestos. Stainless-steel sink undercoating is a common material that helps maintain water temperature and condensation build up. This material is non-friable unless disturbed. This sink should be removed intact by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations (OAR 340-032-5650). Any stainless steel sinks with this pink undercoating should be presumed to contain asbestos.

Vinyl Asbestos Floor Tiles & Black Mastic

Various colors, sizes, and patterns of vinyl floor tiles were analyzed to contain 2-8% chrysotile asbestos throughout the high school (see Tables 1, 2, and Photo Documentation). Floor tile is a popular surface that is durable and provides protection against the spillage of liquids. The associated black mastic also tested positive for chrysotile asbestos. Mastics are adhesives which frequently test positive for asbestos and are used to adhere flooring to the substrate. These materials are non-friable unless disturbed. These materials will need to be removed under a full-containment negative pressure enclosure by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations (OAR 340-032-5650). All vinyl floor tiles and black mastic on site should be presumed to contain asbestos.

Fire Doors

Fire doors are present throughout the facility and are presumed to contain asbestos. Fire doors are rarely sampled because coring the material may create a risk of releasing airborne fibers. Fire doors may have a compliance tag on the door jamb stating the fire rating and a compliance date. This can provide an indication of whether the door is likely to contain asbestos. All doors with a fire rating of 20 minutes or greater must be presumed to contain asbestos. This material is classified as containing friable asbestos and should be removed intact by a certified abatement contractor prior to renovation or disturbance and disposed of per DEQ regulations. (OAR 340-032-5650).

Negative Materials

The following list briefly summarizes the negative materials found at the site. The negative materials include, but are not limited to: Yellow Carpet Mastic, Asphalt Roofing with Vapor Barrier, 12"x12" Ceiling Tiles, Fiberglass Insulation Paper Backing, Gray Sink Undercoating, Sheet Vinyl Flooring, CMU Mortar, Popcorn Ceiling Texture, Wall Plaster, Wall Mastics, BUR Cores, and Fire-rock Gypsum.

TABLE 2
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
01	Yellow Carpet Mastic	M1/M2	NAD
02	Yellow Carpet Mastic	M1/M2	NAD
03	Gypsum Wallboard with Joint Compound	M1/M2	NAD
04	Gypsum Wallboard with Joint Compound	M1/M2	NAD
05	Gypsum Wallboard with Joint Compound	M1/M2	NAD
06	2" Cove Base with Mastic	M1/M2	NAD
07	2" Cove Base with Mastic	M1/M2	NAD
08	2'x4' Drop Ceiling Tiles	M1/M2	NAD
09	2'x4' Drop Ceiling Tiles	M1/M2	NAD
10	Asphalt Roofing with Vapor Barrier	M1/M2	NAD
11	Asphalt Roofing with Vapor Barrier	M1/M2	NAD
12	Asphalt Roofing with Vapor Barrier	M3/M4	NAD
13	Asphalt Roofing with Vapor Barrier	M3/M4	NAD
14	Gypsum Wallboard with Joint Compound	M3/M4	NAD
15	Gypsum Wallboard with Joint Compound	M3/M4	NAD
16	Gypsum Wallboard with Joint Compound	M3/M4	NAD
17	Wall Paneling Mastic	M3/M4	NAD
18	Wall Paneling Mastic	M3/M4	NAD
19	2'x4' Drop Ceiling Tiles	M3/M4	NAD
20	2'x4' Drop Ceiling Tiles	M3/M4	NAD
21	Yellow Carpet Mastic	M3/M4	NAD
22	Yellow Carpet Mastic	M3/M4	NAD
23	Multi-Layered Sheet Vinyl Flooring	D5 Storage Room	NAD
24	Multi-Layered Sheet Vinyl Flooring	D5 Storage Room	NAD
25	Pale Green 12"x12" Vinyl Floor Tiles with Black Mastic	D5	Tile = 3% CHR Mastic = NAD
26	Pale Green 12"x12" Vinyl Floor Tiles with Black Mastic	D5	Tile = 3% CHR Mastic = NAD
27	Dark Green 12"x12" Vinyl Floor Tiles with Black Mastic	D5	Tile = 3% CHR Mastic = 3% CHR
28	Dark Green 12"x12" Vinyl Floor Tiles with Black Mastic	D5	Tile = 3% CHR Mastic = 3% CHR
29	12"x12" Pinhole Patterned Ceiling Tiles	D5	NAD
30	12"x12" Pinhole Patterned Ceiling Tiles	D5	NAD
31	2'x4 Drop Ceiling Tiles	D5	2% CHR
32	2'x4 Drop Ceiling Tiles	D5	2% CHR
33	Fiberglass Batt Insulation Paper Backing	D Building	NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
34	Fiberglass Batt Insulation Paper Backing	D Building	NAD
35	Red 12"x12" Vinyl Floor Tiles with Black Mastic	D4	Tile = 3% CHR Mastic = NAD
36	Red 12"x12" Vinyl Floor Tiles with Black Mastic	D4	Tile = 3% CHR Mastic = NAD
37	4" White Cove Base with Mastic	D4	NAD
38	4" White Cove Base with Mastic	D4	NAD
39	2" White Cove Base with Mastic	D5	Cove Base = NAD Mastic = 2% CHR
40	2" White Cove Base with Mastic	D5	Cove Base = NAD Mastic = 2% CHR
41	Gypsum Wallboard with Joint Compound & Surfacing Texture	D Building - Art Photo Booth	NAD
42	Gypsum Wallboard with Joint Compound & Surfacing Texture	D Building - Art Photo Booth	NAD
43	Gypsum Wallboard with Joint Compound & Surfacing Texture	D Building - Art Photo Booth	NAD
44	Gypsum Wallboard with Joint Compound	D Building – Kiln Room	NAD
45	Gypsum Wallboard with Joint Compound	D Building – Kiln Room	NAD
46	Gypsum Wallboard with Joint Compound	D Building – Kiln Room	NAD
47	2" Brown Cove Base with Mastic	D5	Cove Base = NAD Mastic = 2% CHR
48	2" Brown Cove Base with Mastic	D5	Cove Base = NAD Mastic = 2% CHR
49	Gray Sink Undercoating	D5	NAD
50	Gray Sink Undercoating	D5	NAD
51	6" Black Cove Base with Mastic	D5 Restrooms	NAD
52	6" Black Cove Base with Mastic	D5 Restrooms	NAD
53	12"x12" Flat Patterned Ceiling Tiles	D1 Storage	NAD
54	12"x12" Flat Patterned Ceiling Tiles	D1 Storage	NAD
55	Gypsum Wallboard with Joint Compound	D1	NAD
56	Gypsum Wallboard with Joint Compound	D1	NAD
57	Gypsum Wallboard with Joint Compound	D1	NAD
58	Asphalt Roofing with Vapor Barrier	D Building	NAD
59	Asphalt Roofing with Vapor Barrier	D Building	NAD
60	Decorative Wall Tile Glue Dots	D1	2% CHR
61	Decorative Wall Tile Glue Dots	D1	2% CHR
62	Unfinished Gypsum Wallboard beneath Wood Paneling	D Building	NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
63	Unfinished Gypsum Wallboard beneath Wood Paneling	D Building	NAD
64	Gypsum Wallboard with Joint Compound & Surfacing Texture	D2/D3	NAD
65	Gypsum Wallboard with Joint Compound & Surfacing Texture	D2/D3	NAD
66	Gypsum Wallboard with Joint Compound & Surfacing Texture	D2/D3	NAD
67	Gray Sink Undercoating	D2/D3	NAD
68	Gray Sink Undercoating	D2/D3	NAD
69	Gray 12"x12" Vinyl Floor Tiles with Yellow Mastic	D2/D3	NAD
70	Gray 12"x12" Vinyl Floor Tiles with Yellow Mastic	D2/D3	NAD
71	2'x4 Drop Ceiling Tiles	D2/D3	NAD
72	2'x4 Drop Ceiling Tiles	D2/D3	NAD
73	Speckled Pattern Sheet Vinyl Flooring	D2/D3	NAD
74	Speckled Pattern Sheet Vinyl Flooring	D2/D3	NAD
75	4" Brown Cove Base with Mastic	D2/D3	NAD
76	4" Brown Cove Base with Mastic	D2/D3	NAD
77	Square Block Mortar	Wood Shop Exterior	NAD
78	Square Block Mortar	Wood Shop Exterior	NAD
79	Residual Black Mastic	A32	NAD
80	Residual Black mastic	A32	NAD
81	CMU Mortar	A32/A33	NAD
82	CMU Mortar	A32/A33	NAD
83	Gypsum Wallboard with Joint Compound	A32/A33	NAD
84	Gypsum Wallboard with Joint Compound	A32/A33	NAD
85	Gypsum Wallboard with Joint Compound	A32/A33	NAD
86	HVAC Seam Tape	Wood Shop	NAD
87	HVAC Seam Tape	Wood Shop	NAD
88	Blue 9"x9" Vinyl Floor Tiles with Black Mastic	Wood Shop – Locker Room	Tile = 3% CHR Mastic = 4% CHR
89	Blue 9"x9" Vinyl Floor Tiles with Black Mastic	Wood Shop – Locker Room	Tile = 3% CHR Mastic = 4% CHR
90	White 9"x9" Vinyl Floor Tiles with Black Mastic	Wood Shop – Single Bathroom	Tile = 3% CHR Mastic = NAD
91	White 9"x9" Vinyl Floor Tiles with Black Mastic	Wood Shop – Single Bathroom	Tile = 3% CHR Mastic = NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
92	Tan 12"x12" Vinyl Floor Tiles with Yellow/Brown Mastic	Wood Shop Classroom	NAD
93	Tan 12"x12" Vinyl Floor Tiles with Yellow/Brown Mastic	Wood Shop Classroom	NAD
94	4" Brown Cove Base with Mastic	Wood Shop	NAD
95	4" Brown Cove Base with Mastic	Wood Shop	NAD
96	Exterior Window Glazing	A31	2% CHR
97	Exterior Window Glazing	A31	NAD
98	Fiberboard with Black Mastic on Gypsum Wallboard	Wood Shop – Electrical Room	NAD
99	Fiberboard with Black Mastic on Gypsum Wallboard	Wood Shop – Electrical Room	NAD
100	Fiberboard with Black Mastic on Gypsum Wallboard	Wood Shop – Electrical Room	NAD
101	12"x12" Holed Patterned Ceiling Tiles with Glue Dots	Wood Shop	NAD
102	12"x12" Holed Patterned Ceiling Tiles with Glue Dots	Wood Shop	NAD
103	Gypsum Wallboard with Joint Compound & Black Wall Mastic	Wood Shop – Storage Room	2% CHR
104	Gypsum Wallboard with Joint Compound & Black Wall Mastic	Wood Shop – Storage Room	2% CHR
105	Gypsum Wallboard with Joint Compound & Black Wall Mastic	Wood Shop – Storage Room	2% CHR
106	Popcorn Ceiling Texture	Wood Shop Classroom	NAD
107	Popcorn Ceiling Texture	Wood Shop Classroom	NAD
108	Popcorn Ceiling Texture	Wood Shop Classroom	NAD
109	Unfinished Gypsum Wallboard	Wood Shop 2 nd Floor	NAD
110	Unfinished Gypsum Wallboard	Wood Shop 2 nd Floor	NAD
111	Unfinished Gypsum Wallboard	Wood Shop 2 nd Floor	NAD
112	Plaster with Black Mastic over Gypsum Wallboard	A30	NAD
113	Plaster with Black Mastic over Gypsum Wallboard	A30	NAD
114	Plaster with Black Mastic over Gypsum Wallboard	A30	NAD
115	Gypsum Wallboard with Joint Compound & Surfacing Texture	A30	NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
116	Gypsum Wallboard with Joint Compound & Surfacing Texture	A30	NAD
117	Gypsum Wallboard with Joint Compound & Surfacing Texture	A30	NAD
118	Brown Wall Mastic (Behind Chalkboards)	A30	NAD
119	Brown Wall Mastic (Behind Chalkboards)	A30	NAD
120	Asphalt Roofing with Vapor Barrier	Wood Shop Exterior	NAD
121	Asphalt Roofing with Vapor Barrier	Wood Shop Exterior	NAD
122	Roofing Core	Walkway Exterior	NAD
123	Roofing Core	Walkway Exterior	NAD
124	Roofing Core	B Building	NAD
125	Roofing Core	B Building	NAD
126	Roofing Core	C Building	NAD
127	Roofing Core	C Building	NAD
128	Roofing Core	A Building	NAD
129	Roofing Core	A Building	NAD
130	12"x12" Beige Vinyl Floor Tiles with Black Mastic	C Building	Tile = 3% CHR Mastic = 4% CHR
131	12"x12" Beige Vinyl Floor Tiles with Black Mastic	C Building	Tile = 3% CHR Mastic = 4% CHR
132	Black Laboratory Countertops	C Building	20% CHR
133	Black Laboratory Countertops	C Building	20% CHR
134	Cement Block Mortar	C Building	NAD
135	Cement Block Mortar	C Building	NAD
136	4" Black Cove Base with Brown Mastic	C Building	NAD
137	4" Black Cove Base with Brown Mastic	C Building	NAD
138	2'x4' Drop Ceiling Tiles	C Building	NAD
139	2'x4' Drop Ceiling Tiles	C Building	NAD
140	Pale Black/Gray Lab Countertops	C Building	20% CHR
141	Pale Black/Gray Lab Countertops	C Building	20% CHR
142	Yellow Carpet Mastic	C Building – Book Room	NAD
143	Yellow Carpet Mastic	C Building – Book Room	NAD
144	Gypsum Wallboard with Joint Compound	C4	NAD
145	Gypsum Wallboard with Joint Compound	C11	NAD
146	Gypsum Wallboard with Joint Compound	C3	NAD
147	Gypsum Wallboard with Joint Compound	C Building – Book Room	NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
148	Gypsum Wallboard with Joint Compound	C1	NAD
149	Gypsum Wallboard with Joint Compound	C7	NAD
150	Gypsum Wallboard with Joint Compound	C14	NAD
151	Gypsum Wallboard with Joint Compound	C Building – Mechanical Room	NAD
152	Gypsum Wallboard with Joint Compound	C Building – Mechanical Room	2% CHR
153	Gypsum Wallboard with Joint Compound	C Building – Mechanical Room	2% CHR
154	Pink Sink Undercoating	C6	6% CHR
155	Pink Sink Undercoating	C Building – Book Room	6% CHR
156	Yellow Carpet Mastic	B Building	NAD
157	Yellow Carpet Mastic	B Building	NAD
158	12"x12" Tan Vinyl Floor Tiles with Black Mastic	B Building	Tile = 2% CHR Mastic = 4% CHR
159	12"x12" Tan Vinyl Floor Tiles with Black Mastic	B Building	Tile = 2% CHR Mastic = 4% CHR
160	Black Sink Undercoating	B3	NAD
161	Black Sink Undercoating	B3	NAD
162	4" Black Cove Base with Mastic	B Building	NAD
163	4" Black Cove Base with Mastic	B Building	NAD
164	2'x4' Drop Ceiling Tiles	B Building	2% CHR
165	2'x4' Drop Ceiling Tiles	B Building	2% CHR
166	Square Block Mortar	B Building	NAD
167	Square Block Mortar	B Building	NAD
168	Gypsum Wallboard with Joint Compound	B3	NAD
169	Gypsum Wallboard with Joint Compound	B1	NAD
170	Gypsum Wallboard with Joint Compound	B9	NAD
171	Gypsum Wallboard with Joint Compound	B8	NAD
172	Gypsum Wallboard with Joint Compound	B6	NAD
173	Gypsum Wallboard with Joint Compound	B7	NAD
174	Gypsum Wallboard with Joint Compound	B5	NAD
175	Gypsum Wallboard with Joint Compound	B Building – Mechanical Room	2% CHR
176	Gypsum Wallboard with Joint Compound	B Building – Mechanical Room	2% CHR
177	Gypsum Wallboard with Joint Compound	B Building – Mechanical Room	2% CHR

