



## **LIMITED ASBESTOS AND LEAD SURVEY**

Floor and Paint Project  
McKinley Elementary School  
2401 Santa Monica Boulevard  
Santa Monica, California 90404

**Prepared for:**

Santa Monica-Malibu Unified School District  
1651 Sixteenth Street  
Santa Monica, California 90404

Project No.: SMSD-16-6281

Date: November 28, 2016

**Alta Environmental**

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## EXECUTIVE SUMMARY

Alta Environmental conducted a limited survey for asbestos, and lead in paint for the floor and paint project to be completed at McKinley Elementary School located at 2401 Santa Monica Boulevard, Santa Monica, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Initial investigation to locate suspect asbestos-containing materials (ACM), and lead in paint;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces;
- Direct readings of lead painted surfaces with an x-ray fluorescence spectrum analyzer; and
- Laboratory analysis of samples collected.

ACMs were detected in building areas affected by the project. Removal may be subject to regulation under USEPA 40 CFR 61, locally enforced by South Coast Air Quality Management District (SCAQMD) and Cal/OSHA regulation (Title 8 CCR Section 1529).

Inaccessible areas such as under cabinets and sinks were not evaluated during this inspection. These areas may contain asbestos-containing floor tiles. These areas should be evaluated prior to demolition if the components will be removed. Rooms 98C and 98G in Building A were not accessible during this inspection.

Lead-based paints (LBPs) was detected on building areas affected by the project. Impacts to LBP when disturbed for construction purposes are subject to Cal/OSHA worker protection requirements, such as but not limited to initial employee exposure monitoring, worker protection etc. Impacts to LBP may also be subject to California Department of Public Health requirements if results of worker exposure monitoring exceed the Cal/OSHA permissible exposure limit.

Lead-containing paints (LCP) were detected in building areas affected by the project. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

Coated materials such as ceramics, toilets, sink, urinal, etc. were not included in our scope of work per District request.

Refer to section 5 in this report for a summary of findings.

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**REPORTED:** November 28, 2016

**PROJECT NO.:** SMSD-16-6281

**CLIENT:** Santa Monica-Malibu Unified School District  
Facilities Improvements Projects  
2828 4<sup>th</sup> Street  
Santa Monica, California 90405

**ATTENTION:** Mr. Chris Emmett

**REF:** Limited Asbestos and Lead Survey  
Floors and Paint Project  
McKinley Elementary School  
2401 Santa Monica Boulevard  
Santa Monica, California 90404

## **1 INTRODUCTION**

Alta Environmental conducted a limited survey for asbestos, and lead in paint for the floor and paint project to be completed at McKinley Elementary School located at 2401 Santa Monica Boulevard, Santa Monica, California 90404.

## **2 PROJECT BACKGROUND**

Santa Monica-Malibu Unified School District retained Alta Environmental for the limited survey. The survey was completed by Fabian Ruvalcaba, a Cal/OSHA Certified Asbestos Consultant and California Department of Public Health (CDPH) Certified Inspector Assessor and Anthony Vicente an EPA Accredited Asbestos Building Inspector. The inspection was completed on October 11, 2016.

## **3 SCOPE OF WORK**

The limited survey included the following:

- Initial investigation to locate suspect asbestos-containing materials (ACM), and lead in paint;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces;
- Direct readings of lead painted surfaces with an x-ray fluorescence (XRF) spectrum analyzer; and
- Laboratory analysis of samples collected.

The following buildings were included in the survey scope of work:

- Building A (Cafeteria Building)
- Building B (Classrooms 109-210)

- Building C (Library)
- Building E (Kindergarten)

## 4 METHODOLOGY

### 4.1 Asbestos

Bulk samples of representative observed construction materials were collected. The sampling was conducted using guidelines set forth in *Federal Register 40 CFR Part 763*. Alta Environmental conducted an initial walkthrough of the Site to develop a listing and sampling scheme of suspect materials. Samples were placed in sealable sample containers and assigned a unique identification number.

Bulk samples collected from the site were subsequently analyzed by polarized light microscopy (PLM) for asbestos content in accordance with the United States Environmental Protection Agency's (USEPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1993*, at AQ Environmental Laboratories located in Signal Hill, California. a laboratory accredited by the National Voluntary Laboratory Accreditation Program.

One bulk sample was reported to contain low levels of asbestos, less than 1% (<1%), a gravimetric reduction followed by point count analysis is recommended. Gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points are counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Samples were analyzed following (USEPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1999*". A gravimetric reduction followed by point count analysis was performed by the laboratory at the request of the District. Results are incorporated in this report.

Based on the requirements of the USEPA as set forth in *40 CFR 763*, a homogeneous material is defined as "an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in color and texture." Furthermore, the regulation requires that a minimum number of samples be collected from each identified homogeneous material. If one sample in a homogeneous material is found to contain asbestos, the entire homogeneous material is considered to be asbestos-containing.

Caution is advised in interpreting results provided herein.

### 4.2 Lead

Representative painted surfaces were tested using a portable XRF spectrum analyzer of representative painted surfaces. The XRF used was the LPA-1, manufactured by Radiation Monitoring Devices (RMD) of Watertown, Massachusetts. XRF readings were taken by using the device "Quick" mode option. No time setting is required with this option since the device automatically adjusts its reading time to the different paint substrates for precision. The duration of each test result was determined by the substrate density in combination with the age of the radioactive source of the device and the actual reading relative to the

abatement level (threshold) chosen. The testing includes a unique combination of room equivalent, building component type, and substrate.

