



November 30, 2021

Mr. John Sinutko
Director of Facilities, Maintenance & Operations
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Subject: Asbestos & Lead Survey Report
Moorpark College – Administration Building Reconstruction Project
7075 Campus Road
Moorpark, CA 93021
FCG Project Code: VCCCD-03

Dear Mr. Sinutko:

FCG Environmental (FCG) performed a hazardous materials survey of the Administration Building located on the Moorpark College campus, which included asbestos bulk sampling and lead-based paint testing. The investigation was conducted by FCG personnel on September 13, 2021, under the supervision of Alan Forbess, a CA Lead Inspector/Assessor and Project Monitor (No. 505/504) and CA Certified Asbestos Consultant (No. 94-1549). This report documents the results of our survey, which was conducted to identify proper handling of hazardous building materials prior to renovation activities.

1.0 Background Information / Scope of Project

Background/Site Description: The Administration Building is a single-story office and administration building that is scheduled for renovation work. Exterior building materials include concrete masonry block or stucco/plaster with a built-up roof over metal deck covered by composite cap sheet. Interior finishes include painted plaster or drywall and acoustic ceiling tiles. Flooring consists of vinyl flooring tiles (covered by carpeting in several areas) or carpet over concrete with ceramic tiles or stone in selected areas (restrooms, etc.). Spray-applied fireproofing was noted on metal beams in selected areas.

Scope of Project: FCG was asked to conduct a survey of building materials that might be disturbed as part of future renovation activities in order to identify hazardous materials concerns in accordance with federal, state and local regulations. The following services were conducted in order to define asbestos and lead concerns:

- A visual inspection of representative building materials was conducted to identify suspect asbestos and lead paint materials.
- Bulk samples were collected from representative suspect materials for submittal to a qualified laboratory for asbestos analysis. All bulk samples were analyzed by SGS Forensic Analytical, a state-certified laboratory located in Carson, CA. All samples were analyzed by polarized light microscopy (PLM), to determine asbestos fiber

concentrations in bulk building material samples. PLM is applicable for the analysis of building survey submissions and other bulk materials.

- A survey for lead-based paint was conducted using an X-Ray Fluorescence (XRF) paint analyzer to screen representative surfaces and materials suspected of being coated with lead-based paint.
- All field observations, laboratory analytical data, XRF readings and other findings have been evaluated, with this written report summarizing our findings and providing recommendations as necessary.

2.0 Asbestos Survey Findings

Suspect Materials: After a visual inspection was completed, the following suspect asbestos containing materials were noted:

- Exterior texture coat/surfacing – throughout support columns & fascia
- Exterior window caulking – throughout exterior windows
- Exterior stucco – exterior eaves or overhangs
- Exterior expansion joint fill – concrete walkways
- Roofing layers (composite sheeting, felt underlayment, tars, etc.)
- Roofing mastics – (sealants around pitch pockets, curbs, penetrations, etc.)
- Silver paint/mastics – exhaust fan hoods on roof
- Transite panels – HVAC screen fencing
- Gaskets – pipe flange for evaporator on roof
- HVAC duct tape – mechanical room 143, hallway 110, teacher’s lounge, etc.
- Pipe gaskets – mechanical room 143
- Spray-applied fire proofing (lt. green) – mechanical room 143 on beams/overspray
- Spray-applied fire proofing (off white) – all areas except mechanical room 143 on beams/overspray
- Interior plaster – mechanical room 143 & other areas (hallways, closets)
- 12” acoustic wall tiles with mastic – mechanical room 143
- 2’ x 1’ suspended acoustic ceiling tiles – hallways & common area
- 2’ x 4’ suspended acoustic ceiling tiles – all other areas
- Carpet glues/mastics – various locations
- Vinyl cove base with mastic – various locations
- Hard mudded pipe elbow – north entry above ceiling
- 9” off-white vinyl floor tile (VFT) & underlying mastics – various locations
- 12” beige VFT & underlying mastics – room 102A
- 12” tan VFT & underlying mastics – rooms 118, 115 & 121
- Drywall with joint compound – various locations
- 12” beige/tan VFT & underlying mastics – various locations
- Black mastic (under carpet) – various locations
- Fire door to vault (PACM not sampled) – Room 142
- Mudded pipe elbows (PACM not sampled) – above suspended ceiling

Bulk Sampling Results: FCG collected 92 bulk samples from suspect asbestos containing materials at the subject site. The samples were collected and forwarded to SGS Forensic Analytical, for analysis by Polarized Light Microscopy (PLM) using EPA Method 600/R-93-116, Visual Area Estimation. Table 1 below provides a summary of those materials which tested

positive for asbestos based on laboratory analytical results. Please refer to the Attachments for a complete copy of the laboratory analytical report and Site Diagram with sampling locations.

Table 1: List of Asbestos Containing Materials (ACM)

(Note: The following table provides a summary of all asbestos materials found at the site)

Sample Number	Asbestos Containing Material	Location	% Asbestos (Chrysotile)*	Category & Friability
1, 2, 3	Exterior Texture Coat	Throughout Columns & Fascia (~1,800 sf)	Grey Non-Fibrous Material = ND Off-White Texture = 5% Paint = ND	Category II, Non-friable Material
7, 8, 9	Exterior Stucco	Throughout Eaves (~5,400 sf)	Grey Stucco = Trace (<1%) White Stucco = Trace (<1%) Paint = ND	Category II, Non-friable Material
19 & 20	Silver Paint on Vent Hoods and Mastic	18" Vent Stack & Vent Hoods – NE roof area (~184 sf)	Silver Paint/Sealant = 2%	Category I, Non-friable Material
21, 22, 23	Transite Panels	Roof Equipment HVAC Screen (~1,056 sf)	Grey Cement Panels = 15%	Category II, Non-friable Material
28	Pipe Gaskets	Mechanical Room 143 (4 observed)	Grey Gasket = 20%	Category I, Non-friable Material
35, 36	Brown Mastic (12" acoustic Wall Tile adhesive)	Mechanical Room 143 (~900 sf)	White Non-Fibrous Material = ND Brown Mastic = Trace (<1%) Tan Fibrous Material = ND Paint = ND	Category I, Non-friable Material
53, 67	Brown Cove Base Mastic	Throughout SW Hallway & Vault 141	Vinyl Cove Base = ND Beige Mastic = ND Brown Mastic = Trace (<1%) (Anthophyllite) Paint & White Plaster = ND	Category I, Non-friable Material
54	Drywall Joint Compound	Throughout Common Area #134	Grey Non-Fibrous Material = ND Beige & Brown Mastics = ND Paint = ND Joint Compound = 2%	Category II, Non-friable Material
55 - 59	Spray-Applied Fire Proofing	Throughout on Beams/Overspray except in Mech. Room 143 (~10,000 sf)	Fire Proofing = 5%	Friable RACM
61, 62	9x9" Beige/Grey VFT & Black Mastic	Hallway 110 Alcove & Presidents Foyer (~685 sf)	Grey Tile = 2% Black Mastic = 2%	Category I, Non-friable Material

Sample Number	Asbestos Containing Material	Location	% Asbestos (Chrysotile)*	Category & Friability
64, 65, 66	9x9" Off-White VFT & Black Mastic (Under Carpet)	Hall 163, Offices 155, 157, 161, 162, 164, 165 & 166 (~1,445 sf)	Beige Tile w/ Debris = ND Beige Tile = 3% Black Mastic = 3%	Category I, Non-friable Material
80	Black Mastic (Under Carpet)	Health Services Area (Extent Unknown. Found in Hall 122 but may be under new flooring in other areas)	Black Mastic w/debris = 2%	Category I, Non-friable Material
83	Drywall Joint Compound	Health Services Office Area (SE Quadrant)	White Drywall & Tape = ND Joint Compound = 2% Paint = ND	Category II, Non-friable Material
84	9" Off-White VFT & Black Mastic (Under Carpet)	Rooms 106 – 109, 109A, 109B, 109C & Vault (~1,200 sf)	Beige Mastic = ND Beige Tile = 3% Black Mastic = 3%	Category I, Non-friable Material
85 & 86	Mastics (Under Carpet)	Office 105 & Rm 101 (~650 sf)	Beige/Black Mastics = 2%	Category I, Non-friable Material
87 – 90	9" Off-White VFT & Mastic (Under Carpet)	Rooms 123 – 133, 137 & 138 (~1,600 sf)	Mastics w/ Debris = ND Beige Tile = 3% Black Mastic = 3%	Category I, Non-friable Material
91 & 92	Black Mastic (Under Carpet)	Staff Lounge 152, Mail Room 151, Offices 150, 153, 156, & 156 A (~1,180 sf)	Black Mastic = 3%	Category I, Non-friable Material
PACM	Fire Door to Vault	Room 142	Presumed ACM	Friable RACM
PACM	Mudded Pipe Elbows	Above Ceiling (Amt Unknown – 3 elbows observed)	Presumed ACM	Friable RACM
<p><i>ACM is Chrysotile asbestos unless otherwise noted.</i> <i>PACM = Presumed Asbestos Containing Material (material not sampled)</i> <i>ND = Asbestos Not Detected</i> <i>Please refer to the attached lab report, bulk sample log and sample plot plan for further information.</i></p>				