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
178	Roofing Core	Wood Shop – Flat Roof	NAD
179	Roofing Core	Wood Shop – Flat Roof	NAD
180	9"x9" Light Brown Floor Tiles with Black Mastic	A24-A27	Tile = 3% CHR Mastic = 5% CHR
181	9"x9" Light Brown Floor Tiles with Black Mastic	A24-A27	Tile = 3% CHR Mastic = 5% CHR
182	2'x4' Drop Ceiling Tiles	A24-A27	2% CHR
183	2'x4' Drop Ceiling Tiles	A24-A27	2% CHR
184	12"x12" White Floor Tiles with Black Mastic	A22	NAD
185	12"x12" White Floor Tiles with Black Mastic	A22	NAD
186	Fire Resistant Gypsum Wallboard	A Hallway	NAD
187	Fire Resistant Gypsum Wallboard	A Hallway	NAD
188	12"x12" Ceiling Tiles with Glue Dots	A Hallway	NAD
189	12"x12" Ceiling Tiles with Glue Dots	A Hallway	NAD
190	Gypsum Wallboard with Joint Compound	Mechanical Room above A23	NAD
191	Gypsum Wallboard with Joint Compound	Mechanical Room above A23	NAD
192	Gypsum Wallboard with Joint Compound	A23	NAD
193	Gypsum Wallboard with Joint Compound	A25	NAD
194	6" Black Cove Base with Mastic	A20	NAD
195	6" Black Cove Base with Mastic	A21	NAD
196	4" Gray Cove Base with Mastic	A Hallway	NAD
197	4" Gray Cove Base with Mastic	A Hallway	NAD
198	4" Brown Cove Base with Mastic	A26	NAD
199	4" Brown Cove Base with Mastic	A26	NAD
200	Gypsum Wallboard with Joint Compound	A18	NAD
201	Gypsum Wallboard with Joint Compound	A19	NAD
202	Gypsum Wallboard with Joint Compound	Mechanical Room above A Hallway	NAD
203	Gypsum Wallboard with Joint Compound	Mechanical Room above A Hallway	NAD
204	Yellow Carpet Mastic	A23	NAD
205	Yellow Carpet Mastic	A23	NAD
206	Ceramic Tile Grout	A Building Bathrooms	NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

TABLE 2 (Continued)
ASBESTOS SAMPLING INVENTORY
Sweet Home High School

Sample #	Material Description	Location	Results
207	Ceramic Tile Grout	A Building Bathrooms	NAD
208	9"x9" Floor Tiles with Black Mastic	A17	Tile = 8% CHR Mastic = Presumed
209	9"x9" Floor Tiles with Black Mastic	A17	Tile = 8% CHR Mastic = Presumed
210	Gypsum Wallboard with Joint Compound	A Hallway	NAD
211	4" Black Cove Base with Mastic	A20	NAD
212	4" Black Cove Base with Mastic	A20	NAD
213	Gypsum Wallboard with Joint Compound	A9	2% CHR
214	Gypsum Wallboard with Joint Compound	A2	NAD
215	Gypsum Wallboard with Joint Compound	A3	NAD
216	2'x4' Drop Ceiling Tiles	A Hallway	NAD
217	2'x4' Drop Ceiling Tiles	A Hallway	NAD

NAD: No Asbestos Detected

CHR: Chrysotile Asbestos

LEAD PAINT INSPECTION SUMMARY

Paint was sampled for lead at Sweet Home High School. Kelsay Environmental sampled painted exterior surfaces. The sampling was performed to ensure demolition and renovation procedures are OSHA compliant. Based upon the general age of the structure, all painted surfaces at the site should be presumed to contain some lead. All demolition and renovation activities must be performed in accordance with OR-OSHA 1926.62 requirements for the safe handling of lead-containing materials.

Samples collected by Kelsay Environmental were analyzed by RJ Lee Group using EPA Method 3050B/EPA 6010C-Paint. The following are the results according to the paint color:

TABLE 3
LEAD CONTAINING PAINT SAMPLING INVENTORY
Sweet Home High School

Sample #	Paint Description	Location	Results (ppm)
1001	Gray	M1-M4 Exterior	< 12.1
1002	Gray	Building D Exterior	500
1003	Gray	Wood Shop Exterior	50,700
1004	Gray	Covered Walkways	14.9
1005	Gray	C3 Exterior	385
1006	Gray	Building C Exterior	397
1007	Gray	Building B Exterior	< 12.5
1008	Gray	Building A Exterior	815

> 1.0 mg/cm² or 5,000 ppm (parts per million) is considered lead-based paint under EPA regulations.
< = indicates results below the laboratory's analytical level of detection

Based on the 1958 date of construction for the school, lead-based paints are presumed to be present, and compliance with EPA lead renovator rules is required. Buildings constructed prior to 1978 likely have painted surfaces that should be presumed positive for lead-based paint. If lead is present in any amount, compliance with OSHA 1926.62 is required for all demolition and renovation activities as it is associated with lead-containing surfaces. According to the Department of Environmental Quality (DEQ) Policy 1997-PO-002A, building demolition debris that may contain lead-based paint can be disposed of at a permitted solid waste landfill which meets current municipal solid waste disposal.

In addition, children of target age are present at the site, best work practice includes compliance with EPA Lead RRP rules and regulations.

PCB BALLAST/ MERCURY VAPOR TUBES INSPECTION SUMMARY

Light fixtures may have ballasts that contain Polychlorinated biphenyls (PCBs) and all light tubes are presumed to contain mercury. During demolition activities, all light fixtures will need to be checked to ensure that the ballasts do not have PCB's and fluorescent lights do not contain mercury vapor tubes. PCB ballasts and mercury vapor tubes are strictly regulated for disposal by the EPA under the Toxic Substances Control Act (TSCA).

PCBs are often found in light fixtures and transformers. Production in the United States stopped in 1977, as they were found to be hazardous to human health and the environment. During demolition activities, all light fixtures will need to be checked to ensure that all ballasts are non-PCB. Ballasts with concentrations of PCBs of 50 parts per million (PPM) or greater are strictly regulated for disposal by the EPA under the Toxic Substances Control Act (TSCA).

Mercury vapor tubes are found in fluorescent lights and can become hazardous if they break. Storage containers for tubes must be closed, structurally sound, compatible with mercury, and must lack evidence of leakage, spillage, or damage. Ensure that the work area is well ventilated and monitored in the event of breakage. Have emergency cleanup equipment available on site in accordance with 40 CFR 262.34.



Photo 1 – D5: 12"x12" Green Vinyl Floor Tiles with Black Mastic = 3% Chrysotile Asbestos

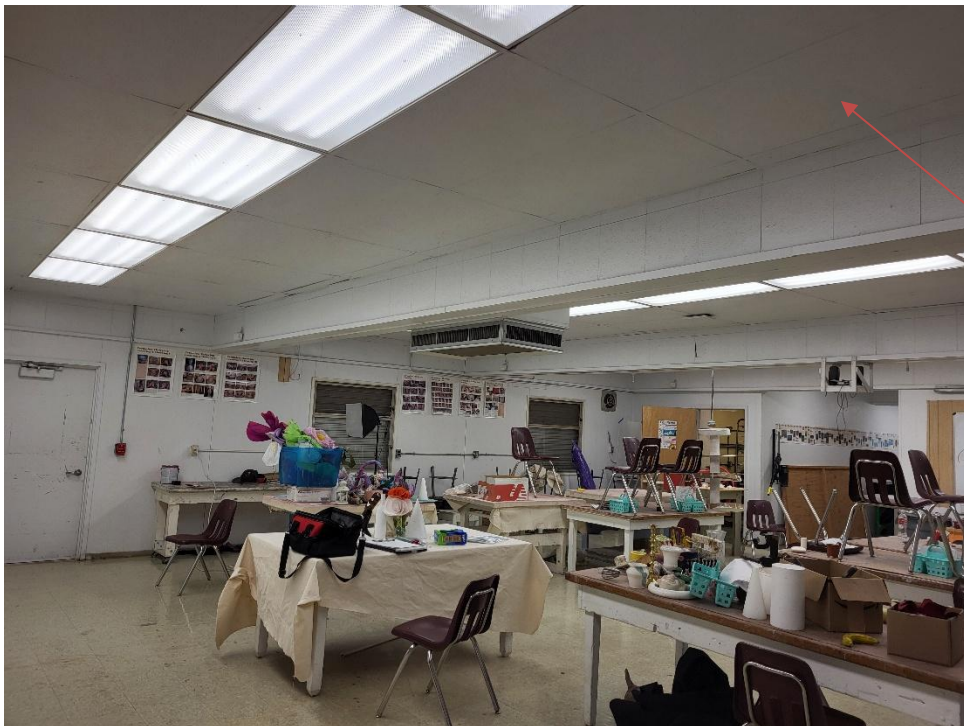


Photo 2 – D5: 2'x4' Drop Ceiling Tiles = 2% Chrysotile Asbestos



Photo 3 – D1: Brown Mastic Glue Dots (Behind Decorative Tiles) = 2% Chrysotile Asbestos