An XRF Performance Characteristic Sheet (PCS) developed jointly by the U.S. Department of Housing and Urban Development (HUD) and the USEPA for the RMD LPA-1 was used. The PCS provides information necessary to conduct an inspection of LBP using a specific XRF device. Based on the PCS, no inconclusive readings in the “Quick” mode were encountered for LBP on brick, concrete, drywall, metal, plaster or wood substrates.

Field calibration checks were performed prior, during and after each XRF lead inspection to determine that the device was functioning within acceptable limits (tolerance) determined by the manufacturer. Three readings of a red 1.04 mg/cm<sup>2</sup> Standard Reference Material (SRM) paint film, developed by the National Institute of Standard and Technology (NIST), were taken in the “Time Corrected” mode option during each calibration check. Each set of readings was averaged and compared to the PCS calibration check limit for the device. Please refer to Appendix H Field Notes, for documentation of the quality-control calibration checks.

Paint chip samples were collected to determine the weight percent concentration in the painted surfaces that were analyzed by XRF and reported below the USEPA, HUD or Los Angeles County action levels. Paint chip samples were collected for construction safety as defined by *Title 8 CCR Section 1532.1*. Paint chip sample analysis was conducted by EPA Method SW846/7420 at AQ Environmental Laboratory, located in Signal Hill, California, a laboratory accredited by the Environmental Laboratory Accreditation Program.

## **5 RESULTS**

### **5.1 Asbestos**

ACMs are those materials found to contain greater than one percent asbestos by weight as determined by the PLM method of analysis. These materials are subject to regulation under USEPA *40 CFR 61*, *local South Coast Air Quality Management District (SCAQMD)*. These materials are also subject to Cal/OSHA regulation (*Title 8 CCR Section 1529*) when disturbed for construction purposes.

Asbestos-containing construction materials (ACCM) are those materials reported to contain less than one percent (<1%) by PLM or greater than one tenth of one percent (>0.1%) using a 1,000 point count analysis. ACCMs are subject to Cal-OSHA regulation when disturbed for construction purposes.

**Summary of ACMs:**

<b>Material</b>	<b>Sample No.</b>	<b>Material Location</b>	<b>Asbestos Content</b>	<b>Est. Qty.</b>
<b>Building B (Classrooms 109-210)</b>				
12" Beige and White Floor Tile with Black mastic	B19, B20, B21	Basement Stairway	3% Chrysotile-Tile 5% Chrysotile- Mastic	50 sq.ft.
<b>Building C (Auditorium/Classrooms)</b>				
9" Beige Floor Tile with Black Mastic	C19, C20, C21	Rooms 101, West Hallway under Blue Tile	3% chrysotile-tile 6% chrysotile-mastic	3,000 sq.ft.
Wood flooring	Not samples	Auditorium area	Assumed ACM, inaccessible for sampling	3,000 sq.ft.
12" Dark Green Floor Tile with Black Mastic	C61, C62, C63	206A	2% chrysotile-tile 3%-5% chrysotile-mastic	300 sq.ft.
<b>Building E (Kindergarten)</b>				
Beige Floor Tile with Mastic (under tile and carpet)	E4, E5, E6	71E, 70, Lounge, Throughout Building (Under Blue Floor Tile & Carpet)	5% Chrysotile- tile 3% Chrysotile- Mastic	4,500 sq.ft.

Inaccessible areas such as under cabinets and sinks were not evaluated during this inspection. These areas may contain asbestos-containing floor tiles. These areas should be evaluated prior to demolition if the components will be removed.

The results for all other materials sampled were reported as "none detected," based on the limitations of the analytical method. Please refer to Appendix A for a complete listing of materials sampled, locations, and material conditions.

**5.2 Lead**

Lead-based paint, according to, the State of California, HUD and the USEPA is defined as paint or other surface coating with lead content equal to or greater than 1.0 mg/cm<sup>2</sup> of surface area by XRF testing or 5,000 parts per million (ppm) by paint chip analysis. However, a more stringent level has been established

by the Los Angeles County Department of Health Services, which defines “dangerous level of lead-bearing substances” as paint or other surface coating with lead content greater than 0.7 mg/cm<sup>2</sup> (*Los Angeles County Code, Title 11, Chapter 11.28, Section 11.28.010 C*).

**Summary of LBP:**

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm <sup>2</sup> /PPM)
024, 030, 034, 119, 141, 132, 143	XRF	All interior walls (painted various colors)	B, C	White/intact	Plaster	1.9, 2.0, 0.8, 3.1, 6.2 mg/cm <sup>2</sup>
008, 012, 018, 035, 120, 133, 140, 144	XRF	Window Casing (painted various colors)	B, C	White-green-brown/intact	Wood	0.8, - >9.9 mg/cm <sup>2</sup>
028, 138	XRF	Rail cap (stairs)	B and C stairways	White/intact	Wood	0.8, 2.9 mg/cm <sup>2</sup>
PC-16 016	PC & XRF	Door	Exterior A, B, D C and interior C basement	Pink/intact	Metal	5,700 ppm < 6.6 mg/cm <sup>2</sup>
064	XRF	Door casing	A, west center exterior	White/intact	Wood	0.8 mg/cm <sup>2</sup>
124	XRF	Truss	C interior metal structure	White/intact	Metal	0.8 mg/cm <sup>2</sup>
135, 137	XRF	Stage and stage trim	C, Auditorium area	Green/intact	Wood	5.4, 6.9 mg/cm <sup>2</sup>

Lead-containing paints (LCP) per Cal/OSHA *Title 8 CCR, Section 1532.1(d)* are defined as paints reported with any detectable levels of lead by paint chip analysis. When disturbed for construction purposes, these surfaces are subject to Cal/OSHA exposure assessment requirements. Amongst other things, this regulation requires initial employee exposure monitoring to evaluate worker exposure during work tasks that disturbs paint with any detectable level of lead. If airborne lead levels are above the established

Cal/OSHA action limit or permissible exposure limit, additional monitoring and respiratory protection are required.