Materials Showing a “Trace” of Asbestos: The following suspect materials were tested and showed a “trace” or less than 1% asbestos by standard PLM methodology. Further analysis by more quantitative methods such as “Point Count” or transmission electron microscopy (TEM) would be required to quantify the actual concentration of asbestos in “trace” PLM sample results. Otherwise, these materials must be managed as ACM:

- Exterior stucco – throughout eaves and overhangs
- Brown wall tile mastic (used to adhere acoustic tiles) – mechanical room 143
- Brown cove base mastic – throughout SW hallway and vault 141

Materials Testing Negative for Asbestos: The following suspect materials sampled at this site tested negative for asbestos:

- Exterior window caulk – throughout exterior windows
- Exterior expansion joint fill – concrete walkways
- Roofing layers
- Roofing mastics – pitch pockets, curbs, penetrations, etc. [except areas w/ silver paint]
- Gasket – evaporator on roof pipe flange
- HVAC duct tape – mechanical room 143, hallway 110, teacher's lounge, etc.
- Interior plaster – mechanical room 143 & other areas (hallways, closets)
- 2' x 1' suspended ceiling tiles – hallways & common area
- 2' x 4' suspended ceiling tiles – all other areas
- Carpet glue – various locations
- Hard mudded pipe elbow – north entry above ceiling
- 12" beige VFT – room 102A
- 12" tan VFT – rooms 118, 115 & 121
- Spray applied fire proofing (light green) **in mechanical room 143 only** (all other areas tested positive for asbestos)

3.0 Lead-Based Paint Survey Findings

FCG was contracted to perform field testing to determine the presence of lead-based paint or lead components. A visual inspection of the site was conducted to identify areas of suspect lead-based paint or coatings. Screening for lead was conducted in the field using XRF methodology in accordance with current state and federal regulations. All field work was conducted by a Certified Lead Inspector/Assessor or Certified Lead Sampling Technician. The results of this survey will be used by contracting personnel to determine appropriate lead safe work practices prior to renovation work.

Background Information on Lead Paint Requirements: Several regulations apply to the disturbance and possible exposure to lead from paints and other coatings. Title 17 of the California Code of Regulations (CCR) applies to residences and buildings accessible to the public that were constructed prior to 1979, and schools constructed before 1993 where lead paint may exist. Cal-OSHA regulations found within Title 8 of the CCR apply to worker exposure as stated in the Lead-in-Construction Standard (8-CCR-1532.1). The EPA recently issued a final rule to address lead-based paint hazards created by renovation, repair and painting activities that disturb lead-based paint in target housing and child-occupied facilities.

The EPA's Lead Renovation, Repair and Painting (RRP) Program was passed into regulation requiring compliance with training and certification requirements per Title 40 of the Code of Federal Regulations (40 CFR Part 745). The RRP rule states that firms and individuals conducting renovations of target housing constructed before 1978 must assume that lead is present in all painted surfaces or coatings unless a written determination has been made by a Certified Inspector that the components affected by the renovation are free of paint or other surface coatings that contain lead equal to or in excess of 1.0 milligrams per square centimeter (mg/cm²) or 0.5% by weight.

Scope of Lead Testing Services: FCG's scope of services involved field testing through use of X-ray fluorescence (XRF) instrumentation, which provides instantaneous readings in the field. The XRF instrument is used because of its demonstrated abilities to accurately determine the amount of lead that is present without disturbing the painted surfaces, as well as their high speed and relatively low cost per sample. The XRF device is capable of measuring lead in both deteriorated and intact paint. See the Attachments to this report for more information on XRF sampling methodology.

Inspection Results: Per EPA and California regulations, paint or coatings are considered to be lead-based at concentrations at or above 1.0 milligram per square centimeter (mg/cm²) using XRF technology. FCG tested representative remaining surfaces throughout the subject site. Calibration tests were performed at the beginning of the survey and again at the end of the survey to document that the equipment was working properly. Based on the results of our survey using XRF testing methodology, we conclude the following:

- **Lead Based-Paint (LBP):** We have listed below those painted surfaces with lead concentrations at or above 1.0 milligrams per square centimeter (mg/cm²) using XRF equipment and are therefore considered positive for lead-based paint (LBP) per current state and federal regulations:
 - *White metal frame for equipment screen fence – Roof center, all sides*
 - *Brown metal ladder (roof access) – Room 143, A side*

- **Lead Components (Ceramic, Porcelain, etc.):** We have listed below those components such as ceramic tiles or porcelain fixtures with lead glazing that tested positive for lead at or above the regulatory level of 1.0 mg/cm². Although not considered a paint or coating by the EPA's RRP rule and HUD regulations, disturbance of these components may create a lead hazard which is regulated under current OSHA and CA regulations (Lead-in-Construction Standard) and may require special handling as part of site renovation work.
 - *White ceramic baseboard tiles – foyer to men's restroom*
 - *White ceramic wall tiles – men's restroom*
 - *White porcelain sink – men's restroom*
 - *White w/yellow spots ceramic baseboard tiles – foyer to women's restroom*
 - *White w/yellow spots ceramic wall tiles – women's restroom*
 - *White ceramic wall tiles – custodial closet at mop sink*

Refer to the attached data table for a summary of all XRF readings and the locations of lead-based materials. The A side noted on the table is the north side and the B, C and D sides continue clockwise around the subject site. A plot plan has also been provided to indicate the four sides of the site and the identified lead paint or lead components.

4.0 Conclusions & Recommendations

An asbestos and lead-based paint survey of the Administration Building has been completed per the terms of our agreement to define hazardous materials issues prior to future site work. Based on our visual observations and our evaluation of analytical data, we conclude the following:

Asbestos:

- 1) **Identified Asbestos Containing Materials (ACM) and PACMs:** The following materials were found to contain greater than 1% asbestos and are regulated as *Asbestos Containing Materials (ACM)* under current federal, state and local regulations. We have also listed materials that are presumed to contain asbestos but were not sampled and therefore must be managed as *Presumed Asbestos Containing Material (PACM)*:
 - **Exterior Texture/Surfacing (5% Chrysotile):** Located on the exterior columns and fascia areas with approx. 1,800 sq. ft. noted. This is a non-friable, Category II material.
 - **Roofing Mastic Silver Paint (2% Chrysotile):** Located on the NE section of the roof at an 18" vent stack and on vent hoods with approx. 184 sq. ft. This is a non-friable, Category I material.
 - **Transite Panels (15% Chrysotile):** Located on the roof used for equipment screen fencing to hide roof-mounted HVAC equipment with approx. 1,056 sq. ft. This is a non-friable, Category II material.
 - **Grey Gaskets (20% Chrysotile):** Located on piping flanges and valves in mechanical room (#143) with at least four (4) gaskets noted. Additional gaskets may exist in this area. This is a non-friable, Category I material.
 - **Drywall with Joint Compound (2% Chrysotile):** Located throughout common area (Rm. 134) and the Health Services Area (SE quadrant). The asbestos was detected only in joint compound found in seams and joints, with all other wallboard components testing negative (gypsum board, tape, paint, etc.). The total asbestos concentration of all composited materials is estimated to be less than one percent (<1%). However, due to the asbestos found in the joints and seams, any disturbance of the drywall must be conducted by trained and licensed asbestos workers. This is a non-friable, Category II material.
 - **Spray-Applied Fire Proofing (5% Chrysotile):** Located on structural beams with overspray as observed in the entryways and common areas, with all structural beams assumed to be coated with fireproofing. Fireproofing tested negative in the Mechanical Room (143). There is approximately 10,000 sq. ft. total. This is a friable, regulated asbestos containing material (RACM). (*Note: The spray-applied fireproofing in the Mechanical Room 143 was sampled and tested negative for asbestos. This area may have been constructed at a later date or abated and resprayed with non-asbestos material. This included insulation debris found on top of ducting in the SE corner of the room.*)

- **9x9” Beige/Grey Vinyl Floor Tiles (2%) & Black Mastics (2%):** Located in Hallway 110 alcoves and the president foyer, with approx. 685 sq. ft. Tiles and mastics are a non-friable, Category I materials.
 - **9x9” Off-White/Beige VFT (3%) & Black Mastic (3%):** Located in Hallway 163 and Offices 155, 157, 161, 162, 164, 165 & 166 (~1,445 sq. ft.), and in Rooms 106-109, 109A, 109B, 109C & Vault (~1,200 sq. ft.) and in Rooms 123-133 (~1,600 sq. ft.). The tiles and mastics are non-friable, Category I materials with an estimated total of 4,245 sq. ft.
 - **Black Mastic (2-3% Chrysotile):** Located under carpeting in the Health Services area (extent unknown) and in Office 105 & Room 101 with approximate total of 650 sq. ft. and under carpet within the Staff Lounge 152, Mail Room 151, Offices 150, 153, 156, & 156, with approximate total of 1,180 sq. ft. This is a non-friable, Category I material.
 - **Fire Doors (PACM):** At least one fire door was found at the vault entrance in Room 142. The door could not be sampled due to possible permanent damage and should be managed as a presumed asbestos containing material (PACM) until the door is ready for removal when the hardware can be removed to determine asbestos content of the door insulation. This should be managed as a friable, Regulated Asbestos Containing Material (RACM). Additional fire doors may exist within the structure and should be managed as PACM unless testing is conducted to rule out asbestos insulation in the door’s interior.
 - **Mudded Pipe Elbows (PACM):** Located above the suspended ceiling, at least 4 mudded elbows were observed during our inspection. These “hard” elbows are typically asbestos containing, but should be sampled to confirm asbestos content. All hard or mudded elbows should be managed as presumed asbestos (PACM) and a friable, Regulated Asbestos Containing Material (RACM).
- 2) **Materials with “Trace” (<1%) Asbestos:** The following materials were tested and found to contain less than 1% asbestos and therefore must be managed as Asbestos Containing Construction Materials (ACCM) unless additional testing is conducted to quantify the actual concentration of asbestos. Trace or less than 1% asbestos content was identified in the following materials:
- **Exterior Stucco on Eaves/Overhangs (<1% Chrysotile):** Located on the underside of exterior eaves or overhangs around the perimeter of the building. This is a non-friable, Category II material with an estimated total of ~5,400 sq. ft.
 - **Brown Mastic under Acoustic Wall Tiles (<1% Anthophyllite):** Located under 12” acoustic wall tiles in mechanical room 143 with approx. 900 sq. ft. noted This is a non-friable, Category I material.
 - **Brown Mastic behind Vinyl Cove Base (<1% Anthophyllite):** Located behind vinyl base throughout the lower walls of the southwest hallway and Vault 141. This is a non-friable, Category I material. This brown mastic may be located in other areas where vinyl cove base is found. Due to the difficulty in distinguishing

between the various mastics, all dark brown mastic should be considered positive for trace asbestos.