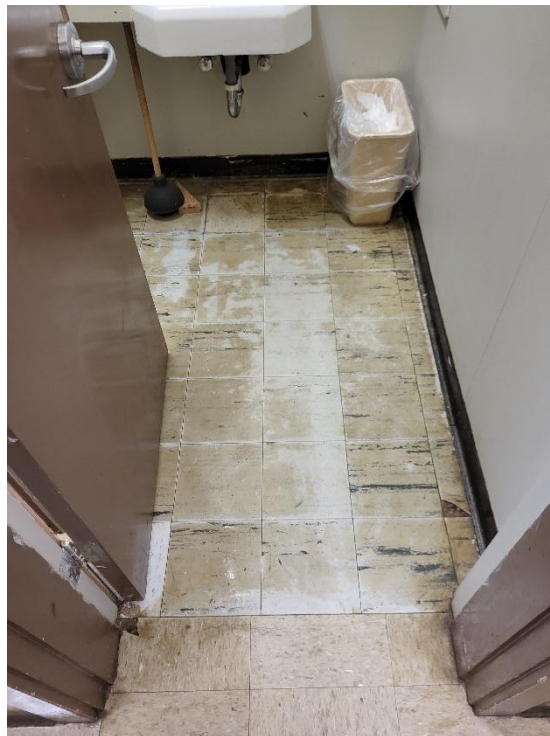


Photo 4 – Wood Shop Single Bathroom: 9"x9" White Vinyl Floor Tiles = 3% Chrysotile Asbestos

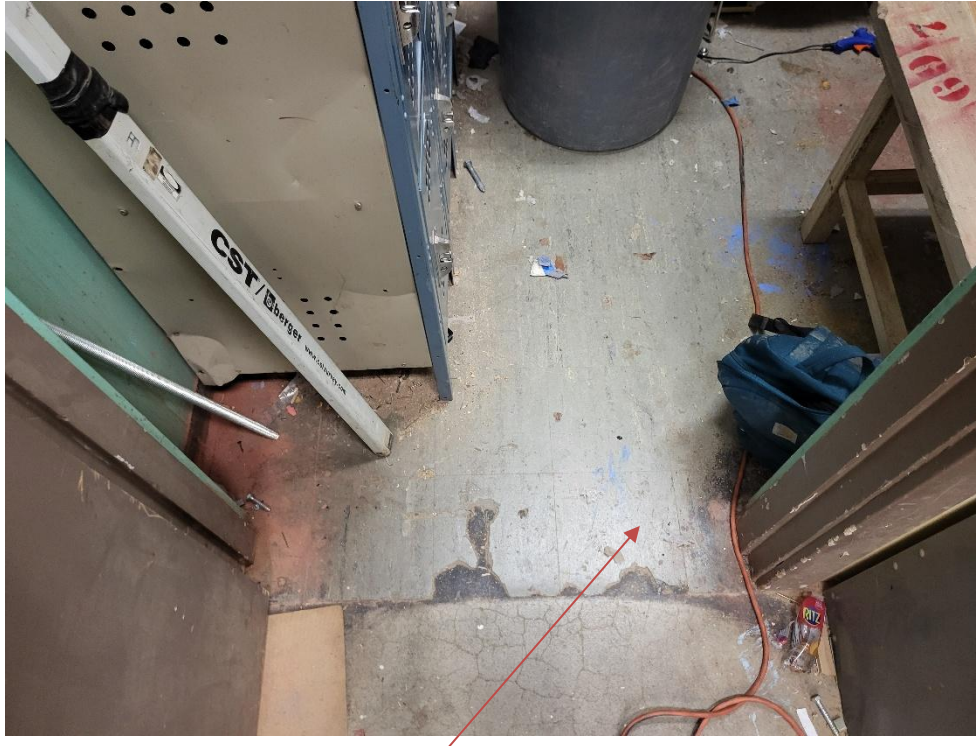


Photo 5 – Wood Shop Locker Room: 9"x9" Blue Vinyl Floor Tiles with Black Mastic = 3-4% Chrysotile Asbestos



Photo 6 – Building B Mechanical Room: Hard Fittings = Asbestos Containing Material



Photo 7 – Building B Mechanical Room: Hard Fittings = Asbestos Containing Material



Photo 8 – Building B and C Mechanical Rooms: Gypsum Wallboard with Joint Compound =
2% Chrysotile Asbestos



Photo 9 – Wood Shop: Window Glazing = 2% Chrysotile Asbestos



Photo 10 – D4: Red Vinyl Floor Tiles = 3% Chrysotile Asbestos



Photo 11 – Wood Shop Storage Room: Gypsum Wallboard with Joint Compound & Black Wall Mastic = 2% Chrysotile Asbestos

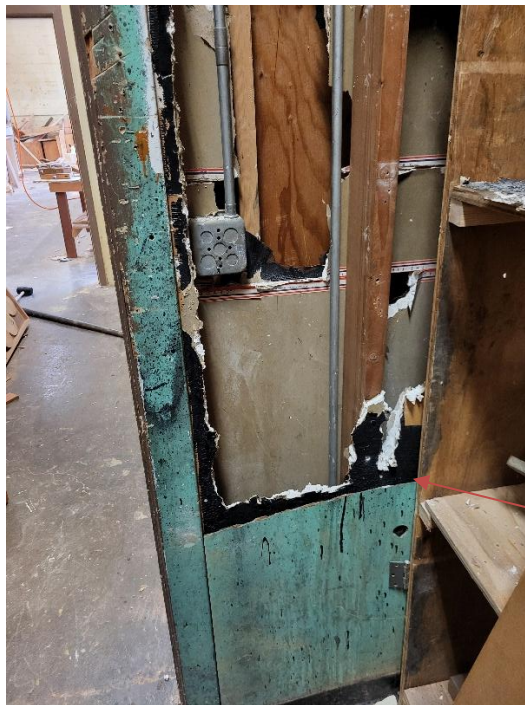


Photo 12 – Wood Shop Storage Room: Gypsum Wallboard with Joint Compound & Black Wall Mastic = 2% Chrysotile Asbestos



Photo 13 – C Building: Beige 12"x12" Vinyl Floor Tiles with Black Mastic = 3-4% Chrysotile Asbestos



Photo 14 – B Building: Beige 12"x12" Vinyl Floor Tiles with Black Mastic = 2-4% Chrysotile Asbestos



Photo 15 – B Building: 2'x4' Drop Ceiling Tiles = 2% Chrysotile Asbestos



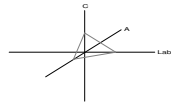
Photo 16 – A Building (East Block): 2'x4' Drop Ceiling Tiles = 2% Chrysotile Asbestos



Photo 17 – A16: 9"x9" Vinyl Floor Tiles with Black Mastic = 8% Chrysotile Asbestos



Photo 18 – A24: 9"x9" Vinyl Floor Tiles with Black Mastic = 3-5% Chrysotile Asbestos



Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Kelsay Environmental

833 SE Main St. Ste 410
Portland, OR 97214

Attn: Brad Kelsay

Customer Project: Sweet Home HS
Reference #: CBR25042823

Date: 4/24/2025

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved)). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found by PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite-vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

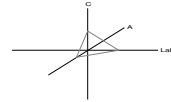
Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as ≤1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one of these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.



Overview of Project Sample Material Containing Asbestos

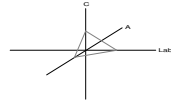
Customer Project:		CA Labs Project #:	
Sweet Home HS		CBR25042823	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types
025	025-1	Tan Floor Tile	3% Chrysotile
026	026-1	Tan Floor Tile	3% Chrysotile
027	027-1	Green Floor Tile	3% Chrysotile
	027-2	Black Mastic	3% Chrysotile
028	028-1	Green Floor Tile	3% Chrysotile
	028-2	Black Mastic	3% Chrysotile
031	031-1	Gray Ceiling Tile	2% Chrysotile
032	032-1	Gray Ceiling Tile	2% Chrysotile

Tan Floor Tile
Green Floor Tile
Black Mastic
Gray Ceiling Tile
Brown Floor Tile
Tan Mastic
Brown Mastic
Gray Floor Tile

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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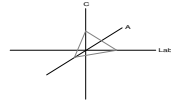
Overview of Project Sample Material Containing Asbestos

Customer Project:		Sweet Home HS			CA Labs Project #:	CBR25042823
Sample #	Layer #	Analysts	Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
035	035-1		Brown Floor Tile	3% Chrysotile		
036	036-1		Brown Floor Tile	3% Chrysotile		
039	039-2		Tan Mastic	2% Chrysotile		
040	040-2		Tan Mastic	2% Chrysotile		
047	047-2		Black Mastic	2% Chrysotile		
048	048-2		Brown Mastic	2% Chrysotile		
060	060-1		Brown Mastic	2% Chrysotile		
061	061-1		Brown Mastic	2% Chrysotile		

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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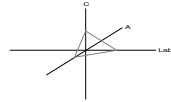
Overview of Project Sample Material Containing Asbestos

Customer Project:		Sweet Home HS			CA Labs Project #:	CBR25042823
Sample #	Layer #	Analysts	Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
088	088-1		Gray Floor Tile	3% Chrysotile		
	088-2		Black Mastic	4% Chrysotile		
089	089-1		Gray Floor Tile	3% Chrysotile		
	089-2		Black Mastic	4% Chrysotile		
090	090-1		Tan Floor Tile	3% Chrysotile		
091	091-1		Tan Floor Tile	3% Chrysotile		
096	096-1		Gray Sealant	2% Chrysotile		
103	103-1		White Compound	2% Chrysotile		

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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Overview of Project Sample Material Containing Asbestos

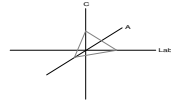
Customer Project:	Sweet Home HS		CA Labs Project #:	CBR25042823
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types

		White Compound Beneath 103-2 Tape	2% Chrysotile
104	104-1	White Surfaced White Compound	2% Chrysotile
105	105-1	White Surfaced White Compound	2% Chrysotile
130	130-1	Tan Floor Tile	3% Chrysotile
	130-2	Black Mastic	4% Chrysotile
131	131-1	Tan Floor Tile	3% Chrysotile
	131-2	Black Mastic	4% Chrysotile
132	132-1	Black Countertop	20% Chrysotile

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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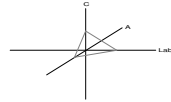
Overview of Project Sample Material Containing Asbestos

Customer Project:		Sweet Home HS		CA Labs Project #: CBR25042823	
Sample #	Layer #	Analysts	Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
133	133-1		Black Countertop	20% Chrysotile	
140	140-1		Black Countertop	20% Chrysotile	
141	141-1		Black Countertop	20% Chrysotile	
152	152-1		Tan Compound	2% Chrysotile	
153	153-1		Tan Compound	2% Chrysotile	
154	154-1		Pink Sealant	6% Chrysotile	
155	155-1		Pink Sealant	6% Chrysotile	
158	158-1		Tan Floor Tile	2% Chrysotile	

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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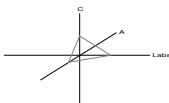
Overview of Project Sample Material Containing Asbestos