### **Summary of LCP**

LCP was detected during this survey. Refer to Appendix I for a listing of identified lead-containing paints.

Component results are summarized in Appendix D Paint Chip Sample List and Appendix E Analytical Results.

## **6 CONCLUSIONS AND RECOMMENDATIONS**

The limited survey was conducted to identify asbestos in flooring materials including floor tiles, carpet, sheet vinyl etc. and base coves, and lead in paint in the interiors of all classrooms (except restrooms) and exterior trims of in buildings A, B, C, and E (all permanent buildings on site). No other areas, or buildings were included in the Alta scope of work.

Coated materials such as ceramics, toilets, sink, urinal, etc. were not included in our scope of work per District request.

Inaccessible areas such as under cabinets and sinks were not evaluated during this inspection. These areas may contain asbestos-containing floor tiles. These areas should be evaluated prior to demolition if the components will be removed. Rooms 98C and 98G in Building A were not accessible during this inspection.

Alta Environmental recommends that during removal, or demolition, if suspect ACMs or lead materials are discovered, that the materials be assumed to contain asbestos and lead. The suspect ACM and lead materials should be properly characterized by a Cal-OSHA certified professional prior to disturbance or removal.

Certain notification requirements apply to owners of buildings constructed prior to 1979 where asbestos is known to be present. California Health and Safety Code 25915-25915.7 requires that all employees working within a building known to contain asbestos be informed, in writing, initially and annually thereafter of its presence, location, procedures and handling restrictions, results for any sampling conducted in the building and potential health risks of asbestos. Additionally, notification shall be provided to contractors, maintenance workers or others.

### **6.1 Asbestos**

ACMs have been identified at the Site. Refer to Section 5 in this report for a summary of ACMs.

Removal of ACMs should be conducted by a licensed asbestos abatement contractor utilizing isolation control methods and dispose of properly. Workers handling ACM shall be asbestos trained and shall wear the appropriate personal protective equipment. Removal shall be conducted in accordance with South Coast Air Quality Management District (SCAQMD) Procedures 1 and or 3 as necessary.

Damaged asbestos materials should be removed, repaired, encapsulated or enclosed. The USEPA (locally enforced by South Coast Air Quality Management District (SCAQMD) requires that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The USEPA

recommends that a proactive, in-place management program be put in place whenever asbestos is discovered in a building. Asbestos materials that are not damaged may be managed in place with a good operations and maintenance (O&M) program.

Material quantities included in this report are of observed material and provided as a best estimate for information only and shall not be used as a reliable quantity by any contractor for preparing removal bids. The contractor shall be solely responsible for assessing the type, extent, and quantity of material to be removed in each area of the project in preparing each project bid.

Several bulk samples were reported to contain low levels of asbestos, less than 1% (<1%), a gravimetric reduction followed by point count analysis is recommended. Gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points are counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Samples were analyzed following (USEPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1999*. A gravimetric reduction followed by point count analysis was performed by the laboratory at the request of the District. Results are incorporated in this report.

## **6.2 Lead**

Lead-based paints (LBPs) was detected on building areas affected by the project. Impacts to LBP when disturbed for construction purposes are subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc. Impacts to LBP may also be subject to California Department of Public Health requirements if results of worker exposure monitoring exceed the Cal/OSHA permissible exposure limit.

An O&M program is also recommended for the identified LBP in good condition. An O&M program or interim control is a set of measures designed to temporarily reduce human exposure or possible exposure to LBP hazards. Such measures may include specialized cleaning, repairs, maintenance, painting, temporary containment and management and resident education programs. Visual monitoring conducted by owners and/or reevaluations by risk assessors are integral elements of an interim control. An initial evaluation of potential LBP hazard by a certified risk assessor is recommended for a successful implementation of the interim controls.

Abatement (e.g., stabilization) is recommended for damaged LBP, or if the condition of the materials noted as being in good condition should change. According to Federal regulations and guidelines, LBP abatement is the permanent (defined as designed to last at least 20 years or, in case of encapsulation, a 20-year product warranty) elimination of LBP hazards through replacement, enclosure, encapsulation, paint removal and cleaning to remove lead-contaminated dust.

Work activities impacting LBP pose a potential exposure risk for workers and/or building occupants. Workers trained in proper safety and respiratory techniques should perform renovation activities that may impact the LBP described in this report.

### *Lead-containing Paints*

LCPs have been identified at the Site. Refer to Section 5 in this report for a summary of LCP.

Workers who disturb surfaces with lead-containing paint are subject to regulation under *Title 8 CCR, Section 1532.1 (d)*. These requirements include awareness training, monitoring to determine worker exposure. This regulation requires initial and on-going (if necessary) employee exposure monitoring to evaluate lead work exposure that disturbs paint with any detectable level of lead. Alta Environmental suggests that engineering controls, respiratory protection and personal protective equipment be employed at the start of any project that disturbs painted surfaces.

#### *Lead-waste Disposal*

Waste generated during removal or demolition of LBP and LCP components must be properly segregated into separate waste streams. Each waste stream should be randomly sampled and analyzed for lead by the California Waste Extraction Test for comparison to the Total Threshold Limit Concentration (TTLC), and Soluble Threshold Limit Concentration (STLC) and by Toxicity Characteristic Leaching Procedure (TCLP) as required, to determine the final disposition of the waste.