Asbestos Recommendations:

- All identified asbestos containing materials (ACM) and presumed ACM that will be disturbed as part of future site work must be managed in accordance with applicable federal, state and local regulations. Disturbance activities should be performed only by properly trained and licensed abatement contractors using appropriate controls to prevent fiber emissions during the removal process. This may include the use of wet methods (water mist), negative pressure containment, HEPA filtration and other engineering controls to keep fibers from being dispersed in accordance with current federal, state and local regulations.
- Workers performing removal should be properly protected to prevent exposure, including the use of respiratory protection with HEPA filtration, protective suits, etc. Engineering controls must be in place. Disturbance of greater than 100 sq. ft. of any ACM or ACCM must be performed by trained and licensed asbestos contractors that are currently registered with the Dept. of Occupational Safety & Health (DOSH or Cal/OSHA).
- The local enforcement agency for asbestos removal projects in this area is the Ventura County Air Pollution Control District (APCD). They require notification for removal of friable, regulated asbestos containing materials in quantities which exceed 100 square feet. Regardless of the quantities found, the survey report should be submitted for their review along with any required documentation or notifications for their review and approval. They also require notification for all demolition projects, including projects where a load-bearing wall is removed. Additional permit requirements may apply from the local Building Department. We recommend that you contact the local APCD and appropriate agencies directly for further information regarding permitting and regulatory requirements.
- Asbestos waste materials must be properly stored, transported and disposed in accordance with current regulations. Federal and State laws consider friable asbestos waste to be hazardous waste which must be properly manifested and transported to a permitted facility for disposal. Non-friable asbestos materials which remain in a non-friable state are typically disposed as non-hazardous, asbestos-containing waste. These wastes are often allowed in typical Class III or Construction Debris landfill with proper approvals. It is important that the landfill be advised of the asbestos content and friability of the waste stream before transporting in order to ensure disposal authorization. Compounds with less than 1% total asbestos are typically disposed as non-hazardous construction waste.
- The contractor conducting abatement work is responsible for complying with local, state and federal standards for worker protection and NESHAPS regulations regarding asbestos fiber emissions. Proper removal techniques must be followed to prevent the dissemination of asbestos fibers. Notification and permitting is typically the responsibility of the abatement contractor and/or property owner. If you would like assistance regarding these matters or would like the names of qualified contractors in your area, please feel free to contact FCG at (805) 646-1995.

- All quantities of asbestos materials provided in this report are estimates based on field observations and information provided, including previous survey reports and drawings. These estimated quantities are for informational purposes only and should not be relied upon for preparation of contracting bids or cost estimates quantities listed. All materials must be field verified by qualified contracting personnel prior to providing cost estimates or proposals for abatement.

Lead Paint & Lead Components:

- 1) The painted metal frame (white) of the equipment screen fence on the roof and the roof access ladder (brown) meet the definition of Lead-Based Paint (LBP) as noted in Section 3.0 of this report, with lead concentrations above the 1.0 mg/cm² regulatory level by XRF testing methods. These materials will require the implementation of lead-safe work practices if they are disturbed as part of future renovation activities. Please refer to the attached XRF data table for a complete list of all field readings for lead paint, with locations noted. The A side on the table is the north side of the site, with the B, C and D sides following in a clockwise direction around the site.
- 2) Ceramic wall tiles and baseboard tiles found in the restroom areas and custodial closet as noted in Section 3.0 above and the attached XRF data table were found to have lead concentrations above 1.0 mg/cm². At least one porcelain fixture also tested positive with lead levels above 1.0 mg/cm². It should be noted that lead is typically found in the glazing materials used to seal the ceramic tile or porcelain components. According to the EPA's Frequently Asked Questions page from their website (<http://www.epa.gov/lead/pubs/rrp-faq.pdf>), ceramic and porcelain glazing is neither a surface coating nor a painted surface. Therefore, renovations that disturb porcelain or ceramic glaze are not subject to the EPA's RRP Rule. However, disturbance or damage to components with high levels of lead may result in the generation of a lead hazard due to the potential for lead dust to be generated and create an exposure risk to workers and a possible contamination/disposal issue.
- 3) It is the responsibility of the contractor conducting LBP or lead component (ceramic tiles, porcelain, etc.) disturbance work to protect employees, the general public and prevent contamination of the site when disturbing lead. The contractor must comply with current OSHA regulations and the EPA's Renovation Repair and Painting (RRP) Rule, which requires the use of "lead safe work practices" when disturbing lead. This includes the use of wet methods, proper containment and dust controls during all disturbance work where lead dust may be generated. Proper clean-up using HEPA vacuums and damp wiping methods are also recommended. The use of mechanical means (i.e., sanding, grindings, etc.) to remove paint with detectable levels of lead is not recommended unless the equipment is properly equipped with HEPA exhaust. Please see the attached Lead Safe Work Practices for detailed information on proper work practices and procedures.
- 4) Lead waste materials should be properly contained and transported for off-site disposal at a properly permitted facility. Lead paint chips and similar lead waste is typically hazardous waste and must be properly manifested and disposed at a Class I landfill. If

necessary, waste characterization testing should be conducted to ensure proper handling and disposal.

- 5) Although many of the painted surfaces tested at the site do not meet the definition of LBP, any material containing *any detectable level of lead* is subject to Cal-OSHA's Construction Lead Standard (Title 8, CCR, Section 1532.1) which states that employers can assume that disturbance of coatings or materials shown to contain less than 600 ppm total lead will not result in exposures above the Action Level (30 ug/m³ lead in air). It is the responsibility of the employer to ensure that employees are not exposed above the Action Level or Permissible Exposure Limit per OSHA.

General: As our survey was limited to readily accessible areas only, there is potential that suspect materials previously unidentified could be discovered during future site work. This could include suspect materials located inside walls, under floors, above ceilings, etc. If suspect materials are found during site work, the area should be isolated and any suspect materials tested to confirm or deny the presence of asbestos, lead or other hazards.

Limitations Statement

The data compiled and evaluated as part of this assessment was limited and may not represent all conditions at the subject site. Asbestos was widely used until the late 1970's in thousands of building materials (i.e. joint compound, wallboard, thermal system insulation (TSI), acoustical ceiling, roofing material, etc.), making it difficult to locate all areas of ACM usage. This assessment reflects the data collected from the specific locations tested to identify Asbestos Containing Materials (ACM) in those locations and may not be all encompassing. There is always potential for asbestos containing materials to be missed due to problems with accessibility, and the broad variety of uses. The presence or absence of lead-based paint or lead-based paint hazards applies only to the tested or assessed surfaces on the date of the field visit. It should be understood that conditions noted within this report were accurate at the time of the inspection and in no way reflect the conditions at the property after the date of the inspection. All data collection, findings, conclusions and recommendations presented by FCG within this report are based upon limited data using current standard practices accepted within the industry. The conclusions and recommendations presented within this report are based on current regulations and the professional experience of the certified professionals involved in this project.

The data collected during this assessment and any resulting recommendations shall be used only by the client for the site described in this report. Any use or reliance of this report by a third party, including any of its information or recommendations, without the explicit authorization of the client shall be strictly at the risk of the third party.

It should not be misconstrued that this assessment has identified any or all environmental conditions at the subject site. FCG makes no representations regarding the accuracy of the enclosed data and will not be held responsible for any incidental or consequential loss or punitive damages including but not limited to, loss of profits or revenues, loss of use of a facility or land, delay in construction or action of regulatory agencies.

If you have any questions or concerns regarding the information provided, please do not hesitate to call us at 805.646.1995.

FCG Environmental



Alan Forbes, Principal Consultant (LRC No. 505/504)
CA Certified Asbestos Consultant (CAC No. 94-1549)

Attachments: 1 - Analytical Lab Report, Bulk Sampling Log & Field Plot (Asbestos)
2 - XRF Field Readings, Field Plot and XRF Sampling Methodology (Lead)
3 - FCG Inspector Certifications

Attachment 1

Laboratory Analytical Results for
Asbestos Bulk Samples

Bulk Sample Log Sheets/Chain-of-Custody

Field Plot with Sampling Locations



Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Forbess Consulting Group (FCG)
Alan Forbess
1009 Mercer Avenue

Ojai, CA 93023

Client ID: 7238
Report Number: B323027
Date Received: 09/15/21
Date Analyzed: 09/21/21
Date Printed: 09/21/21
First Reported: 09/21/21

Job ID/Site: VCCCD-3; Mourpark College Admin - Bldg; 7075 Campus Rd.