Customer Project:		Sweet Home HS			CA Labs Project #:	CBR25042823
Sample #	Layer #	Analysts	Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	
			158-2 Black Mastic	4% Chrysotile		
159			159-1 Tan Floor Tile	2% Chrysotile		
			159-2 Black Mastic	4% Chrysotile		
164			164-1 Gray Ceiling Tile	2% Chrysotile		
165			165-1 Gray Ceiling Tile	2% Chrysotile		
175			175-1 Tan Surfaced White Compound	2% Chrysotile		
176			176-1 Tan Surfaced White Compound	2% Chrysotile		
177			177-1 Tan Surfaced White Compound	2% Chrysotile		

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastinite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25042823

Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
001		001-1	Tan Mastic	Y	None Detected		100% qu, bi
002		002-1	Tan Mastic	Y	None Detected		100% qu, bi
003		003-1	White Surfacing	Y	None Detected		100% qu, bi
		003-2	Gray Drywall	Y	None Detected	2% ce	98% qu, gy
004		004-1	White Drywall	Y	None Detected	2% ce	98% qu, gy
005		005-1	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
006		006-1	Brown Cove Base	Y	None Detected		100% qu, ma

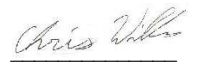
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

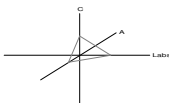

David Darby
Analyst

Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages effecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25042823

Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			006-2 Tan Mastic	Y	None Detected		100% qu, bi
007			007-1 Brown Cove Base	Y	None Detected		100% qu, ma
			007-2 Tan Mastic	Y	None Detected		100% qu, bi
008			008-1 Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe
009			009-1 Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe
010			010-1 Black Shingle with Black Gravel	Y	None Detected	70% fg	30% qu, ma, bi
011			011-1 Black Shingle with Black Gravel	Y	None Detected	70% fg	30% qu, ma, bi

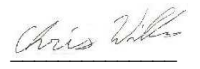
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

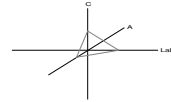

David Darby
Analyst

Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

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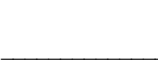
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
012		012-1	Black Shingle with Black Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		012-2	Black Felt	Y	None Detected	80% ce	20% qu, ma, bi
013		013-1	Black Shingle with Black Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		013-2	Black Felt	Y	None Detected	80% ce	20% qu, ma, bi
014		014-1	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
015		015-1	White Covering	Y	None Detected		100% qu, ma
		015-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

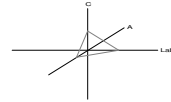

David Darby
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Alicia Stretz


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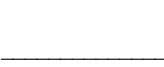
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
016		016-1	White Covering	Y	None Detected		100% qu, ma
		016-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
017		017-1	Tan Mastic	Y	None Detected		100% qu, bi
018		018-1	Tan Mastic	Y	None Detected		100% qu, bi
019		019-1	Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe
020		020-1	Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe
021		021-1	Tan Mastic	Y	None Detected		100% qu, bi

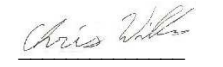
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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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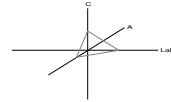

David Darby
Analyst


Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

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Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
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Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
022		022-1	Tan Mastic	Y	None Detected		100% qu, bi
023		023-1	Tan Linoleum	Y	None Detected	20% ce	80% qu, ma
		023-2	Gray Linoleum	Y	None Detected	20% ce	80% qu, ma
		023-3	Gray Linoleum	Y	None Detected	20% ce	80% qu, ma
024		024-1	Tan Linoleum	Y	None Detected	20% ce	80% qu, ma
		024-2	Gray Linoleum	Y	None Detected	20% ce	80% qu, ma
		024-3	Gray Linoleum	Y	None Detected	20% ce	80% qu, ma

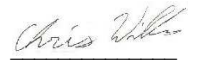
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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
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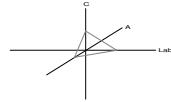

David Darby
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Senior Analyst
Alicia Stretz


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Chris Williams

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Phone # 503-705-0514
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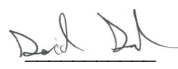
Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
025		025-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		025-2	Black Mastic	Y	None Detected	6% ce	94% qu, bi
026		026-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		026-2	Black Mastic	Y	None Detected	6% ce	94% qu, bi
027		027-1	Green Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		027-2	Black Mastic	Y	3% Chrysotile		97% qu, bi
028		028-1	Green Floor Tile	Y	3% Chrysotile		97% qu, ma, ca

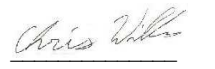
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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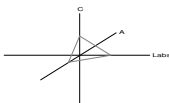

David Darby
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Senior Analyst
Alicia Stretz


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Chris Williams

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Turnaround Time: 5 day

Date: 4/24/2025
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Date Of Sampling:
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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			028-2 Black Mastic	Y	3% Chrysotile		97% qu, bi
029			029-1 White Surfacing	Y	None Detected		100% qu, bi
			029-2 Brown Ceiling Tile	Y	None Detected	80% ce	20% qu, ma
030			030-1 White Surfacing	Y	None Detected		100% qu, bi
			030-2 Brown Ceiling Tile	Y	None Detected	80% ce	20% qu, ma
031			031-1 Gray Ceiling Tile	Y	2% Chrysotile	15% fg 50% ce	33% qu, ma, pe
032			032-1 Gray Ceiling Tile	Y	2% Chrysotile	15% fg 50% ce	33% qu, ma, pe

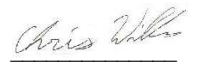
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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
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Approved Signatories:

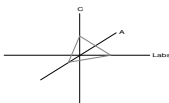

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Alicia Stretz


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Date: 4/24/2025
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Sample #	Com ment	Layer #	Analysts Physical Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
033		033-1	Black Felt	Y	None Detected	80% ce	20% qu, ma, bi
034		034-1	Brown Felt	Y	None Detected	80% ce	20% qu, ma, bi
035		035-1	Brown Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		035-2	Black Mastic	Y	None Detected		100% qu, bi
036		036-1	Brown Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		036-2	Black Mastic	Y	None Detected		100% qu, bi
037			White Surfaced Black Cove				
		037-1	Base	N	None Detected		100% qu, ma, bi

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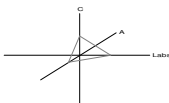
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			037-2 Brown Mastic	Y	None Detected		100% qu, bi
038			White Surfaced Black Cove 038-1 Base	N	None Detected		100% qu, ma, bi
			038-2 Brown Mastic	Y	None Detected		100% qu, bi
039			039-1 Tan Cove Base	Y	None Detected		100% qu, ma
			039-2 Tan Mastic	Y	2% Chrysotile		98% qu, bi
040			040-1 Tan Cove Base	Y	None Detected		100% qu, ma
			040-2 Tan Mastic	Y	2% Chrysotile		98% qu, bi

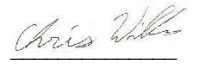
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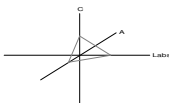

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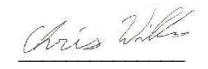
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
041			<i>Blue Surfaced White Finishing</i> 041-1 Plaster	N	None Detected		100% qu, ma, bi, ca
			041-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
042			<i>Blue Surfaced White Finishing</i> 042-1 Plaster	N	None Detected		100% qu, ma, bi, ca
			042-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
043			<i>Blue Surfaced White Finishing</i> 043-1 Plaster	N	None Detected		100% qu, ma, bi, ca
044			044-1 White Compound	Y	None Detected		100% qu, mi, ca
045			045-1 White Compound	Y	None Detected		100% qu, mi, ca

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gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

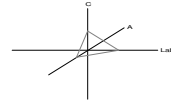
Approved Signatories:


David Darby
Analyst


Senior Analyst
Alicia Stretz
Laboratory Director
Chris Williams

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Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25042823

Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

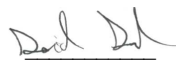
Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
046		046-1	White Compound	Y	None Detected		100% qu, mi, ca
047		047-1	Tan Cove Base	Y	None Detected		100% qu, ma
		047-2	Black Mastic	Y	2% Chrysotile		98% qu, bi
048		048-1	Tan Cove Base	Y	None Detected		100% qu, ma
		048-2	Brown Mastic	Y	2% Chrysotile		98% qu, bi
049		049-1	Gray Sealant	Y	None Detected	6% ce	94% qu, ma
050		050-1	Gray Sealant	Y	None Detected	6% ce	94% qu, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

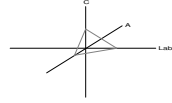

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Alicia Stretz


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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
051		051-1	Black Cove Base	Y	None Detected		100% qu, ma
		051-2	Tan Mastic	Y	None Detected		100% qu, bi
052		052-1	Black Cove Base	Y	None Detected		100% qu, ma
		052-2	Tan Mastic	Y	None Detected		100% qu, bi
053		053-1	White Ceiling Tile	Y	None Detected	80% ce	20% qu, ma
054		054-1	White Ceiling Tile	Y	None Detected	80% ce	20% qu, ma
055		055-1	White Compound	Y	None Detected		100% qu, mi, ca

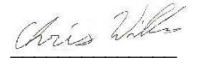
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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

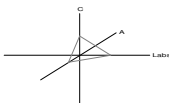

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056		056-1	White Compound	Y	None Detected		100% qu, mi, ca
057		057-1	White Surfacing	Y	None Detected		100% qu, bi, ca
		057-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
058		058-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		058-2	Black Felt	Y	None Detected	80% ce	20% qu, ma, bi
059		059-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		059-2	Black Felt	Y	None Detected	80% ce	20% qu, ma, bi

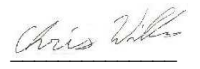
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ma - matrix	qu - quartz	sy - synthetic	

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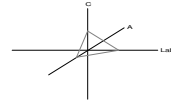

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Date: 4/24/2025
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Purchase Order #: 1641

Sample #	Comment	Layer #	Analysts Physical Description of Subsample	Homo-geneous (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
060	060-1	Brown Mastic		Y	2% Chrysotile		98% qu, bi
061	061-1	Brown Mastic		Y	2% Chrysotile		98% qu, bi
062	062-1	White Drywall with Paper		N	None Detected	10% ce	90% qu, gy
063	063-1	White Drywall with Paper		N	None Detected	10% ce	90% qu, gy
064	064-1	Tan Surfaced White Compound		N	None Detected		100% qu, mi, bi, ca
065	065-1	Tan Surfaced White Compound		N	None Detected		100% qu, mi, bi, ca
066	066-1	Tan Surfaced White Compound		N	None Detected		100% qu, mi, bi, ca

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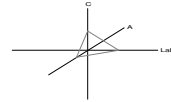

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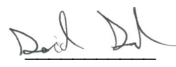
Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
067		067-1	Gray Sealant	Y	None Detected	3% ce	97% qu, ma, ca
068		068-1	Gray Floor Tile	Y	None Detected		100% qu, ca
		068-2	Tan Mastic	Y	None Detected		100% qu, bi
069		069-1	Gray Floor Tile	Y	None Detected		100% qu, ca
		069-2	Tan Mastic	Y	None Detected		100% qu, bi
070		070-1	Gray Floor Tile	Y	None Detected		100% qu, ca
		070-2	Tan Mastic	Y	None Detected		100% qu, bi

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ma - matrix	qu - quartz	sy - synthetic	

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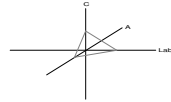

David Darby
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Alicia Stretz


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Customer Project:
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CA Labs Project #:
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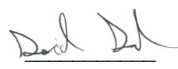
Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
071		071-1	Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe
072		072-1	Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe
073		073-1	Gray Floor Tile	Y	None Detected		100% qu, ma
		073-2	Tan Mastic	Y	None Detected		100% qu, bi
074		074-1	Gray Floor Tile	Y	None Detected		100% qu, ma
		074-2	Tan Mastic	Y	None Detected		100% qu, bi
075		075-1	Tan Cove Base	Y	None Detected		100% qu, ma

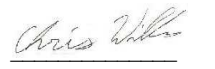
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
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ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
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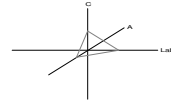

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Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
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Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			075-2 White Mastic	Y	None Detected		100% qu, bi
076			076-1 Tan Cove Base	Y	None Detected		100% qu, ma
			076-2 White Mastic	Y	None Detected		100% qu, bi
077			077-1 Gray Surfaced Gray Mortar	N	None Detected		100% qu, ma, bi, ca
078			078-1 Gray Surfaced Gray Mortar	N	None Detected		100% qu, ma, bi, ca
079			079-1 Black Mastic	Y	None Detected		100% qu, bi
080			080-1 Black Mastic	Y	None Detected		100% qu, bi