## **7 ASSUMPTIONS AND LIMITATIONS**

This report was prepared exclusively for use by Santa Monica-Malibu Unified School District and may not be relied upon by any other person or entity without Alta Environmental's express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. Alta Environmental cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the current standard of practice for similar types of studies.

As applicable, Alta Environmental has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, Alta Environmental accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Alta Environmental will not accept any liability for loss, injury claim, or damage arising directly or indirectly from any use or reliance on this report. Alta Environmental makes no warranty, expressed or implied.

This report is issued with the understanding that the client, the property owner, or its representative is responsible for ensuring that the information, conclusions, and recommendations contained herein are brought to the attention of the appropriate regulatory agencies, as required.

Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes. Nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals and notifications should in all cases be addressed in a separate and independent bidding and contract document.

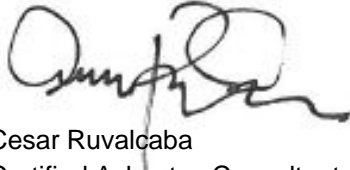
If you have any questions, please do not hesitate to contact the undersigned at (562) 495-5777. We appreciate the opportunity to be of service to Santa Monica-Malibu Unified School District.



## 8 SIGNATORY

Respectfully submitted by:

**Alta Environmental**

A handwritten signature in black ink, appearing to read 'Cesar Ruvalcaba', written over a faint horizontal line.

Cesar Ruvalcaba  
Certified Asbestos Consultant  
Cal/OSHA Cert. #95-1799  
Lead Inspector/Assessor, Project Monitor  
CDPH Cert. #6855

# Appendix A

**Asbestos Field Bulk Sample List**

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building A (Cafeteria)***

<b>Material</b>	<b>Sample No.</b>	<b>Asbestos Content</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Approx. Qty.</b>	<b>Friable</b>	<b>Damage</b>
12" Green with White Streaks Floor Tile with Adhesive	A-1	None Detected	98 D- West Center	Cafeteria, 98D, 98F, 97A, Throughout Buildings	6,000 sq. ft	No	No
12" Green with White Streaks Floor Tile with Adhesive	A-2	None Detected	97A- East Center by Exit				
12" Green with White Streaks Floor Tile with Adhesive	A-3	None Detected	Kitchen- Northeast Corner				
4" Black Cove Base with Adhesive	A-4	None Detected	98D- West Center				
4" Black Cove Base with Adhesive	A-5	None Detected	Kitchen- West Center by 98G				
4" Black Cove Base with Adhesive	A-6	None Detected	97A- East Center by Exit				

Note: Room 98C and 98G were not accessible at the time of the inspection.

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

**Building B (Classroom 109-210)**

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Yellow Adhesive Dark Gray Carpet	B-1	None Detected	Room 109- West Center by Exit	Room 109, 110,108,107, 207,208, 209,210	4,000 sq. ft	No	No
Yellow Adhesive Dark Gray Carpet	B-2	None Detected	Room 110- Southeast Corner				
Yellow Adhesive Dark Gray Carpet	B-3	None Detected	Room 110- Northeast Corner				
4" Dark Blue Cove Base with Adhesive	B-4	None Detected	Room 109- West Center by Exit	Room 109, 110, 109A, 108, 107, B112, 207, 208, Hallways, 2nd Floor, 209, 210	1,800 sq. ft	No	No
4" Dark Blue Cove Base with Adhesive	B-5	None Detected	Room 110- East Center by Entrance				
4" Dark Blue Cove Base with Adhesive	B-6	None Detected	Room 109A- Northwest Corner				
Gray Leveling Compound	B-7	None Detected	Room 109- West Center by Exit	Room 109, 110 (under carpet)	1,000 sq. ft	No	No
Gray Leveling Compound	B-8	None Detected	Room 110- Southeast Corner				
Gray Leveling Compound	B-9	None Detected	Room 110- East Center				
12" Light Blue Speckled Floor Tile with Adhesive	B-10	None Detected	Room 110- Southeast Corner by Exit	Room 109, 110, stairs/hallways, 107A, 108, 107, 208, 207, 208A, 209, 210	2,800 sq. ft	No	No
12" Light Blue Speckled Floor Tile with Adhesive	B-11	None Detected	Room 110- Southeast Corner				
12" Light Blue Speckled Floor Tile with Adhesive	B-12	None Detected	North Center of East Stairway Hallway				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

**Building B (Classroom 109-210)**

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White Vinyl Sheet Flooring	B-13	None Detected	110- Southeast	Room 110 (under carpet)	100 sq. ft	No	No
White Vinyl Sheet Flooring	B-14	None Detected	110- East Center				
White Vinyl Sheet Flooring	B-15	None Detected	110- South Center				
Brown Sheet Vinyl Flooring with Black Felt Paper Under Carpet	B-16	None Detected	Doorway between 109,110	Room 110, 109, 108, 107, 207, 208, 209, 210	4,000 sq. ft	No	No
Brown Sheet Vinyl Flooring with Black Felt Paper Under Carpet	B-17	None Detected	Room 109 West Center by Exit				
Brown Sheet Vinyl Flooring with Black Felt Paper Under Carpet	B-18	None Detected	108 Center				
12" Beige and White Floor Tile with Black mastic	B-19	3% Chrysotile- Floor Tile 5% Chrysotile- Mastic	Basement Stairway- Northeast Corner	Basement Stairway	50 sq. ft	No	No
12" Beige and White Floor Tile with Black mastic	B-20	3% Chrysotile- Floor Tile 6% Chrysotile- Mastic	Basement Stairway- Southeast Corner				
12" Beige and White Floor Tile with Black mastic	B-21	3% Chrysotile- Floor Tile 5% Chrysotile- Mastic	Basement Stairway- Center				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building B (Classroom 109-210)***