SGSFL Job ID: 7238
Total Samples Submitted: 92
Total Samples Analyzed: 92

Date(s) Collected: 09/13/2021

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1	51476713						
Layer: Grey Non-Fibrous Material			ND				
Layer: Off-White Texture		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (4%)					
Cellulose (Trace)							
2	51476714						
Layer: Off-White Texture		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (Trace)							
3	51476715						
Layer: Off-White Texture		Chrysotile	5 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (4%)					
Cellulose (Trace)							
4	51476716						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint/Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
5	51476717						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint/Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
6	51476718						
Layer: Grey Non-Fibrous Material			ND				
Layer: Paint/Coating			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7	51476719						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: White Cementitious Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
8	51476720						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: White Cementitious Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
9	51476721						
Layer: Grey Cementitious Material		Chrysotile	Trace				
Layer: White Cementitious Material		Chrysotile	Trace				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
10	51476722						
Layer: Beige Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
11	51476723						
Layer: Grey Non-Fibrous Material			ND				
Layer: Beige Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
12	51476724						
Layer: Beige Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
13	51476725						
Layer: Black Semi-Fibrous Tar with Stones			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)							
14	51476726						
Layer: Beige Non-Fibrous Material			ND				
Layer: Black Semi-Fibrous Tar with Stones			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (2 %)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
15	51476727						
Layer: Black Semi-Fibrous Tar with Stones			ND				
Layer: Black Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (2 %)		Asbestos (ND)					
16	51476728						
Layer: Black Non-Fibrous Material			ND				
Layer: White Coating			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
17	51476729						
Layer: Silver Paint			ND				
Layer: Black Non-Fibrous Material			ND				
Layer: White Coating			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
18	51476730						
Layer: Black Tar			ND				
Layer: Silver Paint			ND				
Layer: White Coating			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (ND)					
19	51476731						
Layer: Black Semi-Fibrous Tarw/ Silver Paint		Chrysotile	2 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
20	51476732						
Layer: Black Semi-Fibrous Tarw/ Silver Paint		Chrysotile	2 %				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (2%)					
21	51476733						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (15%)					
22	51476734						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace)		Asbestos (15%)					

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
23	51476735						
Layer: Grey Semi-Fibrous Material		Chrysotile	15 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (15%)					
Cellulose (Trace)							
24	51476736						
Layer: Green Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (55 %)							
25	51476737						
Layer: Off-White Woven Mat'l with Adhesive			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
26	51476738						
Layer: Off-White Woven Mat'l with Adhesive			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
27	51476739						
Layer: Green Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
28	51476740						
Layer: Grey Semi-Fibrous Material		Chrysotile	20 %				
Total Composite Values of Fibrous Components:		Asbestos (20%)					
Cellulose (Trace)							
29	51476741						
Layer: Tan Semi-Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (80 %)							
30	51476742						
Layer: Off-White Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)							
31	51476743						
Layer: Off-White Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
32	51476744						
Layer: Off-White Semi-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)							
33	51476745						
Layer: White Drywall			ND				
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
34	51476746						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
35	51476747						
Layer: White Non-Fibrous Material			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (15 %)	Talc (Trace)						
36	51476748						
Layer: White Non-Fibrous Material			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Tan Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (15 %)	Talc (Trace)						
37	51476749						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
38	51476750						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
39	51476751						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
40	51476752						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
41	51476753						
Layer: Beige Fibrous Tile			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
42	51476754						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
43	51476755						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
44	51476756						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
45	51476757						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
46	51476758						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
47	51476759						
Layer: Yellow Mastic with Debris			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (Trace)							
48	51476760						
Layer: Green Mastic with Debris			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (Trace)							
49	51476761						
Layer: Tan Mastic with Debris			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (Trace)							
50	51476762						
Layer: White Woven Material w/ Adhesive			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
51	51476763						
Layer: White Woven Material w/ Adhesive			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (70 %)							
52	51476764						
Layer: Beige Non-Fibrous Material			ND				
Layer: Beige Mastic			ND				
Layer: Paint			ND				
Layer: Drywall Backing			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)							
53	51476765						
Layer: Blue Non-Fibrous Material			ND				
Layer: Beige Mastic			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Paint			ND				
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
54	51476766						
Layer: Grey Non-Fibrous Material			ND				
Layer: Beige Mastic			ND				
Layer: Brown Mastic			ND				
Layer: Paint			ND				
Layer: Off-White Skimcoat/Joint Compound		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
55	51476767						
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (3 %)							
56	51476768						
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (3 %)							
57	51476769						
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (3 %)							
58	51476770						
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (3 %)							
59	51476771						
Layer: Off-White Semi-Fibrous Material		Chrysotile	5 %				
Total Composite Values of Fibrous Components:		Asbestos (5%)					
Cellulose (3 %)							
60	51476772						
Layer: White Plaster			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
61	51476773						
Layer: Grey Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
Comment: This comment applies to the Black Mastic only: Due to small sample size, this result may not be repeatable.							
62	51476774						
Layer: Beige/Grey Tile		Chrysotile	2 %				
Layer: Black Mastic		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
63	51476775						
Layer: Beige/Tan Tile			ND				
Layer: Black Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
64	51476776						
Layer: Beige Mastic with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
65	51476777						
Layer: Beige Mastic with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
66	51476778						
Layer: Beige Mastic with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
67	51476779						
Layer: Tan Non-Fibrous Material			ND				
Layer: Brown Mastic		Anthophyllite	Trace				
Layer: Paint			ND				
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace)							
Comment: This comment applies to the Brown Mastic only: Insufficient material for additional analyses.							
68	51476780						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
69	51476781						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Green Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
70	51476782						
Layer: Beige Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
71	51476783						
Layer: Beige Tile			ND				
Layer: Tan Mastic with Debris			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
72	51476784						
Layer: Brown Carpet and Foam			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace) Synthetic (45 %)							
73	51476785						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
74	51476786						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)							
75	51476787						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							
76	51476788						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: White Skimcoat/Joint Compounds			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (25 %)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
77	51476789						
Layer: Beige Sheet Flooring			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)	Synthetic (7 %)						
78	51476790						
Layer: Beige Sheet Flooring			ND				
Layer: White Woven Material			ND				
Layer: White Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)	Synthetic (7 %)						
79	51476791						
Layer: Beige Sheet Flooring			ND				
Layer: White Woven Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (7 %)	Synthetic (7 %)						
80	51476792						
Layer: Black/Beige Mastics with Carpet Debris		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)	Synthetic (Trace)						
81	51476793						
Layer: Beige Non-Fibrous Material			ND				
Layer: Beige Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
82	51476794						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %)	Fibrous Glass (45 %)						
83	51476795						
Layer: White Drywall			ND				
Layer: Drywall Tape			ND				
Layer: Off-White Skimcoat/Joint Compounds		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (25 %)							
84	51476796						
Layer: Beige Mastic			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
85	51476797						
Layer: Black/Beige Mastics		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
86	51476798						
Layer: Black/Beige Mastics		Chrysotile	2 %				
Total Composite Values of Fibrous Components:		Asbestos (2%)					
Cellulose (Trace)							
87	51476799						
Layer: Green/Beige Mastics with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace) Synthetic (Trace)							
88	51476800						
Layer: Green/Beige Mastics with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace) Synthetic (Trace)							
89	51476801						
Layer: Beige Mastic with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
90	51476802						
Layer: Beige Mastic with Debris			ND				
Layer: Beige Tile		Chrysotile	3 %				
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
91	51476803						
Layer: Black Mastic		Chrysotile	3 %				
Total Composite Values of Fibrous Components:		Asbestos (3%)					
Cellulose (Trace)							
92	51476804						
Layer: Black Mastic		Chrysotile	3 %				
Layer: Beige Mastic with Debris			ND				
Total Composite Values of Fibrous Components:		Asbestos (Trace)					
Cellulose (Trace) Synthetic (Trace)							

Client Name: Forbess Consulting Group (FCG)

Report Number: B323027

Date Printed: 09/21/21

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
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Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

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

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Client Name & Address: FCG Environmental 1009 Mercer Avenue Ojai, CA 93023		Client No.: 7238	PO / Job#: VCCCD-3	Date: 9/13/21
Contact: Alan Forbess, President		Turn Around Time: Same Day / 1Day / 2Day / 3Day / <u>4Day</u> / 5Day		
Phone: (805) 646-1995		Fax:		
E-mail: aforbess@fegenviro.com feg.bill@gmail.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435		
Site: MOORPARK COLLEGE ADMIN. BLDG.		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Microvac: <input type="checkbox"/> Qual(+/-) / <input type="checkbox"/> D5755(str/area) / <input type="checkbox"/> D5756(str/mass)		
Site Location: 7075 CAMPUS RD.		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project		
Comments: ADMIN. BLDG.		<input type="checkbox"/> Metals Analysis: Method: Matrix: Analytes:		
		Report Via: <input type="checkbox"/> Fax <input type="checkbox"/> E-Mail <input type="checkbox"/> Verbal		

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg. LPM	Total Time	
			A P C				
1-92		SEE ATTACHED LOGS	A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: WM / BF	Date: 9/13/21	Time: 8:00 - 9:00
Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> DHL <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:		
Relinquished By: <i>[Signature]</i>	Relinquished By:	Relinquished By:
Date / Time: 9/14/21 12:00 pm	Date / Time:	Date / Time:
Received By: <i>[Signature]</i>	Received By:	Received By:
Date / Time: 9-15-21 9:23 AM SEB	Date / Time:	Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCC
Site:	MOON PARK COLLEGE
Project:	VCCCD-3
Inspector(s):	WM LF
Area/Unit:	ADMIN BLDG.