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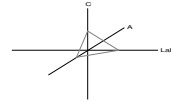

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081		081-1	Gray Mortar	Y	None Detected		100% qu, ma, ca
082		082-1	Gray Mortar	Y	None Detected		100% qu, ma, ca
083		083-1	White Compound	Y	None Detected		100% qu, mi, ca
			White Compound Beneath				
		083-2	Tape	Y	None Detected		100% qu, mi, ca
		083-3	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
084		084-1	White Compound	Y	None Detected		100% qu, mi, ca
		084-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

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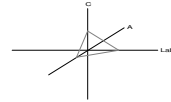

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085		085-1	White Compound	Y	None Detected		100% qu, mi, ca
		085-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
086		086-1	Tan Wrap	Y	None Detected	80% ce	20% qu, ma
087		087-1	Tan Wrap	Y	None Detected	80% ce	20% qu, ma
088		088-1	Gray Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		088-2	Black Mastic	Y	4% Chrysotile		96% qu, bi
089		089-1	Gray Floor Tile	Y	3% Chrysotile		97% qu, ma, ca

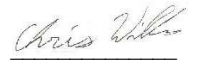
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ma - matrix	qu - quartz	sy - synthetic	

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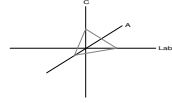

David Darby
Analyst

Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

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5. Not enough sample to analyze

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9. < 1% Result point counted positive
10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25042823

Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Subsample	Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
				089-2 Black Mastic	Y	4% Chrysotile		96% qu, bi
090				090-1 Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
				090-2 Black Mastic	Y	None Detected		100% qu, bi
091				091-1 Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
				091-2 Black Mastic	Y	None Detected		100% qu, bi
092				092-1 Tan Floor Tile	Y	None Detected		100% qu, ma, ca
				092-2 Tan Mastic	Y	None Detected		100% qu, bi

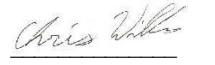
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

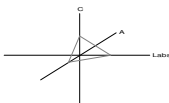

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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
093		093-1	Tan Floor Tile	Y	None Detected		100% qu, ma, ca
		093-2	Tan Mastic	Y	None Detected		100% qu, bi
094		094-1	Brown Cove Base	Y	None Detected		100% qu, ma
		094-2	Brown Mastic	Y	None Detected	3% wo	97% qu, bi
095		095-1	Brown Cove Base	Y	None Detected		100% qu, ma
		095-2	Brown Mastic	Y	None Detected	3% wo	97% qu, bi
096		096-1	Gray Sealant	Y	2% Chrysotile		98% qu, ma, ca

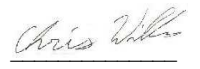
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

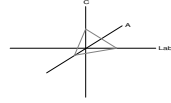

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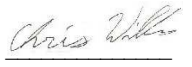
Sample #	Com ment	Layer #	Analysts Physical Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
097		097-1	White Sealant		Y	None Detected		100% qu, ma
098		098-1	White Surfaced Brown Paneling		N	None Detected	80% ce	20% qu, ma, bi
		098-2	Black Mastic		Y	None Detected		100% qu, bi
		098-3	White Drywall with Paper		N	None Detected	10% ce	90% qu, gy
099		099-1	White Surfaced Brown Paneling		N	None Detected	80% ce	20% qu, ma, bi
		099-2	Black Mastic		Y	None Detected		100% qu, bi
		099-3	White Drywall with Paper		N	None Detected	10% ce	90% qu, gy

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

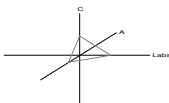
Approved Signatories:


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Analyst


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Alicia Stretz
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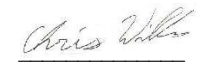
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
100			White Surfaced Brown 100-1 Paneling	N	None Detected	80% ce	20% qu, ma, bi
			100-2 Black Mastic	Y	None Detected		100% qu, bi
			100-3 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
101			101-1 White Surfacing	N	None Detected		100% qu, bi
			101-2 Brown Ceiling Tile	Y	None Detected	90% ce	10% qu, ma
			101-3 Brown Mastic	Y	None Detected		100% qu, bi
102			102-1 White Surfacing	N	None Detected		100% qu, bi

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ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

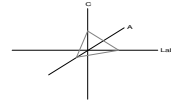
Approved Signatories:


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Alicia Stretz
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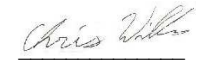
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
	102-2		Brown Ceiling Tile	Y	None Detected	90% ce	10% qu, ma
	102-3		Brown Mastic	Y	None Detected		100% qu, bi
103	103-1		White Compound	Y	2% Chrysotile		98% qu, mi, ca
			White Compound Beneath				
	103-2		Tape	Y	2% Chrysotile		98% qu, mi, ca
	103-3		White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
			White Surfaced White				98% qu, mi, bi, ca
104	104-1		Compound	N	2% Chrysotile		ca
	104-2		White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

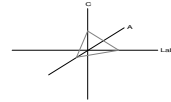
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CA Labs Project #:
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Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
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Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			104-3 Black Mastic	Y	None Detected		100% qu, bi
105			White Surfaced White 105-1 Compound	N	2% Chrysotile		98% qu, mi, bi, ca
			105-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
			105-3 Black Mastic	Y	None Detected		100% qu, bi
106			106-1 White Textured Surfacing	N	None Detected		100% qu, mi, bi, ca
107			107-1 White Textured Surfacing	N	None Detected		100% qu, mi, bi, ca
108			108-1 White Textured Surfacing	N	None Detected		100% qu, mi, bi, ca

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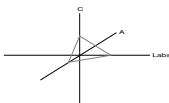

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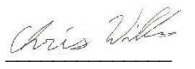
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
109		109-1	Purple Compound	Y	None Detected		100% qu, mi, ca
		109-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
110		110-1	Purple Covering	N	None Detected	90% ce	10% qu, ma
		110-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
111		111-1	Black Surfacing	N	None Detected		100% qu, bi
		111-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
112		112-1	Black Surfacing	N	None Detected		100% qu, bi

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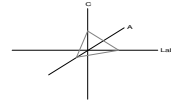
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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			112-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
113			113-1 Black Surfaced Gray Plaster	N	None Detected		100% qu, ma, bi, ca
			113-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
114			114-1 Black Surfaced Gray Plaster	N	None Detected		100% qu, ma, bi, ca
			114-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
115			115-1 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
116			116-1 White Surfacing	N	None Detected		100% qu, bi, ca

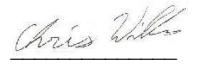
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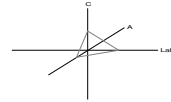

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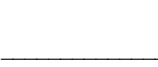
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			116-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
117			117-1 White Surfacing	N	None Detected		100% qu, bi, ca
			117-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
118			118-1 Black Mastic	Y	None Detected		100% qu, bi
			118-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
119			119-1 Black Mastic	Y	None Detected		100% qu, bi
			119-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

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ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

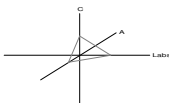

David Darby
Analyst


Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

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10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25042823

Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

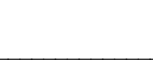
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
120		120-1	Black Shingle with White Gravel	Y	None Detected	70% fg	30% qu, ma, bi
121		121-1	Black Shingle with White Gravel	Y	None Detected	70% fg	30% qu, ma, bi
122		122-1	Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
123		123-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		123-2	Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
124		124-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		124-2	Black Felt	Y	None Detected	70% ce	30% qu, ma, bi

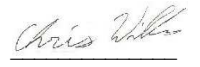
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
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ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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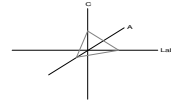

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Analyst


Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

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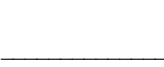
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
125		125-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		125-2	Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
126		126-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		126-2	Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
127		127-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
		127-2	Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
128		128-1	Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi

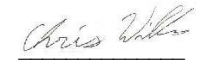
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

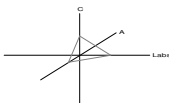

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Alicia Stretz


Laboratory Director
Chris Williams

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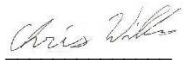
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			128-2 Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
129			129-1 Black Shingle with Gray Gravel	Y	None Detected	70% fg	30% qu, ma, bi
			129-2 Black Felt	Y	None Detected	70% ce	30% qu, ma, bi
130			130-1 Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
			130-2 Black Mastic	Y	4% Chrysotile		96% qu, bi
131			131-1 Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
			131-2 Black Mastic	Y	4% Chrysotile		96% qu, bi

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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

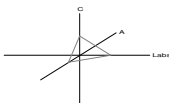
Approved Signatories:


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Alicia Stretz
Laboratory Director
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Fax #

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Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
132		132-1	Black Countertop	Y	20% Chrysotile		80% qu, ma, ca
133		133-1	Black Countertop	Y	20% Chrysotile		80% qu, ma, ca
134		134-1	Tan Mortar	Y	None Detected		100% qu, ma, ca
135		135-1	Tan Mortar	Y	None Detected		100% qu, ma, ca
136		136-1	Brown Cove Base	Y	None Detected		100% qu, ma
		136-2	Brown Mastic	Y	None Detected		100% qu, bi
137		137-1	Brown Cove Base	Y	None Detected		100% qu, ma

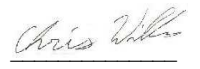
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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

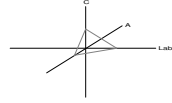

David Darby
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Alicia Stretz


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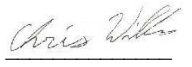
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			137-2 Brown Mastic	Y	None Detected		100% qu, bi
138			138-1 Gray Ceiling Tile	Y	None Detected	70% fg	30% qu, ma, ca
139			139-1 Gray Ceiling Tile	Y	None Detected	70% fg	30% qu, ma, ca
140			140-1 Black Countertop	Y	20% Chrysotile		80% qu, ma, ca
141			141-1 Black Countertop	Y	20% Chrysotile		80% qu, ma, ca
142			142-1 Tan Mastic	Y	None Detected		100% qu, bi
143			143-1 Tan Mastic	Y	None Detected		100% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
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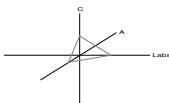
Approved Signatories:


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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
144		144-1	Tan Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
145		145-1	Tan Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
146		146-1	Tan Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
147		147-1	Tan Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
148		148-1	Tan Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
149		149-1	White Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
		149-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

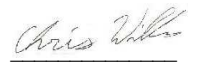
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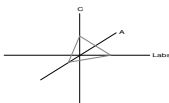

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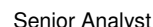
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
150		150-1	White Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
151		151-1	White Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
		151-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
152		152-1	Tan Compound	Y	2% Chrysotile		98% qu, mi, ca
153		153-1	Tan Compound	Y	2% Chrysotile		98% qu, mi, ca
		153-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
154		154-1	Pink Sealant	Y	6% Chrysotile		94% qu, ma, bi

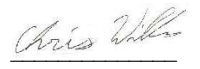
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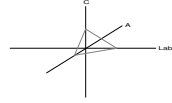

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CA Labs**Dedicated to
Quality****CA Labs, L.L.C.**12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634
NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

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Turnaround Time: 5 day**Date:** 4/24/2025**Samples Received:** 4/15/2025**Date Of Sampling:****Purchase Order #:** 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
155		155-1	Pink Sealant	Y	6% Chrysotile		94% qu, ma, bi
156		156-1	Tan Mastic	Y	None Detected		100% qu, bi
157		157-1	Tan Mastic	Y	None Detected		100% qu, bi
158		158-1	Tan Floor Tile	Y	2% Chrysotile		98% qu, ma, ca
		158-2	Black Mastic	Y	4% Chrysotile		96% qu, bi
159		159-1	Tan Floor Tile	Y	2% Chrysotile		98% qu, ma, ca
		159-2	Black Mastic	Y	4% Chrysotile		96% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

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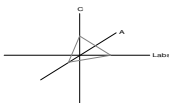
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Purchase Order #: 1641