<b>Material</b>	<b>Sample No.</b>	<b>Asbestos Content</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Approx. Qty.</b>	<b>Friable</b>	<b>Damage</b>
Black Residual Mastic Under Carpet and under Floor Tile	B-22	None Detected	207- North Center by Entrance	207-210 North End Under Carpet on Concrete, 107-110 North End Under Carpet on Concrete, Hallways, Stairways Under 12" Blue Floor Tile	3,000 sq. ft	No	No
Black Residual Mastic Under Carpet and under Floor Tile	B-23	None Detected	209- Northeast Corner				
Black Residual Mastic Under Carpet and under Floor Tile	B-24	None Detected	2nd Floor West Stair Hallway				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
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***Building C (Administration/Classrooms)***

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" Dark Blue Floor Tile with Adhesive	C-1	None Detected	Room 100- South Center by Exit	100, IT	900 sq. ft	No	No
12" Dark Blue Floor Tile with Adhesive	C-2	None Detected	Room 100- Center				
12" Dark Blue Floor Tile with Adhesive	C-3	None Detected	Room 100- West Center				
Adhesive for Dark Carpet	C-4	None Detected	Room 100- East Center	100, 101, 102, 103, 104, 88, 105, Library Hallway, 85, Library	13,000 sq. ft	No	No
Adhesive for Dark Carpet	C-5	None Detected	Room 101- Center				
Adhesive for Dark Carpet	C-6	None Detected	Room 102- South Center by Exit				
4" Black Cove Base with Adhesive	C-7	None Detected	Room 100- East Center	Room 100 schak	800 sq. ft	No	No
4" Black Cove Base with Adhesive	C-8	None Detected	Room 100- South Center				
4" Black Cove Base with Adhesive	C-9	None Detected	Room 100- East Center				
12" Light Blue Floor Tile with Adhesive	C-10	None Detected	Room 100- West Center Front of Sink	100, Hallways, 102, 101, 103, 88, 105, 202AB, 205,206,203,202	15,000 sq. ft	No	No
12" Light Blue Floor Tile with Adhesive	C-11	None Detected-tile <0.1% chrysotile-mastic (by 1,000 point count analysis)	East Hallway North Center by Entrance to 102				
12" Light Blue Floor Tile with Adhesive	C-12	None Detected	103 Southeast Corner by Sink				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
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**PROJECT NAME:** McKinley Elementary School

***Building C (Administration/Classrooms)***

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4" Blue Cove Base with Adhesive	C-13	None Detected	Hallway between 100/101 by Boys Restroom	Hallways, 101, 102, 103, 88,65, Library Hallway, 85, Library	700 linear ft	No	No
4" Blue Cove Base with Adhesive	C-14	None Detected	102- Northwest Corner by Pillar				
4" Blue Cove Base with Adhesive	C-15	None Detected	103-East Center				
12" Purple Speckled Floor Tile with Adhesive	C-16	None Detected	Hallway Between 100/101 in front of Boys Restroom-North Center	Hallway Between 100/101	90 sq. ft	No	No
12" Purple Speckled Floor Tile with Adhesive	C-17	None Detected	Hallway Between 100/101 in front of Boys Restroom-Southeast Corner				
12" Purple Speckled Floor Tile with Adhesive	C-18	None Detected	Hallway Between 100/101 in front of Boys Restroom-Southwest Corner				
9" Beige Floor Tile with Black Mastic	C-19	3% chrysotile-tile 6% chrysotile-mastic	Room 101- Center	Rooms 101, West Hallway under Blue Tile	3,000 sq. ft	No	No
9" Beige Floor Tile with Black Mastic	C-20	3% chrysotile-tile 6% chrysotile-mastic	Room 101- North Center by Entrance				
9" Beige Floor Tile with Black Mastic	C-21	3% chrysotile-tile 3% chrysotile-mastic	Room 101- South Center				



**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building C (Administration/Classrooms)***

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Brown Flooring with Black Felt Paper	C-22	None Detected	Room 102- South Center by South Exit	Room 102, 103, Library, 105, 106, 206, 205	5,400 sq. ft	No	No
Brown Flooring with Black Felt Paper	C-23	None Detected	Room 206- Center				
Brown Flooring with Black Felt Paper	C-24	None Detected	103- Southeast Corner by Sink				
Residual Black Mastic on Concrete	C-25	None Detected	Hallway Center Between 103,105-	North End of Classrooms 102, 103, East Hallway under 12" Blue Floor Tile, 104, All Entry Ways under Blue 12" Floor Tile & Hallways, 105, 85, 106, 203, and adjacent Hallway, 206, 205, 203, 200A,B and Entry Ways	6,500 sq. ft	No	No
Residual Black Mastic on Concrete	C-26	None Detected	102- North Center				
Residual Black Mastic on Concrete	C-27	None Detected	103-North Center				
10" Dark Blue Floor Tile	C-28	None Detected	Hallway- Center	East Hallway	100 sq. ft	No	No
10" Dark Blue Floor Tile	C-29	None Detected	Hallway- South Center				
10" Dark Blue Floor Tile	C-30	None Detected	Hallway- Southeast Corner				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