1 of 8

Friable: Friability Codes: N=Non-friable; F=Friable
 Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
 ND=Detected
 N=Negative

1	EXT. TEXTURE COAT	NW CORNER	1800 SF	COLUMNS FASCIA	N	G
2	↓ ↓ ↓	SW CORNER	↓	↓	↓	↓
3	↓ ↓ ↓	SE CORNER	↓	↓	↓	↓
4	EXT. WINDOW CAULK	SE CORNER	800 LF	EXT. WINDOWS	N	G
5	↓ ↓ ↓	SW CORNER	↓	↓	↓	↓
6	↓ ↓ ↓	NW CORNER	↓	↓	↓	↓
7	EXT STUCCO	NW CORNER	5400 SF	EXT EAVES	N	G
8	↓ ↓	SW CORNER	↓	↓	↓	↓
9	↓ ↓	SE CORNER	↓	↓	↓	↓
10	EXT. EXPANSION JOINT FILL	WEST SIDE	200 LF	CONCRETE WALKWAYS	N	F
11	↓ ↓	NORTH SIDE	↓	↓	↓	↓
12	↓ ↓	SOUTH SIDE	↓			

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCD
Site:	MOON POND COLLEGE
Project:	VCCCD-3
Inspector(s):	WM/BF
Area/Unit:	ADMIN. BLDG

2 of 8

Friable: Friability Codes: N=Non-friable; F=Friable

Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed

ND=Detected

N=Negative

13	ROOF LAYERS	NE CORNER	18,000 SF		N	G
14	↓ ↓	SW ↓	↓		↓	↓
15	↓ ↓	SE ↓	↓		↓	↓
16	ROOF MASTIC	HVAC SCREEN PITCH POCKETS	100 SF	PITCH	N	G
17	↓ ↓	↓ ↓ SUPPORT PITCH POCKETS	↓	POCKETS	↓	↓
18	↓ ↓	18" VENT CURB	100 SF	FAN/VENT CURBS/PENS	N	G
19	↓ ↓	18" VENT STACK	4 SF	BLACK MASTIC ONYON STAIL	N	F
20	SILVER PAINT	EXHAUST FAN HOODS	180 SF	FAN HOODS	N	F
21	TRANSITE PANELS	HVAC SCREEN EAST SIDE	1056 SF		N	F
22	↓ ↓	↓ ↓ WEST SIDE	↓		↓	↓
23	↓ ↓	↓ ↓ NORTH SIDE	↓		↓	↓
24	GASKET	EVAPORATOR ON ROOF PIPE FLANGE	2		N	G

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCD
Site:	MOUNTAIN COLLEGE
Project:	VCCCD-3
Inspector(s):	WJ / BE
Area/Unit:	ADMIN BLDG.

3 of 8

Friable: Friability Codes: N=Non-friable; F=Friable
 Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
 ND=Detected
 N=Negative

25	HVAC DUCT TAPE	MECH SOUTH BLOWER ROOM 143 AT GASKET	T/6		N	F
26	↓ ↓ ↓	↓ NORTH DUCTING	↓		↓	↓
27	PIPE GASKET MECH ROOM	CONDENSER MECH RM. 143 WATER SUPPLY GREEN	7 GASKETS		↓	G
28	↓ ↓ ↓	↓ ↓ DARK GREY	4 GASKETS		↓	↓
29	↓ ↓ ↓	↓ ↓ OFF WHITE	2 GASKETS		↓	↓
30	SPRAY APPLIED FIRE PROOFING LIGHT GREEN	MECH 143 ROOM NORTH SIDE	900 SF		F	F
31	↓ ↓ ↓	↓ SOUTH SIDE	↓		↓	↓
32	↓ ↓ ↓	↓ DEBRIS ON DUCTING SE CORNER	↓	DEBRIS ON DUCTING T/6	↓	P
33	INT. PLASTER	WEST WALL	1600 SF		N	F
34	↓ ↓	↓ SOUTH WALL	↓		↓	↓
35	12" WALL TILES w/ MASTIC	EAST WALL	900 SF		F	F
36	↓ ↓	↓ SOUTHWEST CORNER	↓		↓	↓

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCO
Site:	MOORE PARK COLLEGE
Project:	VCCCO-3
Inspector(s):	WM/BF
Area/Unit:	ADMIN. BLDG.

Friable: Friability Codes: N=Non-friable; F=Friable
 Cond: Condition Codes: G=Good; F=Fair; P=Poor

4 of 8

NA=Not Analyzed
 ND=Detected
 N=Negative

37	2x1' CEILING TILES (DROP CEILING)	HALL 110 NORTH END	5200 SF	HALLWAYS & COMMON AREA	F	F
38	}	↓ ↓ SOUTH END	}	}	}	}
39		HALL 154				
40		SW HALL OFF 134				
41		COMMON AREA 134				
42		2x4' DROP CEILING TILE				
43	}	HALLWAY 163	}	}	}	}
44		OFFICE 126 A				
45		136				
46		137				
47	CARPET GLUE	COMMON AREA 134	7500 SF		N	G
48	↓ ↓	SW HALL	↓			

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCD
Site:	MOORPARK COLLEGE
Project:	VCCCD-3
Inspector(s):	WA / ZP
Area/Unit:	ADMIN BLDG

5 of 8

Friable: Friability Codes: N=Non-friable; F=Friable
 Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
 ND=Detected
 N=Negative

49	CARPET GLUE	MAIL ROOM #15	↓		↓	↓
50	HVAC DUCT TAPE (LOTH)	HALL 110 NORTH ENT	UNK		N	G
51	↓ ↓	TEACHERS LOUNGE #152	↓		↓	↓
52	4" TAN COUC BASE w/ MASTIC	MAIL ROOM #15	T70		N	G
53	4" BWE COVER BASE w/ MASTIC	SW HALL	↓		↓	↓
54	4" GRAY COVER BASE w/ MASTIC	COMMON AREA #134	↓		↓	↓
55	SPRAY APPLIED FIRE PROOFING	WEST ENTRY	10,000 SF	BEAMS/OVER SPRAY	F	F
56	} } ↓ ↓	SOUTH ENTRY	} } ↓ ↓		} } ↓ ↓	} } ↓ ↓
57		NORTH ENTRY				
58		EAST ENTRY				
59		COMMON AREA #134				
60	HARD MUDDIED ELBOW	NORTH ENTRY ABOVE LID	↓		F	F

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCD
Site:	MOURPAUL COLLEGE
Project:	VCCCD-3
Inspector(s):	nm/BF
Area/Unit:	ADMIN. BLDG.

6 of 8

Friable: Friability Codes: N=Non-friable; F=Friable

Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed

ND=Detected

N=Negative

61	9" VFT OFF WHITE	HALL 110 ALCOVE	1400 SF	685 SF	N	F
62	↓ ↓	PRESIDENT FOYER #100	↓		↓	↓
63	↓ ↓	VAULT #141	↓		↓	↓
64	9" VFT DAN OFF WHITE	HALL #163	1400 SF	ROOMS 106-109B AND VAULT	N	F
65	↓ ↓	OFFICE #157	↓		↓	↓
66	↓ ↓	↓ 165	↓		↓	↓
67	2" TAN COVERAGE	VAULT #141	T/O	VAULT	N	F
68	INT. PLASTER	RESTROOM CLOSET	T/O		N	G
69	↓ ↓	SW HALL	↓		↓	↓
70	↓ ↓	HALL 110 SOUTH END	↓		↓	↓
71	12" VFT BEIGE	102 A	55 SF		↓	↓
72	CARPET W/MASTIC	101 CLOSET	20 SF		↓	↓

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCD
Site:	MOORPARK COLLEGE
Project:	VCCCD-3
Inspector(s):	LA / BF
Area/Unit:	ADMIN BLDG

7 of 8

Friable: Friability Codes: N=Non-friable; F=Friable
 Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
 ND=Detected
 N=Negative

73	DRYWALL w/ JOINT COMP	ROOM # 108		HEALTH SERV. AND OFFICES	N	G
74	↓ ↓	ROOM 115		(SE QUADRENT)	↓	↓
75	↓ ↓	112 RECP.		↓	↓	↓
76	↓ ↓	119 STORAGE		↓	↓	↓
77	12" VFT TAN	ROOM 115	370 SF		N	G
78	↓ ↓	118	↓		↓	↓
79	↓ ↓	121	↓		↓	↓
80	BLACK MASTIC UNDER CARPET	HALL # 122 NORTH		UNDER CARPET IN HEALTH SERVICES	N	F
81	4" TAN COURSE w/ MASTIC	↓ ↓ SOUTH			↓	G
82	2X4' CEILING TILE STRIATED HOLE	ROOM 112	1000 SF	HEALTH SERV.	F	G
83	DRYWALL w/ JOINT COMP	↓ 107		(SE QUADRENT)	N	G
84	9" VFT OFF WHITE	↓ 109	1200 SF 222 SF	106, 107, 108, 109, 109A, 109B	↓	F

Forbess Consulting Group Inc.