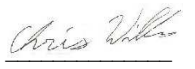
Sample #	Com ment	Layer #	Analysts Physical Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
160		160-1	Black Sealant		Y	None Detected	6% ce	94% qu, ma, bi
161		161-1	Black Sealant		Y	None Detected	6% ce	94% qu, ma, bi
162		162-1	Black Cove Base		Y	None Detected		100% qu, ma
		162-2	Tan Mastic		Y	None Detected		100% qu, bi
163		163-1	Black Cove Base		Y	None Detected		100% qu, ma
		163-2	Tan Mastic		Y	None Detected		100% qu, bi
164		164-1	Gray Ceiling Tile		Y	2% Chrysotile	15% fg 50% ce	33% qu, ma, pe

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

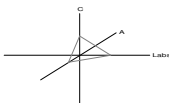
Approved Signatories:


David Darby
Analyst


Senior Analyst
Alicia Stretz
Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages effecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25042823

Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
165		165-1	Gray Ceiling Tile	Y	2% Chrysotile	15% fg 50% ce	33% qu, ma, pe
166		166-1	Gray Mortar	Y	None Detected		100% qu, ma, ca
167		167-1	Gray Surfaced Gray Mortar	N	None Detected		100% qu, ma, bi, ca
168		168-1	Gray Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
169		169-1	Tan Surfaced White Compound	N	None Detected		100% qu, mi, bi, ca
170		170-1	Tan Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
171		171-1	White Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca

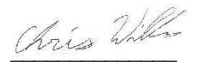
Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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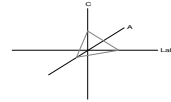

David Darby
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Polarized Light Asbestiform Materials Characterization

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Customer Project:
Sweet Home HS

CA Labs Project #:
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Phone # 503-705-0514
Fax #

Turnaround Time: 5 day

Date: 4/24/2025
Samples Received: 4/15/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
172		172-1	White Surfaced White Plaster	N	None Detected		100% qu, ma, bi, ca
173		173-1	White Plaster	Y	None Detected		100% qu, ma, ca
174		174-1	White Plaster	Y	None Detected		100% qu, ma, ca
175		175-1	Tan Surfaced White Compound	N	2% Chrysotile		98% qu, mi, bi, ca
		175-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
176		176-1	Tan Surfaced White Compound	N	2% Chrysotile		98% qu, mi, bi, ca
		176-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

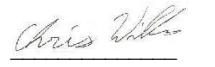
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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

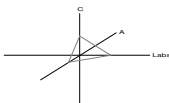

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CA Labs Project #:
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Phone # 503-705-0514
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Date: 4/24/2025
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Date Of Sampling:
Purchase Order #: 1641

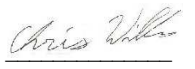
Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
177		177-1	Tan Surfaced White Compound	N	2% Chrysotile		98% qu, mi, bi, ca
		177-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
178		178-1	Black Felt and Tar	N	None Detected	30% fg	70% qu, ma, bi
179		179-1	Black Felt and Tar	N	None Detected	30% fg	70% qu, ma, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
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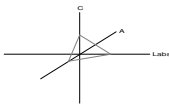
Approved Signatories:


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Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Kelsay Environmental

833 SE Main St. Ste 410
Portland, OR 97214

Attn: Brad Kelsay

Customer Project: Sweet Home HS

Reference #: CBR25086537

Date: 8/26/2025

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved)). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found by PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

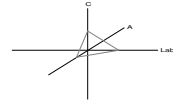
Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as ≤1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one of these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.



Overview of Project Sample Material Containing Asbestos

Customer Project:		CA Labs Project #:	
Sweet Home HS		CBR25086537	
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types
180	180-1	Tan Floor Tile	3% Chrysotile
	180-2	Black Mastic	5% Chrysotile
181	181-1	Tan Floor Tile	3% Chrysotile
	181-2	Black Mastic	5% Chrysotile
182	182-1	White Surfaced Tan Ceiling Tile	2% Chrysotile
183	183-1	White Surfaced Tan Ceiling Tile	2% Chrysotile
208	208-1	Tan Floor Tile	8% Chrysotile
209	209-1	Tan Floor Tile	8% Chrysotile

Tan Floor Tile
Black Mastic
White Surfaced Tan Ceiling Tile
White Surfaced Tan Compound

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

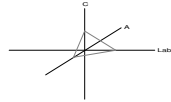
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CA Labs

Dedicated to
Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634



NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Overview of Project Sample Material Containing Asbestos

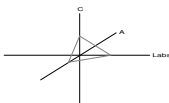
Customer Project:		Sweet Home HS			CA Labs Project #:	CBR25086537
Sample #	Layer #	Analysts	Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types	

213 213-1 White Surfaced Tan Compound 2% Chrysotile

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastonite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25086537

Phone # 503-705-0514
Fax #

Turnaround Time: 3 day

Date: 8/26/2025
Samples Received: 8/22/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
180		180-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		180-2	Black Mastic	Y	5% Chrysotile		95% qu, bi
181		181-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		181-2	Black Mastic	Y	5% Chrysotile		95% qu, bi
182		182-1	White Surfaced Tan Ceiling Tile	N	2% Chrysotile	40% fg	58% qu, ma, bi, pe
183		183-1	White Surfaced Tan Ceiling Tile	N	2% Chrysotile	40% fg	58% qu, ma, bi, pe
184		184-1	White Floor Tile	Y	None Detected		100% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for
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Approved Signatories:

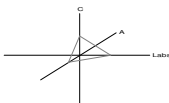
Zo Andriampenanana
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Alicia Stretz

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			184-2 Black Mastic	Y	None Detected	5% ce	95% qu, bi
185			185-1 White Floor Tile	Y	None Detected		100% qu, ma, ca
			185-2 Black Mastic	Y	None Detected	5% ce	95% qu, bi
186			186-1 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
187			187-1 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
188			188-1 White Surfacing	Y	None Detected		100% qu, bi
			188-2 Tan Ceiling Tile	Y	None Detected	70% ce	30% qu, ma, pe

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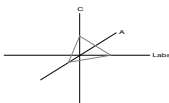

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			188-3 Brown Mastic	Y	None Detected		100% qu, bi
189			189-1 White Surfacing	Y	None Detected		100% qu, bi
			189-2 Tan Ceiling Tile	Y	None Detected	70% ce	30% qu, ma, pe
			189-3 Brown Mastic	Y	None Detected		100% qu, bi
190			190-1 White Compound	Y	None Detected		100% qu, mi, ca
191			191-1 White Compound	Y	None Detected		100% qu, mi, ca
			191-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy

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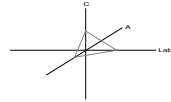

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Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Brad Kelsay
Kelsay Environmental
833 SE Main St. Ste 410
Portland, OR 97214

Customer Project:
Sweet Home HS

CA Labs Project #:
CBR25086537

Phone # 503-705-0514
Fax #

Turnaround Time: 3 day

Date: 8/26/2025
Samples Received: 8/22/2025
Date Of Sampling:
Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
192		192-1	White Surfaced White Compound	N	None Detected		100% qu, mi, bi, ca
193		193-1	White Compound	Y	None Detected		100% qu, mi, ca
194		194-1	Black Cove Base	Y	None Detected		100% qu, ma
		194-2	Yellow Mastic	Y	None Detected		100% qu, bi
195		195-1	Black Cove Base	Y	None Detected		100% qu, ma
		195-2	Yellow Mastic	Y	None Detected		100% qu, bi
196		196-1	Gray Cove Base	Y	None Detected		100% qu, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

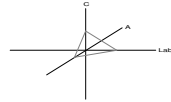

Zo Andriampenanana
Analyst


Senior Analyst
Alicia Stretz


Laboratory Director
Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
2. Fire Damage no significant fiber damages effecting fibrous percentages
3. Actinolite in association with Vermiculite
4. Layer not analyzed - attached to previous positive layer and contamination is suspected
5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc
7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive
10. TEM analysis suggested



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			196-2 Yellow Mastic	Y	None Detected		100% qu, bi
197			197-1 Gray Cove Base	Y	None Detected		100% qu, ma
			197-2 Yellow Mastic	Y	None Detected		100% qu, bi
198			198-1 Brown Cove Base	Y	None Detected		100% qu, ma
			198-2 Brown Mastic	Y	None Detected		100% qu, bi
199			199-1 Brown Cove Base	Y	None Detected		100% qu, ma
			199-2 Brown Mastic	Y	None Detected		100% qu, bi

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ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

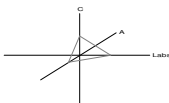

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Purchase Order #: 1641

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
200		200-1	Tan Surfaced White and Gray Plaster	N	None Detected		100% qu, ma, bi, ca
201		201-1	Tan Surfaced White and Gray Plaster	N	None Detected		100% qu, ma, bi, ca
202		202-1	White Compound	Y	None Detected		100% qu, mi, ca
		202-2	White Compound Beneath Tape	Y	None Detected		100% qu, mi, ca
		202-3	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
203		203-1	White Compound	Y	None Detected		100% qu, mi, ca
		203-2	White Compound Beneath Tape	Y	None Detected		100% qu, mi, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

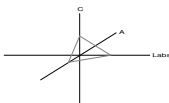

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	203-3		White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
204	204-1		Yellow Mastic	Y	None Detected		100% qu, bi
205	205-1		Yellow Mastic	Y	None Detected		100% qu, bi
206	206-1		White Debris	Y	None Detected		100% qu, pe, ma, ca
207	207-1		White Debris	Y	None Detected		100% qu, pe, ma, ca
208	208-1		Tan Floor Tile	Y	8% Chrysotile		92% qu, ma, ca
	208-2		Orange Floor Tile	Y	None Detected		100% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

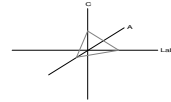

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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
209		209-1	Tan Floor Tile	Y	8% Chrysotile		92% qu, ma, ca
		209-2	Orange Floor Tile	Y	None Detected		100% qu, ma, ca
5		209-3	Black Mastic				
			White Surfaced White				100% qu, mi, bi, ca
210		210-1	Compound	N	None Detected		
		210-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
211		211-1	Black Cove Base	Y	None Detected		100% qu, ma
		211-2	Brown Mastic	Y	None Detected	2% wo	98% qu, bi

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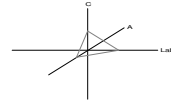
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212		212-1	Black Cove Base		Y	None Detected		100% qu, ma
		212-2	Brown Mastic		Y	None Detected	2% wo	98% qu, bi
213		213-1	White Surfaced Tan Compound		N	2% Chrysotile		98% qu, mi, bi, ca
214		214-1	White Surfaced White Compound		N	None Detected		100% qu, pe, bi, ca
215		215-1	White Surfaced White Compound		N	None Detected		100% qu, pe, bi, ca
216		216-1	White Surfacing		Y	None Detected		100% qu, bi
		216-2	Tan Ceiling Tile		Y	None Detected	20% fg 50% ce	30% qu, ma, pe

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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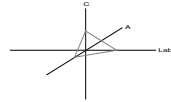

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217		217-1	White Surfacing	Y	None Detected		100% qu, bi
		217-2	Tan Ceiling Tile	Y	None Detected	20% fg 50% ce	30% qu, ma, pe

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or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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C.A. Labs, LLC.
12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
Mobile: 225-993-3471

Chain of Custody

Client Name:	Kelsay Environmental	CA Labs job #	CBR 25042823
Client Address:	833 SE Main St., Suite 410 Portland, Oregon 97214	Billing Address:	
phone number:	503-705-0514	(if different)	
fax number:		Send Reports to:	DLang.KES@gmail.com
Project Number:	1641	Project Name:	Sweet Home HS
Contact:	Brad Kelsay	Reports Results	
		VIA: EMAIL ☒ FAX ☐ VERBAL ☐	

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix:
179	179	Air / <u>Bulk</u> / Water

Asbestos: *please call ahead for availability of all rush and/or after hours samples.*