**Building C (Administration/Classrooms)**

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4" Beige Cove Base with Adhesive	C-31	None Detected	Lobby- West Center	Principals Office, Assistant Principals Office, Main Lobby, 83A, 33, Nurse Office 83	500 linear ft	No	No
4" Beige Cove Base with Adhesive	C-32	None Detected	Room 83 Nurses Office- West Center				
4" Beige Cove Base with Adhesive	C-33	None Detected	Principals Office North Center				
Dark Gray Vinyl Flooring	C-34	None Detected	83A at Entrance	83A, Lobby, Nurse Office, 83B	600 sq. ft	No	No
Dark Gray Vinyl Flooring	C-35	None Detected	Nurse Office- East Center				
Dark Gray Vinyl Flooring	C-36	None Detected	Nurse Office- West Center				
Beige Vinyl Flooring	C-37	None Detected	Lobby West Center in Front of 84	Lobby	300 sq. ft	No	No
Beige Vinyl Flooring	C-38	None Detected	Lobby Southeast by Exit				
Beige Vinyl Flooring	C-39	None Detected	Lobby Center in Front of Desk				
Leveling Compound from Dark Brown Carpet	C-40	None Detected	Principals Office-Center	Principals Office, Assistant Principal, Lobby	1,500 sq. ft	No	No
Leveling Compound from Dark Brown Carpet	C-41	None Detected	Assistant Principal- Center				
Leveling Compound from Dark Brown Carpet	C-42	None Detected	Lobby- Center				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building C (Administration/Classrooms)***

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" Light Blue Speckled Floor Tile with Adhesive	C-43	None Detected	84 Teacher Room- Center	Teachers Room	300 sq. ft	No	No
12" Light Blue Speckled Floor Tile with Adhesive	C-44	None Detected	84 Teacher Room- Northeast				
12" Light Blue Speckled Floor Tile with Adhesive	C-45	None Detected	84 Teacher Room- Northwest				
Blue Floor Tile under 12" Light Blue Floor Tile	C-55	None Detected	Teachers Lounge- Center	Teachers Lounge under Floor Tile	300 sq. ft	No	No
Blue Floor Tile under 12" Light Blue Floor Tile	C-56	None Detected	Teachers Lounge- Northeast				
Blue Floor Tile under 12" Light Blue Floor Tile	C-57	None Detected	Teachers Lounge- Northwest				
Wood Flooring	Assumed	Assumed ACM	Auditorium	Auditorium area assumed based on expienced with similar mateirlas. Inaccessibile for sampling	3,000 sq. ft	No	No
12" Black Tile with Yellow Glue Two Layer	C-58	None Detected	105- Center	105, 106 Under Carpet Felt	1,800 sq. ft	No	No
12" Black Tile with Yellow Glue Two Layer	C-59	None Detected	106- Center				
12" Black Tile with Yellow Glue Two Layer	C-60	None Detected	105- Southeast				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building C (Administration/Classrooms)***

<b>Material</b>	<b>Sample No.</b>	<b>Asbestos Content</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Approx. Qty.</b>	<b>Friable</b>	<b>Damage</b>
12" Dark Green Floor Tile with Black Mastic	C-61	2% chrysotile-tile 5% chrysotile-mastic	206A- Center	206A	300 sq. ft	No	No
12" Dark Green Floor Tile with Black Mastic	C-62	2% chrysotile-tile 3% chrysotile-mastic	206A- Northeast				
12" Dark Green Floor Tile with Black Mastic	C-63	2% chrysotile-tile 3% chrysotile-mastic	206- Northwest				
Black Felt Paper on Brown Flooring	C-64	None Detected	205- Center	205, 206, 203, 202	5,400 sq. ft	No	No
Black Felt Paper on Brown Flooring	C-65	None Detected	206- Center				
Black Felt Paper on Brown Flooring	C-66	None Detected	203- Center				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building E (Kindergarten)***

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" Blue Speckled Floor Tile with Adhesive	E-1	None Detected	71E East Center Under Sink	71E, 72, 70, Lounge Curriculum Laboratory, 71E, 71D	4,000 sq. ft	No	No
12" Blue Speckled Floor Tile with Adhesive	E-2	None Detected	73 West Center by Exit				
12" Blue Speckled Floor Tile with Adhesive	E-3	None Detected	70 Northeast Corner Front of Sink				
Beige Floor Tile with Mastic (under tile and carpet)	E-4	None Detected	71E East Center Under Sink	71E, 70, Lounge, Throughout Building (Under Blue Floor Tile & Carpet)	4,500 sq. ft	No	No
Beige Floor Tile with Mastic (under tile and carpet)	E-5	5% Chrysotile- Floor Tile 3% Chrysotile- Mastic	70 Northeast Corner Front of Sink				
Beige Floor Tile with Mastic (under tile and carpet)	E-6	5% Chrysotile- Floor Tile 3% Chrysotile- Mastic	Curriculum Labatory Northwest Corner by Restroom				
Yellow Adhesive from Dark Gray Carpet	E-7	None Detected	73 Center	73, Lounge, 70, 710	2,000 sq. ft	No	No
Yellow Adhesive from Dark Gray Carpet	E-8	None Detected	73 East Center				
Yellow Adhesive from Dark Gray Carpet	E-9	None Detected	Lounge Cetner				