Asbestos Bulk Sampling Field Log

Date:	9/13/21
Client:	VCCCD
Site:	MAURPAIK COLLEGE
Project:	VCCCD-3
Inspector(s):	km/BF
Area/Unit:	ADMIN BLDG

Friable: Friability Codes: N=Non-friable; F=Friable
 Cond: Condition Codes: G=Good; F=Fair; P=Poor


8 of 8


NA=Not Analyzed
 ND=Detected
 N=Negative

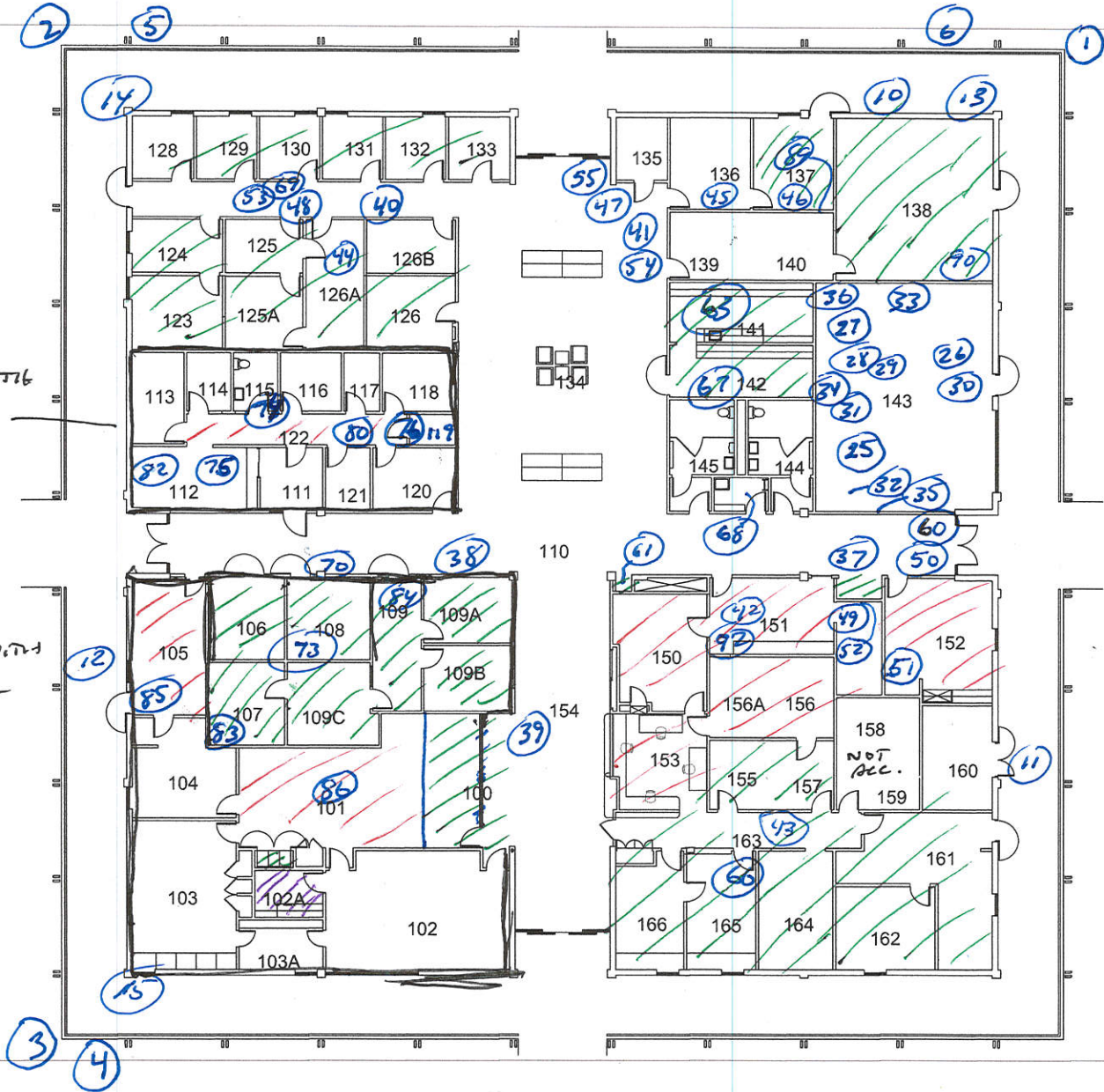
85	BLACK MASTIC	OFFICE 105	650 SF 200 SF	105 & 101 UNDER CPT	N	F
86	↓ ↓	Room 101	↓	↓	↓	↓
87	9" VFT OFF OFF W/MASTIC UT.	124	1600 SF	ROOMS 123-133 UNDER CPT	N	F
88	↓ ↓	↓ 132	↓	↓ ↓	↓	↓
89	↓ ↓	↓ 137	↓	↓ ↓	↓	↓
90	↓ ↓	↓ 138	↓	↓ ↓	↓	↓
91	BLACK MASTIC UNDER CPT	STAFF LOUNGE # 152		↓ ↓	N	F
92	↓ ↓ ↓	MAIL ROOM # 151		↓ ↓	↓	↓
PACM	FIRE DOOR TO VAULT	Room 142	1		N	G
PACM	HARD MUDDIED ELBOWS	ABOVE DROP CEILING	UNIK	3 NOTED	F	F

Asbestos Plot Plan Moorpark College Admin. Bldg. (9/21)



 AREAS WITH
DRYWALL

 AREAS WITH
DRYWALL



111 9" VFT
OFF WHITE

111 12" VFT
BEIGE

BLACK MASTIC
UNDER CAP 111

MOORPARK COLLEGE
ADMINISTRATION

Scale: 1/16" = 1'-0"
when printed on 11 x 17

Attachment 2

XRF Field Readings from Lead Based Paint Survey

Field Plot with LBP and Lead Components

XRF Sampling Methodology

Table of XRF Lead Readings
Moorpark College – Administration Building
7075 Campus Road, Moorpark, CA 93021
[A Side = North]

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm ²
CALIBRATE						Positive	1.1
CALIBRATE						Positive	1.1
CALIBRATE						Positive	1.1
WALL	BRICK	A	INTACT	TAN	OUTSIDE	Negative	0
WALL	BRICK	B	INTACT	TAN	OUTSIDE	Negative	0
WALL	BRICK	C	INTACT	TAN	OUTSIDE	Negative	0
WALL	BRICK	D	INTACT	TAN	OUTSIDE	Negative	0
WALL	BRICK	D	INTACT	TAN	OUTSIDE	Negative	0
COLUMN	PLASTER	A	INTACT	WHITE	OUTSIDE	Negative	0
COLUMN	CONCRETE	A	INTACT	WHITE	OUTSIDE	Negative	0
HANDRAIL	WOOD	A	FAIR	RED	OUTSIDE	Negative	0
DOOR	WOOD	A	INTACT	BEIGE	OUTSIDE	Negative	0.02
DOOR FR	METAL	A	INTACT	BROWN	OUTSIDE	Negative	0.12
MECH VENT	METAL	A	FAIR	TAN	OUTSIDE	Negative	0.1
OVERHANG	PLASTER	A	INTACT	WHITE	OUTSIDE	Negative	0
FASCIA	CONCRETE	A	INTACT	WHITE	OUTSIDE	Negative	0
WINDOW	METAL	A	INTACT	BROWN	OUTSIDE	Negative	0.07
WINDOW FR	METAL	A	INTACT	BROWN	OUTSIDE	Negative	0.05
WINDOW	METAL	B	INTACT	BROWN	OUTSIDE	Negative	0.11
WINDOW	METAL	C	INTACT	BROWN	OUTSIDE	Negative	0.04
DOOR	WOOD	C	INTACT	BEIGE	OUTSIDE	Negative	0.05
DOOR FR	WOOD	C	INTACT	BROWN	OUTSIDE	Negative	0.07
WINDOW	METAL	D	INTACT	BROWN	OUTSIDE	Negative	0.22
WALL	PLASTER	B	INTACT	WHITE	RM 143	Negative	0
WALL	PLASTER	C	INTACT	WHITE	RM 143	Negative	0
WALL	PLASTER	D	INTACT	WHITE	RM 143	Negative	0
DRIP EDGE FLASHING	METAL	A	POOR	WHITE	OUTSIDE ROOF	Negative	0.05

Table of XRF Lead Readings (Continued)