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>			
AHERA	4 hour	Improved	2 hour	Allergen Particle:	2 hour
EPA Level II	8 hour	Interim	4 hour	tape/bulk/swab	4 hour
Drinking Water	16 hour		8 hour	Cyclex-d cassettes	8 hour
Wipe	24 hour	<u>AHERA</u>	16 hour	Air-o-cell cassettes	16 hour
Micro-vac	2 days		24 hour	Anderson cultures	24 hour
NIOSH 7402	3 days	Point Count -	2 days	Bulk/swab cultures	2 days
Chatfield Bulk	5 days	(NESHAPS)	3 days	Bacteria cultures	3 days
			<u>5 days</u>	PCM: NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Description
001	M1/M2	Yellow carpet mastic
002		↓
003		6x10 wallboard w/ wallpaper
004		↓
005		↓

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Custody Information:

Samples relinquished:

Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time

Samples received:

Signature / Date / Time

11:05



12232 Industriplex
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Baton Rouge, LA 70809

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Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental

CA Labs job # CBR 25042823

Client Address: 833 SE Main St., Suite 410

Billing Address:

Portland, Oregon 97214

(if different)

phone number: 503-705-0514

fax number:

Send Reports to: DLang.KES@gmail.com

Project Number: 1641

Project Name: Sweet Home HS

Contact: Brad Kelsay

Reports Results

VIA: EMAIL ☒ FAX ☐ VERBAL ☐

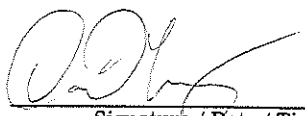
Sample Number:	Sample Location:	Sample Description
006	M1/M2	2" Cove base w/ mastic
007		↓
008		2'x4' Drop ceiling tiles
009		↓
010		Asphalt roofing w/ vapor barrier
011		↓
012	M3/M4	Asphalt roofing w/ vapor barrier
013		↓
014		Gyp wallboard w/ wallpaper
015		↓
016		↓
017		Wall paneling mastic
018		↓
019		2'x4' drop ceiling tiles
020		↓
021		Yellow carpet mastic
022		↓
023	DS Storage Room	Multi-Layered sheet vinyl flooring
024	↓	↓
025	DS	Pale Green 12"x12" FT w/ black mastic
026	↓	↓
027	↓	Dark Green 12"x12" FT w/ black mastic
028	↓	↓
029	DS	12"x12" Pinhole ceiling tile

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:

 4/15/25
Signature / Date / Time

Samples received:

 4/15/25 11:05
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time



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fax number:
Project Number: **1541**

CA Labs job # **CBR 25042823**

Billing Address:
(if different)

Send Reports to: **DLang.KES@gmail.com**

Project Name: **Sweet Home HS**

Reports Results

VIA: EMAIL ☒ FAX ☐ VERBAL ☐

Contact: **Brad Kelsay**

Sample Number:	Sample Location:	Sample Description
30	D5	12x12" Pinhole ceiling tile
31	↓	2x4" drop ceiling tiles
32	↓	↓
33	D Building	Fiberglass insulation paper backing
34	↓	↓
35	D4 D1	Red 12x12" FT w/ black mastic
36	↓ D1	↓
37	↓	1/2" 4" white cove base w/ mastic
38	↓	↓
39	D5	2" white cove base w/ mastic
40	↓	↓
41	Art Photo bath	Gyp wallboard w/ joint compd + texture
42	↓	↓
43	↓	↓
44	D building Kila Room	Gyp wallboard w/ joint compd
45	↓	↓
46	↓	↓
47	D5	2" brown cove base w/ mastic
48	↓	↓
49	D5	Gray sink undercoating
50	↓	↓
51	D5 Restrooms	6" black cove base w/ mastic
52	↓	↓
53	Pl storage	12x12" Flat ceiling tile

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:

Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time

Samples received:

Signature / Date / Time



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After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental CA Labs job # CBR 25042823
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____
Project Number: 1641 Send Reports to: DLang.KES@gmail.com
Project Name: Sweet Home MS
Reports Results
Contact: Brad Kelsay VIA: EMAIL X FAX _____ VERBAL _____

Sample Number:	Sample Location:	Sample Description
54	D1 Storage	12x12" Flat ceiling tiles
55	D1	Gyp wallboard w/ joint compound
56	↓	↓
57	↓	↓
58	D Building Exterior	Asphalt roofing w/ vapor barrier
59	↓	↓
60	D1	Decorative wall tile glue dots
61	↓	↓
62	D Building	Unfinished gyp wallboard beneath wood paneling
63	↓	↓
64	D2/D3	Gyp wallboard w/ joint compound + texture
65	↓	↓
66	↓	↓
67	D2/D3	Gray sink undercoating
68	↓	↓
69	D2/D3	12x12" Gray FT w/ yellow mastic
70	↓	↓
71	↓	2x4" drop ceiling tiles
72	↓	↓
73	↓	Speckled sheet vinyl flooring
74	↓	↓
75	↓	4" Brown cove base w/ mastic
76	↓	↓
77	Wood shop exterior	Square block mortar

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:



Signature / Date / Time

Samples received:



Signature / Date / Time

4/15/25 11:05

Samples relinquished:

Samples received:

Signature / Date / Time

Signature / Date / Time



12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental CA Labs job # CBR 25042823
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____ Send Reports to: DLang.KES@gmail.com
Project Number: 1541 Project Name: Sweet Home HS
Contact: Brad Kelsay Reports Results
VIA: EMAIL ☒ FAX ☐ VERBAL ☐

Sample Number:	Sample Location:	Sample Description
78	Wood shop exterior	Square block mortar
79	A32	Residual black mastic
80	↓	↓
81	A32/A33	CMU mortar
82	↓	↓
83	↓	Gyp wallboard w/ joint compound
84	↓	↓
85	↓	↓
86	Wood shop	MVAC seal wrap
87	↓	↓
88	Wood shop locker rm	9"x9" blue FT w/ black mastic
89	↓	↓
90	Wood shop single bathroom	9"x9" white FT w/ black mastic
91	↓	↓
92	Wood shop classroom	12"x12" FT w/ yellow/brown mastic
93	↓	↓
94	Wood shop	4" brown com base w/ mastic
95	↓	↓
96	A31	Ext. window glazing
97	↓	↓
98	Wood shop electrical room	Floorboard/black mastic/gyp walls
99	↓	↓
100	↓	↓
101	Wood shop	12"x12" plaster ceiling tile w/ glue dots

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:

Signature / Date / Time

Samples relinquished:

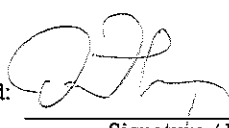
Signature / Date / Time

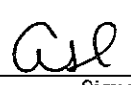
Samples received:

Signature / Date / Time

Samples received:

Signature / Date / Time

 4/11/25

 4/15/25 11:05



12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

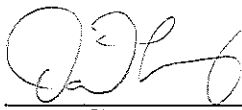
Client Name: Kelsay Environmental CA Labs job # CBR 25042823
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____ Send Reports to: DLang.KES@gmail.com
Project Number: 1641 Project Name: Sweet Home HS
Contact: Brad Kelsay Reports Results
VIA: EMAIL ☒ FAX _____ VERBAL _____

Sample Number:	Sample Location:	Sample Description
102	Wood shop	12"x12" Haled ceiling tile w/ glue dots
103	Wood shop storage	Gyp wallboard w/ joint compd - wall mastic
104	↓	↓
105	↓	↓
106	Wood shop classroom	Popcorn ceiling texture
107	↓	↓
108	↓	↓
109	Wood shop 2nd floor	Gypsum wallboard
110	↓	↓
111	↓	↓
112	A30	Plaster w/ mastic + gyp wallboard
113	↓	↓
114	↓	↓
115	↓	Gyp wallboard w/ joint compd + texture
116	↓	↓
117	↓	↓
118	A30	Brown wall mastic behind chalkboards
119	↓	↓
120	Wood shop exterior	Asphalt shingles w/ vapor barrier
121	↓	↓
122	Walkway exterior	Roof core
123	↓	↓
124	B Building	Roof core
125	↓	↓

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:
Samples relinquished:

 4/11/25
Signature / Date / Time

Samples received:

 4/15/25 11:05
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time



12232 Industriplex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental CA Labs job # CBR15042823
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____
Project Number: 1641 Send Reports to: DLang.KES@gmail.com
Project Name: Sweet Home HS
Reports Results
Contact: Brad Kelsay VIA: EMAIL X FAX _____ VERBAL _____

Sample Number:	Sample Location:	Sample Description
126	C Building	Root core
127	↓	↓
128	A Building	Root core
129	↓	↓
130	C Building	12x12' Beige FT w/ Black mast
131	↓	↓
132	↓	↑
133	↓	Black Laboratory countertops
134	C Building	Cement block mortar
135	↓	↓
136	C Building	4" Black core base w/ brown mastic
137	↓	↓
138	C Building	2x4 drop ceiling tiles
139	↓	↓
140	↓	Pink Black/Gray Lab countertops
141	↓	↓
142	Book Rm	Yellow carpet mastic
143	C13	↓
144	C4	Gyp wallboard w/ joint compound
145	C11	↓
146	C3	↓
147	Book Room	↓
148	C1	↓
149	C7	↓

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:

[Signature] 4/11/25
Signature / Date / Time

Samples received:

ASH 4/15/25 11:05
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time



12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental

Client Address: 833 SE Main St., Suite 410

Portland, Oregon 97214

phone number: 503-705-0514

fax number:

Project Number: 1641

Contact: Brad Kelsay

CA Labs job # CBR 25042823

Billing Address:

(if different)

Send Reports to: DLang.KES@gmail.com

Project Name: Sweet Home HS

Reports Results

VIA: EMAIL ☒ FAX ☐ VERBAL ☐

Sample Number:	Sample Location:	Sample Description
150	C14	Gyp wallboard w/ joint compd
151	C Building Mech. Rm	
152		
153		
154	C6	Pink sink undercoating
155	Book Room	
156	B Building	Yellow carpet mastic
157		
158		12x12" FT. w/ black mastic
159		
160	B3	Black sink undercoating
161		
162	B Building	4" Black core base w/ mastic
163		
164		2x4 drop ceiling tiles
165		
166	B Building	Square Black mortar
167		
168	B5	Gyp wallboard w/ joint compd
169	B1	
170	B9	
171	B3	
172	B6	
173	B7	

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:

 4/11/25
Signature / Date / Time

Samples received:

 4/15/25 1105
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time



12232 Industriplex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental CA Labs job # CBR 25042823
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____
Project Number: 1641 Send Reports to: DLang.KES@gmail.com
Project Name: Sweet Home HS
Contact: Brad Kelsay Reports Results
VIA: EMAIL X FAX _____ VERBAL _____

Sample Number:	Sample Location:	Sample Description
174	B5	~~Sweet Home R~~ Gyp wall w/ joint capd
175	B Building Mech. Room	Gyp wallboard w/ joint capd
176	↓	↓
177		
178	wood shop Flat Roof	Roof core
179	↓	↓
180		
181		
182		
183		
184		
185		
186		
187		
188		
189		
190		
191		
192		
193		
194		
195		
196		
197		

For internal use:
Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:
Samples relinquished:

 4/11/25
Signature / Date / Time

Samples received:

 4/15/25 11:05
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time



C.A. Labs, LLC.
12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
Mobile: 225-993-3471

Chain of Custody

Client Name:	Kelsay Environmental	CA Labs job #	CBR 25086537
Client Address:	833 SE Main St., Suite 410 Portland, Oregon 97214	Billing Address:	(if different)
phone number:	503-705-0514	Send Reports to:	DLang.KES@gmail.com
fax number:		Project Name:	Sweet Home HS
Project Number:	1541	Reports Results	VIA: EMAIL ☒ FAX ☐ VERBAL ☐
Contact:	Brad Kelsay		

Total # Samples Submitted:	Total # Samples to be Analyzed:	Material Matrix:
38	38	Air / Bulk / Water

Asbestos: please call ahead for availability of all rush and/or after hours samples.