**MATERIAL INVENTORY  
ASBESTOS SAMPLES**

**CLIENT:** Santa Monica Malibu USD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

***Building E (Kindergarten)***

<b>Material</b>	<b>Sample No.</b>	<b>Asbestos Content</b>	<b>Sample Location</b>	<b>Material Location</b>	<b>Approx. Qty.</b>	<b>Friable</b>	<b>Damage</b>
4" Black Cove Base with Adhesive	E-10	None Detected	71E East Center Under Sink	71E, 73, Throughout Building, Curriculum Laboratory, 70, Lounge	600 linear ft	No	No
4" Black Cove Base with Adhesive	E-11	None Detected	73 East Center				
4" Black Cove Base with Adhesive	E-12	None Detected	Lounge South Center				



**ALTA**  
ENVIRONMENTAL

A

**Asbestos Field Bulk Sample List**

Client: \_\_\_\_\_  
 Project No.: 16-G281  
 Project Name: McKibben ES

Technician: Anthony V  
 Date: 10/11/16  
 Page: 1 of \_\_\_\_\_

*Building A - Cafeteria*

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	N/D	12' green w/ white streaks	A-1	98D W C/T	Cafeteria, 98D, 98F, 97A throughout Building	6000 sq ft	N	N
		Flt with adhesive	-2	97A E C/T by exit				
			-3	Kitchen NE corner				
		Black cover base w/ adhesive	-4	98D w/c/t		600 sq ft		
			-5	Kitchen W C/T by 98G				
			-6	97A E C/T by EXIT				

98C, 98G Inaccessible



**ALTA**  
ENVIRONMENTAL

B

**Asbestos Field Bulk Sample List**

Client: \_\_\_\_\_

Technician: Anthony V.

Project No.: SMSD-16-6281

Date: 10/11/16

Project Name: Mckelvey ES

Page: 1 of 3

Build B (Rms 109-210)

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D			
WP	fa	Yellow adhesive	② -1	Room 109 W	Room 109, 110, 108, 107 207, 208, 209, 210	7,000 sq ft	✓	✓			
		Dark carpet		center by exit							
		tray		Room 110 SE corner							
						-2	Room 110 NE corner				
						-3	Room 109 W				
				4" Dark grey/blue coverse w/ adhesive		-4	center by exit	Room 109, 110, 109A, 108 107, 8112, 207, 208, Hallways 200	7,300 sq ft	✓	✓
						-5	Room 110 E center by entrance	Floor, 209, 210			
						-6	Room 109A NW corner				
			Gway	kenedy compound		-7	Room 109 W center by exit	Room 109, 110	1,000 sq ft	✓	✓
		<del>cut back felt paper in rm 109</del>		-8		Room 110 SE corner	Under carpet				
	-9	Room 110 E CT									
		12" Lt blue speckled Ft with adhesive	-10	Room 110 SE corner by exit	Room 110, 109, stairs/Hallway 109A 107, 207, 208, 209, 210	2,500 sq ft	✓	✓			





**ALTA**  
ENVIRONMENTAL

B

**Asbestos Field Bulk Sample List**

Client: \_\_\_\_\_  
 Project No.: \_\_\_\_\_  
 Project Name: Mckinley ES - Bldg. B

Technician: Anthony V.  
 Date: 10/11/16  
 Page: 2 of 3

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D	
	A10	12' Lt Blue speckled Ft. with mastic	B-11	R110 SE corner	Rm 109, 110, stairs/hallway, 107A	↓	N	N	
			-12	N E/C/T of E. Stairway/Hallway	108, 107, 208, 207, 208A, 209		↓	I	I
		White Vinyl sheet floor. g	-13	110 SE	Rm 110		100 sq ft	N	N
		<del>Black</del>	-14	E C/T	↓		↓	↓	↓
			-15	S C/T	↓		↓	↓	↓
							Under carpet	↓	↓
	A10 Brown sheet vinyl floor w/	Black Felt Paper under carpet	-16	Doorway between 109, 110	Rm 110, 109, 108, 107, 207, 208, 209, 210	4,000 sq ft	N	N	
			-17	Room 109 W C/T by exit	↓	↓	↓	↓	
			-18	108 Center	↓	↓	↓	↓	
							↓	↓	↓
	371-T 570-U	12' Beige Felt Ft with Black mastic	-19	Basement stairway NE corner	Basement stairway	50 sq ft	N	Y	
	371-T 670-M		-20	SE corner	↓	↓	I		





### Asbestos Field Bulk Sample List

Client: SMMUSD  
 Project No.: 16-0281  
 Project Name: McKdaley ES

Technician: Fabian Ruvalcaba  
 Date: 10/11/16  
 Page: 1 of 4

*Building C (Auditorium/classroom)*

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12' Dark Blue FT w/ adhesive	C-1	Rm 100 S/CT by exit	100, RT	900 sq ft	N	N
			-2	Rm 100 C/T				
			-3	w/ C/T				
		Adhesive for dark carpet	-4	Rm 100 E C/T	100, 101, 102, 103, 104, 88, 105, Library Hallways, 85, Library	13,000 sq ft	N	N
			-5	Rm 101 C/T				
			-6	Rm 102 S C/T by S exit				
		4' Black cover use w/ adhesive	-7	Rm 100 E C/T	100 Hallways	800 sq ft	N	N
			-8	Hallway by entrance to 102	Rm 100 S C/T			
			-9	Rm 100 E C/T				
		12' light blue FT w/ adhesive	-10	Rm 100 W C/T front of stnk	100, Hallways, 102, 101, 103, 88, 105, 202 AB, 205, 206, 203, 202	15,000 sq ft	N	N
1625840-619	ND 17% M		-11	E Hallway N/CT by entrance to 102				
	ND		-12	103 SE corner by stnk				
		4' Blue cover use w/ adhesive	-13	in Hallway btw 100/101 by Boys RR	Hallways - 102, 102, 103, 88, 105, Library Hallway, 85, Library	700 sq ft	N	N
			-14	102 NW corner by pillar				
			-15	103 E C/T				