Moorpark College – Administration Building

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm ²
MECH WALL	TRANSITE	A	FAIR	WHITE	OUTSIDE ROOF	Negative	0
MECH WALL	TRANSITE	B	FAIR	WHITE	OUTSIDE ROOF	Negative	0.01
MECH WALL	TRANSITE	C	FAIR	WHITE	OUTSIDE ROOF	Negative	0
MECH WALL	TRANSITE	D	FAIR	WHITE	OUTSIDE ROOF	Negative	0
MECH WALL FR	METAL	A	FAIR	WHITE	OUTSIDE ROOF	Positive	15.4
ANTENNA POLES	METAL	A	POOR	WHITE	OUTSIDE ROOF	Negative	0.01
PIPE	METAL	A	FAIR	WHITE	OUTSIDE ROOF	Negative	0
SAT DISH PLATFORM	METAL	A	FAIR	WHITE	OUTSIDE ROOF	Negative	0
LRG ROOF VENT	METAL	A	FAIR	SILVER	OUTSIDE ROOF	Negative	0
EVAPORATOR	METAL	C	POOR	GREY	OUTSIDE ROOF	Negative	0
LADDER TO ROOF	METAL	A	FAIR	BROWN	RM 143	Positive	18.1
DOOR	WOOD	A	INTACT	TAN	RM 143	Negative	0.04
DOOR FR	METAL	A	INTACT	BROWN	RM 143	Negative	0.07
BASEBOARD	CERAMIC TILE	ALL SIDES	INTACT	WHITE	FOYER TO MENS RR	Positive	9.2
FLOOR	CERAMIC TILE	A	INTACT	GREEN	FOYER TO MENS RR	Negative	0
WALL	PLASTER	A	INTACT	BEIGE	FOYER TO MENS RR	Negative	0.01
WALL	PLASTER	B	INTACT	BEIGE	FOYER TO MENS RR	Negative	0.03
WALL	PLASTER	C	INTACT	BEIGE	FOYER TO MENS RR	Negative	0.02
WALL	PLASTER	D	INTACT	BEIGE	FOYER TO MENS RR	Negative	0.04
WALL	PLASTER	A	INTACT	BEIGE	MENS RR	Negative	0.01
WALL	PLASTER	B	INTACT	BEIGE	MENS RR	Negative	0.04
WALL	PLASTER	C	INTACT	BEIGE	MENS RR	Negative	0.02
WALL	PLASTER	D	INTACT	BEIGE	MENS RR	Negative	0.02
CEILING	PLASTER	D	INTACT	BEIGE	MENS RR	Negative	0.02
WALL	CERAMIC TILE	ALL SIDES	INTACT	WHITE	MENS RR	Positive	18
SINK	PORC	D	INTACT	WHITE	MENS RR	Positive	6.5
URINAL	PORC	D	INTACT	WHITE	MENS RR	Negative	0
TOILET	PORC	D	INTACT	WHITE	MENS RR	Negative	0.01
DOOR	WOOD	A	INTACT	BROWN	MENS RR	Negative	0

Table of XRF Lead Readings (Continued)

Moorpark College – Administration Building

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm ²
DOOR FR	METAL	A	INTACT	GREY	MENS RR	Negative	0.06
DOOR FR	METAL	A	INTACT	GREY	FOYER TO WOMENS RR	Negative	0.08
DOOR	WOOD	A	INTACT	BROWN	FOYER TO WOMENS RR	Negative	0.01
BASEBOARD	CERAMIC TILE	ALL SIDES	INTACT	WHITE WITH YELLOW SPOTS	FOYER TO WOMENS RR	Positive	7.2
FLOOR	CERAMIC TILE	ALL SIDES	INTACT	YELLOW	FOYER TO WOMENS RR	Negative	0.01
WALL	CERAMIC TILE	ALL SIDES	INTACT	WHITE WITH YELLOW SPOTS	WOMENS RR	Positive	6.4
SINK	PORC	B	INTACT	WHITE	WOMENS RR	Negative	0
SINK	PORC	B	INTACT	WHITE	WOMENS RR	Negative	0
WALL	PLASTER	A	INTACT	BEIGE	WOMENS RR	Negative	0.02
WALL	PLASTER	B	INTACT	BEIGE	WOMENS RR	Negative	0.02
WALL	PLASTER	C	INTACT	BEIGE	WOMENS RR	Negative	0.01
WALL	PLASTER	D	INTACT	BEIGE	WOMENS RR	Negative	0.03
CEILING	PLASTER	D	INTACT	BEIGE	WOMENS RR	Negative	0.01
CEILING	PLASTER	D	INTACT	BEIGE	CUSTODIAL CLOSET	Negative	0.04
TRIM	PLASTER	A	INTACT	BEIGE	CUSTODIAL CLOSET	Negative	0
TRIM	PLASTER	B	INTACT	BEIGE	CUSTODIAL CLOSET	Negative	0
WALL	PLASTER	C	FAIR	TAN	CUSTODIAL CLOSET	Negative	0.02
WALL	PLASTER	D	FAIR	TAN	CUSTODIAL CLOSET	Negative	0.02
WALL AT MOP SINK	CERAMIC TILE	B	FAIR	WHITE	CUSTODIAL CLOSET	Positive	8.5
WALL AT MOP SINK	CERAMIC TILE	C	FAIR	WHITE	CUSTODIAL CLOSET	Positive	8.5
FLOOR	CERAMIC TILE	B	INTACT	TAN	NORTH SIDE HALLWAY	Negative	0.02
FLOOR	CERAMIC TILE	B	INTACT	TAN	MAIN ENTRY LOBBY	Negative	0.02
WALL	MINIBLIND	A	INTACT	BEIGE	MAIN ENTRY LOBBY	Negative	0
WALL	PLASTER	A	INTACT	BEIGE	MAIN ENTRY LOBBY	Negative	0.01
WALL	WOOD	A	INTACT	GREY	MAIN ENTRY LOBBY	Negative	0
WALL	BRICK	A	INTACT	WHITE	MAIN ENTRY LOBBY	Negative	0.01
WALL	PLASTER	B	INTACT	WHITE	MAIN ENTRY LOBBY	Negative	0
WALL	WOOD	B	INTACT	WHITE	MAIN ENTRY LOBBY	Negative	0
DOOR FR	METAL	D	INTACT	BROWN	MAIN ENTRY LOBBY	Negative	0.2

Table of XRF Lead Readings (Continued)

Moorpark College – Administration Building

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm ²
WINDOW FR	METAL	D	INTACT	BROWN	MAIN ENTRY LOBBY	Negative	0.07
WINDOW FR	METAL	B	INTACT	BROWN	RM 102	Negative	0.03
WALL	BRICK	A	INTACT	WHITE	RM 102	Negative	0
WALL	BRICK	B	INTACT	WHITE	RM 102	Negative	0.04
WALL	WOOD	C	INTACT	BROWN	RM 102	Negative	0
WALL	WOOD	D	INTACT	BROWN	RM 102	Negative	0
DOOR	WOOD	C	INTACT	BROWN	RM 102	Negative	0
DOOR FR	METAL	C	INTACT	BROWN	RM 102	Negative	0.09
DOOR FR	METAL	A	INTACT	BROWN	LRG LOBBY	Negative	0.14
DOOR	METAL	A	INTACT	BEIGE	LRG LOBBY	Negative	0.07
WALL	PLASTER	A	INTACT	BEIGE	LRG LOBBY	Negative	0.01
WALL	PLASTER	B	INTACT	BEIGE	LRG LOBBY	Negative	0.06
COLUMN	CONCRETE	B	INTACT	BEIGE	LRG LOBBY	Negative	0.04
WALL	PLASTER	C	INTACT	BEIGE	LRG LOBBY	Negative	0.01
WALL	PLASTER	D	INTACT	BEIGE	LRG LOBBY	Negative	0.08
DOOR	WOOD	C	INTACT	BEIGE	SW HALLWAY	Negative	0.04
DOOR FR	METAL	C	INTACT	BROWN	SW HALLWAY	Negative	0.07
WALL	BRICK	C	INTACT	BEIGE	SW HALLWAY	Negative	0
WALL	PLASTER	D	INTACT	BEIGE	SW HALLWAY	Negative	0
WALL	PLASTER	B	INTACT	BEIGE	SW HALLWAY	Negative	0
WALL	PLASTER	A	INTACT	WHITE	RM 123B	Negative	0.04
WALL	PLASTER	B	INTACT	WHITE	RM 123B	Negative	0.03
WALL	PLASTER	D	INTACT	WHITE	RM 123B	Negative	0.03
WALL	BRICK	C	INTACT	WHITE	RM 123B	Negative	0.07
WINDOW FR	METAL	C	INTACT	BROWN	RM 123B	Negative	0.04
WALL	BRICK	A	INTACT	WHITE	RM 138	Negative	0.03
WALL	BRICK	D	INTACT	WHITE	RM 138	Negative	0.02
WALL	PLASTER	B	INTACT	WHITE	RM 138	Negative	0.05
WALL	PLASTER	C	INTACT	WHITE	RM 138	Negative	0.03

Table of XRF Lead Readings (Continued)

Moorpark College – Administration Building

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm ²
CABINET	WOOD	B	INTACT	WHITE	RM 138	Negative	0
DOOR	METAL	A	INTACT	BEIGE	RM 138	Negative	0.02
DOOR FR	METAL	A	INTACT	BROWN	RM 138	Negative	0.12
DOOR FR	WOOD	C	INTACT	BROWN	RM 138	Negative	0
DOOR TR	WOOD	C	INTACT	BROWN	RM 138	Negative	0
DOOR JM	WOOD	C	INTACT	BROWN	RM 138	Negative	0
DOOR	WOOD	C	INTACT	BROWN	RM 138	Negative	0
DOOR	WOOD	B	INTACT	YELLOW	RM 115 RR	Negative	0
DOOR FR	METAL	B	INTACT	BROWN	RM 115 RR	Negative	0.03
WALL	DRYWALL	B	INTACT	YELLOW	RM 115 RR	Negative	0
WALL	DRYWALL	A	INTACT	YELLOW	RM 115 RR	Negative	0
WALL	DRYWALL	B	INTACT	YELLOW	RM 115 RR	Negative	0
WALL	DRYWALL	C	INTACT	YELLOW	RM 115 RR	Negative	-0.71
WALL	DRYWALL	D	INTACT	YELLOW	RM 115 RR	Negative	0
CALIBRATE						Positive	1.1
CALIBRATE						Positive	1
CALIBRATE						Positive	1

* White ceramic Baseboard tiles Foyer Mens RR
 * White wall ↓ Men's RR
 * ↓ Custodian closet
 * ↓ w/yellow spec Baseboard Foyer Women's RR
 * ↓ wall tile Women's RR

D

* Not Marked on plot but
 White Metal Frame for Mech Wall on
 Roof. Center of Bldg. Positive LBP

Ceramic tiles and
 porcelain fixtures
 with lead glazing
 in restrooms.