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
Circle analysis and TA time		Circle analysis and TA time	2 hour	Allergen Particle:	2 hour
AHERA	4 hour	Improved	4 hour	tape/bulk/swab	4 hour
EPA Level II	8 hour	Interim	8 hour	Cyclex-d cassettes	8 hour
Drinking Water	16 hour		16 hour	Air-o-cell cassettes	16 hour
Wipe	24 hour	AHERA	24 hour	Anderson cultures	24 hour
Micro-vac	2 days		2 days	Bulk/swab cultures	2 days
NIOSH 7402	3 days	Point Count -	3 days	Bacteria cultures	3 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	PCM: NIOSH 7400	5-10 days

Lead:

Circle analysis and TA time

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Description
180	A21-27	12x12" Lt. Brown Floor tile w/ black mastic
181	↓	↓
182	↓	2x4" drop ceiling fiber
183	↓	
184	A22	12x12" white Floor tile w/ black mastic

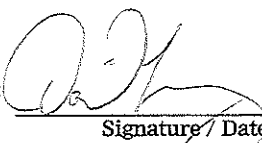
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Revision 2 3/12/01

Page 1

Custody Information:

Samples relinquished:


Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:


Signature / Date / Time

Samples received:

Signature / Date / Time



12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental CA Labs job # CBR 25086534
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____
Project Number: 1641 Send Reports to: DLang.KES@gmail.com
Project Name: Sweet Home HS
Contact: Brad Kelsay Reports Results
VIA: EMAIL ☒ FAX ☐ VERBAL ☐

Sample Number:	Sample Location:	Sample Description
185	A22	12'x12" white Floor tile w/ black mastic
186	A Hallway	Fire Resistant wallboard
187	↓	↓
188	A Hallway	12'x12" Ceiling tile w/ glue dots
189	↓	↓
190	Mech. Room above A21	gyp wallboard w/joint comp
191	↓	↓
192	A23	gyp wallboard w/joint comp
193	A25	↓
194	A20	6" Black core base w/ mastic
195	A21	↓
196	A Hallway	4" Gray core base w/ mastic
197	↓	↓
198	A26	4" Brown core base w/ mastic
199	↓	↓
200	A18	gyp wallboard w/joint comp
201	A19	↓
202	Mechanical Rm above A Hallway	gyp wallboard w/joint comp
203	↓	↓
204	A23	Yellow carpet mastic
205	↓	↓
206	A Bldg ~~Below~~ Bathrooms	Ceramic tile grout
207	↓	↓
208	A17	9'x9" Floor tile w/ black mastic

For internal use:

Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:
Samples relinquished:

 8/20/25
Signature / Date / Time

Samples received:

10:30
 8-22-2025
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time



12232 Industripex
Suite 32
Baton Rouge, LA 70809

Phone: 225-751-5632
Fax: 225-751-5634
After hours Mobile: 225-993-3471

Client Name: Kelsay Environmental CA Labs job # CBR 25086537
Client Address: 833 SE Main St., Suite 410 Billing Address: _____
Portland, Oregon 97214 (if different) _____
phone number: 503-705-0514
fax number: _____ Send Reports to: DLang.KES@gmail.com
Project Number: 1641 Project Name: Sweet Home HS
Contact: Brad Kelsay Reports Results
VIA: EMAIL X FAX _____ VERBAL _____

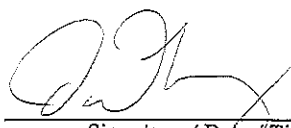
Sample Number:	Sample Location:	Sample Description
209	A17	9x9" FT w/ black mastic
210	A Hallway	Gyp wallboard w/ joint compound
211	A20	4" Black core base w/ mastic
212	↓	↓
213	A19	Gyp wallboard w/ joint compound
214	A2	↓
215	A3	↓
216	A Hallway	2x4 drop ceiling tiles
217	↓	↓
218		
219		
220		
221		
222		
223		
224		
225		
226		
227		
228		
229		
230		
231		
232		

For internal use:

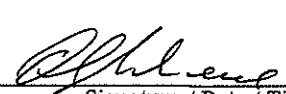
Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:

Samples relinquished:

 8/20/25
Signature / Date / Time

Samples received:

 10:30
Signature / Date / Time

Samples relinquished:

Signature / Date / Time

Samples received:

Signature / Date / Time

LABORATORY REPORT

Kelsay Environmental
833 SE Main St
Suite 410
Portland, OR 97214

Attn: Brad Kelsay (833)
Phone: 503-705-0514

Email: bkelsay.kes@gmail.com

RJ Lee Group Job No.: PA140420250020
Samples Received: April 14, 2025
Report Date: April 21, 2025
Client Project: Sweet Home HS
Purchase Order No.: N/A
Matrix: Solid
Prep/Analysis: EPA 3050B / EPA 6010C-Paint

Client Sample ID	RJ Lee Group ID	Sampling Date	Analyte	Sample Concentration		Minimum Reporting Limit		Analysis Date	Q
				Weight Percent (%)	Parts per Million (PPM) - mg/kg	Weight Percent (%)	Parts per Million (PPM) - mg/kg		
1001	PA140420250020-001	04/09/2025 NP	Lead	< 0.00121	< 12.1	0.00121	12.1	04/16/2025	A
1002	PA140420250020-002	04/09/2025 NP	Lead	0.0500	500	0.00121	12.1	04/16/2025	A
1003	PA140420250020-003	04/09/2025 NP	Lead	5.07	50700	0.122	1220	04/16/2025	A
1004	PA140420250020-004	04/10/2025 NP	Lead	0.00149	14.9	0.00123	12.3	04/16/2025	A
1005	PA140420250020-005	04/10/2025 NP	Lead	0.0385	385	0.00124	12.4	04/16/2025	A
1006	PA140420250020-006	04/10/2025 NP	Lead	0.0397	397	0.00124	12.4	04/16/2025	A
1007	PA140420250020-007	04/11/2025 NP	Lead	< 0.00125	< 12.5	0.00125	12.5	04/16/2025	A
1008	PA140420250020-008	04/11/2025 NP	Lead	0.0815	815	0.00124	12.4	04/16/2025	A

Comments:

Report Qualifiers (Q):

P : PA-DEP Accredited (PA DEP Lab ID 02-00396, NELAP)
N : NY ELAP Accredited (NY ELAP Lab Code 10884)

A : AIHA LAP, LLC Accredited (Lab ID 100364)

— : Test (analyte-matrix-preparation-analysis) is performed under RJLG's General Quality System requirements and is not part to any of the above scopes of accreditations

E = Value above highest calibration standard

J = Value below lowest calibration standard but above MDL (Method Detection Limit)

L = LCS (Laboratory Control Standard)/SRM (Standard Reference Material) recovery outside accepted recovery limits

H = Holding times for preparation or analysis exceeded

B = Analyte detected in the associated Method Blank

S = Spike Recovery outside accepted limits

R = RPD (relative percent difference) outside accepted limits

D = RL (reporting limit verification) outside accepted limits

NP = Not Provided

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of thirty (30) days before discarding. A shipping and handling fee will be assessed for the return of any samples.

This laboratory operates in accord with ISO 17025:2017 guidelines, and holds a limited scope of accreditations under different accrediting agencies; refer to <http://www.rjlg.com/about-us/accreditations/> for more information and current status. Unless it is specifically stated otherwise (under the Q column using the appropriate accrediting agency qualifier(s)) the work contained in this report is performed under RJLG's General Quality System requirements and is not part of any scope of accreditations. This report may not be used to claim product endorsement by any laboratory accrediting agency. The results contained in this report relate only to the items tested or to the sample(s) as received by the laboratory. Any reproduction of this document must be in full for the report to be valid.

Unless otherwise noted (either in the comments section of the report and/or with the appropriate qualifiers under the report qualifiers (Q) column) the following apply: (a) Samples were received in good condition, (b) All QC samples are within acceptable established limits, (c) All samples designated as NELAP meet the requirements of the NELAC standard; if not applicable qualifiers will be used to designate the non-compliance and (d) Results have not been blank corrected. Quality Control data is available upon request.

Request for Laboratory Analytical Services - Chain of Custody

PA140420250020

Page 1 of

Purchase Order No.:		Client Job No.: <u>Sweet Home HS</u>											
Lab Use Only	Project No.:		Client No.:		Turnaround Request								
	Date Logged In:		Logged In By:										
Report Results To	Name: Brad Kelsay				Drinking Water Sample Only								
	Company: Kelsay Environmental												
	Address: 833 SE Main St. Suite 410												
	City, State, Zip: Portland Oregon 97214				Chemistry Analysis Key								
	Phone: 503-705-0514 Fax: ()												
	Call with Verbal Results:												
Email Results To: <u>bradkelsay@comcast.net</u> <u>dlana.kes@gmail.com</u>				Standard: <u>Yes</u> No If 'No,' No. of Business Days:									
Fax Results To:				Sample Purpose: Information ☐ Regulatory ☐									
Send Invoice To	Name:				System ID No.:								
	Company: SAME AS ABOVE Email:				DOH Source No.:								
	Address:				Multiple Sources Nos.:								
Special Instructions	City, State, Zip:				Sample Purpose: A ☐ B ☐ Other ☐								
	Phone: () Fax: ()												
Sample Identification		Sample Description		Sample Date	Sample Time	Wipe Area / Air Volume	Total Lead	Pres. Upon Receipt (Y/N)	Preservation	Matrix	Container Type	pH	No. Containers
					Start	Stop							
1001		M1-M4 Gray Exterior		4/9			x						
1002		D Bldg Gray Exterior		4/9			x						
1003		Woodshop Gray Exterior		4/9			x						
1004		Gray covered walkways		4/10			x						
1005		C3 Exterior		4/10			x						
1006		C Bldg Exterior		4/10			x						
1007		B Bldg Exterior		4/11			x						
1008		A Bldg Rear Ext.		4/11			x						
Chain of Custody	Relinquished By (Signature): <u>David Lang</u>		Date: <u>4/11/25</u> Time:				Chain of Custody	Received By (Signature): <u>Kim Schriener</u>		Date: <u>4/14/25</u> Time: <u>10:34 am</u>			
	Relinquished By (Print Name): <u>David Lang</u>		Relinquished To:					Received By (Print Name): <u>Kim Schriener</u>		Relinquished To:			
	Company Name: <u>Kelsay Env.</u>		Method of Shipment: <u>FedEx</u>					Company Name:		Method of Shipment:			
Chain of Custody	Relinquished By (Signature):		Date:		Time:		Chain of Custody	Received By (Signature):		Date:		Time:	
	Relinquished By (Print Name):		Relinquished To:					Received By (Print Name):		Relinquished To:			
	Company Name:		Method of Shipment:					Company Name:		Method of Shipment:			

Pennsylvania - HQ
350 Hochberg Road
Monroeville, PA 15146

724.325.1776 Phone
724.733.1799 Fax

Pennsylvania - Waynesburg
100 EverGreene Drive, Suite 101
Waynesburg, PA 15370

724.627.7818 Phone
724.627.2018 Fax

Washington
Center for Laboratory Services
2710 North 20th Avenue
Pasco, WA 99301
509.545.4989 Phone
509.544.6010 Fax

Tennessee
1000 Heritage Center Boulevard
Building 1000
Oak Ridge, TN 37830
412.867.9864 Phone

 **RJ LEE GROUP**
DELIVERING SCIENTIFIC RESOLUTION

Certificate of Completion

This is to certify that

David Lang

has satisfactorily completed
4 hours of refresher training as an
AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

195429

Certificate Number



Instructor: Ed Edinger

Nov 13, 2024

Expires in 1 year.

Date(s) of Training

Exam Score: N/A
(if applicable)



- Facilities
- Environmental
- Geotechnical
- Materials

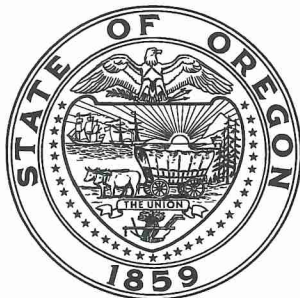
State of Oregon
Oregon Health Authority

David Lang

is certified by the Oregon Health Authority to conduct Lead-Based Paint Activities

Risk Assessor

Certification Number:	2746--Indv--R
Issuance Date:	8/20/2024
Expiration Date:	8/20/2027



Oregon
Health
Authority

State of Oregon
Oregon Health Authority

Kelsay Environmental Building Consulting Services Corporation

is certified by the Oregon Health Authority to conduct Lead-Based Paint Activities

Certification Number:	2277--LBP FIRM
Issuance Date:	7/1/2024
Date of Expiration:	7/1/2027



Oregon
Health
Authority