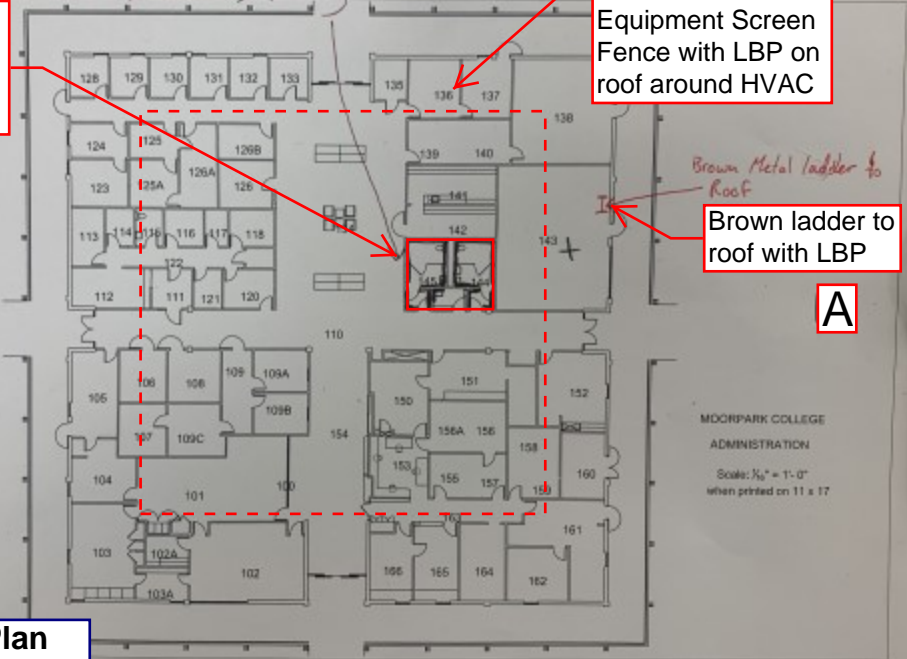
White frame on
 Equipment Screen
 Fence with LBP on
 roof around HVAC

C

Brown Metal ladder to
 Roof

Brown ladder to
 roof with LBP

A



MOORPARK COLLEGE
 ADMINISTRATION
 Scale: 1/8" = 1'-0"
 when printed on 11 x 17

**Lead Plot Plan
 Moorpark College
 Admin. Bldg.**

B

Project North →

XRF Sampling Methodology: All inspections include a visual inspection of site surfaces to identify painted components and general site conditions. Field testing is performed by a CA Certified Lead Inspector/Assessor using a Niton X-Ray fluorescence (XRF) lead paint analyzer. The XRF sampling method uses a field instrument (X-Ray Fluorescence or XRF gun) to characterize suspect painted surfaces and components. XRF equipment is used to sample materials suspected of being coated with lead-based paint and lead-containing materials by “reading” the suspect materials through direct contact. The advantage of this method is that it provides instantaneous results and is a non-destructive method which allows for the collection of as many samples as time allows for the daily cost of the instrument. This survey method can also identify lead in ceramic tiles, porcelain or other suspect building materials. The survey attempts to define the extent of LBP and estimate quantities where possible. Paint is determined positive using the CA Dept. of Health Services criteria of 1.0 milligrams per square centimeter (mg/cm²). During the survey, the front or main side of the building is typically designated as the “A” side, with the remaining sides designated as “B”, “C” and “D” continuing in a clockwise manner. Where appropriate, a field sketch or plot plan is provided.

Instrument Calibration: The calibration of the Niton XLP 300A X-Ray fluorescence (XRF) instrument is done in accordance with the Performance Characteristic Sheet (PCS) for this instrument. These XRF instruments are calibrated using a calibration standard block of known lead content. Three calibration readings are taken before and after each property is tested to ensure manufacturer’s standards are met. If the inspection is longer than 4 hours, a set of 3 calibration readings must be taken before the 4 hours expires, and then an additional 3 calibration readings taken at the end of the inspection. If for any reason the instruments are not maintaining a consistent calibration reading within the manufacturer’s standards for performance on the calibration block supplied by the manufacturer, manufacturer’s recommendations are used to bring the instrument into calibration. If the instrument cannot be brought back into calibration, it is taken off the site and sent back to the manufacturer for repair and/or re-calibration.

Inspector Training and Qualifications: All inspectors utilized by FCG are Certified Lead Inspectors/Assessors, having obtained certification through the *California Department of Public Health (CDPH)*. All inspectors have taken a State-certified 40-hour Inspector/Assessor course and passed the State Inspector/Assessor Exam. All FCG field personnel have also been trained in the use, calibration and maintenance of the X-Ray Fluorescence (XRF) equipment they currently use, along with necessary principles of radiation safety through a training program provided by the manufacturer.

Equipment Information: The field instrument used on this project was a Niton Model XLP 300A X-Ray fluorescence (XRF) lead paint analyzer (Serial No. 10106). The Niton instrument uses a high performance, electrically-cooled, solid-state detector optimized for lead (Pb) analysis using L-shell and K-shell x-ray detection. This instrument allows for XRF spectrum analysis in the field with automatic Positive/Negative decision and automatic corrections for substrate bias and age of source. All negative classifications in all paint-test modes are verified by negative K-shell x-ray readings. Please see Attachment 2 for a copy of the Performance Characteristic Sheet provided by Niton for the XLP 300A instrument. This document contains detailed information regarding the XRF instrument calibration, inconclusive range or thresholds for various substrates, operating parameters and other information. For more information on the Niton Model XLP 300A instrument, please visit the following website: www.thermo.com/niton

Attachment 3

FCG Inspector Certifications



Alan W. Forbess, Certifications (2022)

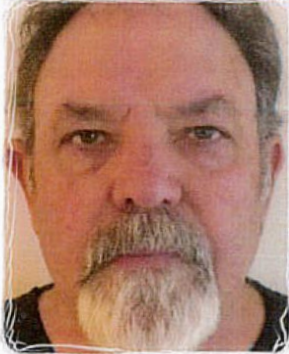
State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant



Alan Wayne Forbess
Name

Certification No. **94-1549**


Expires on **01/12/22**

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

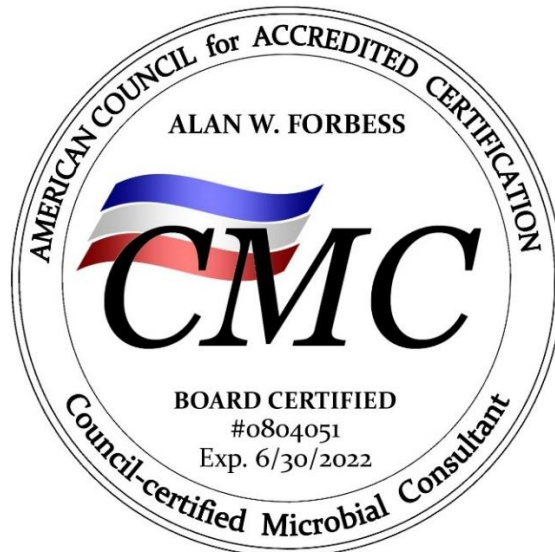


 STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH 

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 Alan Forbess	Lead Inspector/Assessor Lead Project Monitor	LRC-00000505 LRC-00000504	6/18/2022 6/18/2022

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



FCG Staff Certifications – William A. Miller

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


William A Miller
Name




Certification No. 07-4160

Expires on 03/22/22


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



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 William Miller	Lead Inspector/Assessor Lead Project Monitor	LRC-0000721 LRC-0000720	6/13/2022 6/13/2022

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



ENVIRONMENTAL NETWORK CORPORATION
16750 Valley View Avenue, La Mirada, California 90638
 (714) 523-9811 Fax (714) 523-9810
 main@encorp.net

Certificate Number: NIOSH582-022508-001

This is to certify that

William Miller
000-00-7208

has attended and satisfactorily completed the course in
Sampling and Evaluating Airborne Asbestos Dust
NIOSH 582 Equivalent

on this day
 February 29, 2008


William Bohning
Course Instructor


Miguel Orozco
Laboratory Manager

Blake Forbess Certifications 2022

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



Blake R Forbess
Name

Certification No. **18-6328**


Expires on **11/15/22**

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



 STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH 

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 Blake Forbess	Lead Sampling Technician	LRC-00003725	10/31/2022

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