## Asbestos Field Bulk Sample List

Client: SMMUSD  
 Project No.:                       
 Project Name: McKibben ES

Technician: Fabian Ruvalcaba  
 Date: 10/11/16  
 Page: 2 9

Building C

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12' Purple speckled FT w/ adhesive	C-16	Hallway btw 100/101 NCT in front of Boys RR	Hallway btw 100/101	90 Sq ft	N	Y
	↓		-17	SE corner		↓	↓	↓
	↓		-18	SW ↓		↓	↓	↓
	37-T 67-M	9' Base FT w/ Black mastic	-19	Rm 101 C/T	tot Rms 101, in west hallway under Blue tile	3,000 Sq ft	N	N
	↓		-20	Rm 101 N C/T D entrance		↓	↓	↓
	37-T 37-M		-21	Rm 101 S C/T		↓	↓	↓
	ND	Brown flooring w/ Black felt paper	-22	Rm 102 S C/T B/S ENT	Rm 102 <del>S C/T</del> , 103, Library, 105,	5,000 Sq ft	N	N
	↓		-23	Rm 102 <del>N C/T</del> 206 B/S plter C/T	106, 206-205	↓	↓	↓
	↓		-24	103 SE corner b7 sluk		↓	↓	↓
		Residual Black mastic on concrete	-25	Hallway between 103/105 C/T	N end of classrooms 102, 103, E Hallway under 12' Blue FT	6,500 Sq ft	N	N
			-26	102 N/C/T	104, All entry ways under Blue 12' FT & Hallways, 105, 85, 106	↓	↓	↓
			-27	105 N/C/T	205, and adjacent hallway, 206, 205, 203, 200 A, B	↓	↓	↓
		10' dark Blue FT w/ adhesive	-28	Hallway C/T	E Hallway <u>and Entry ways</u>	100 Sq ft	N	N
			-29	S C/T		↓	↓	↓
			-30	SE corner		↓	↓	↓



## Asbestos Field Bulk Sample List

Client: SMMUSD  
 Project No.:                       
 Project Name: McClunby EC

Technician: Fabian Ruvalcaba  
 Date: 10/11/16  
 Page: 3

*Boards C*

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	off Beige concrete w/ adhesive	C-31	Lobby w cft	through principals office, asst principals office, main lobby	500 ltr ft	N	u
			-32	RM 83 Nurses offc w/ cft	83A, 83B, nurse office 83			
			-33	Principal office N/CFT				
		Dark grey Vinyl Floorly	-34	83 A @ entrance	83A, Lobby, Nurse office, 83B	600 sqft	N	u
			-35	nurse office E cft				
			-36	nurse office W/CFT				
		Beige Vinyl floorly	-37	Lobby w cft in front of 84	Lobby	206 sqft	N	u
			-38	Lobby SE by exit				
			-39	Lobby cft in front of desk				
	levelly compound	Dark adhesive for dense Brown carpet	-40	principals office cft	principals office, asst principals lobby	1,500 sqft	N	u
			-41	Asst principal cft				
			-42	Lobby cft				
		12' LT Blue speckle Ft w/ adhesive	-43	84 Teacher room cft	teachers Room	300 sqft	N	u
			-44	NE				
			-45	NW				

*wood floorly*



**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

Client: SMMUSD  
 Project No.: \_\_\_\_\_  
 Project Name: Melchior EC

Technician: Fabian Ruvalcaba  
 Date: 10/4/16  
 Page: 5 4

*Building C*

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	Blue F? Under 12' ET Blue F?	-55	Teachers lounge CT	Teachers lounge under Fi	300 sq ft	N	N
	↓		-56	NE	↓			
	↓		-57	NW <del>NE</del>	↓			
		Wood Flooring	Assumed	Auditorium		3,000 sq ft	N	N
	ND	12' Black tile w/ yellow stripe	-58	105 CIT	105, 106 under carpet on Brown	1,800 sq ft	N	N
	↓	two layer	-59	106 CIT	left			
	↓		-60	105 SE				
	27-7 50-M	12' Dark green ET w/ Black marble	-61	206A CIT	206A	300 sq ft	N	N
	27-7 37-M		-62	NE				
	↓		G3	NW				
	ND	Black Felt paper on Brown flooring	-64	205 CIT	205, 206, 203, 202.	5,400 sq ft	N	N
	↓		-65	206 CIT	↓			
	↓		-66	203 CIT	↓			





**ALTA**  
ENVIRONMENTAL

**Asbestos Field Bulk Sample List**

Client: \_\_\_\_\_  
 Project No.: 16-6281  
 Project Name: McKulen ES

Technician: Anthony V.  
 Date: 10/11/16  
 Page: 1 of 1

*Building E (Kindergarten)*

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12' Blue speckled FT w/ adhesive	F-1	71E E C/T under slat	71E, 72, 70, Lounge, Lounge Curriculum Laboratory, 71E	4,000 sq ft	N	ND
			-2	73 W C/T by Exit	710,			
			-3	70 NE corner Front of slat				
			-4	71E E C/T under slat	71E, 70, Lounge, throughout Building Under Bla FT?	4,500 sq ft	N	N
			-5	70 NE cover Front of slat	carpet			
			-6	Curriculum Laboratory New cover by PR				
			-7	73 C/T	73, Lounge, 70, 710	2,000 sq ft	N	N
			-8	73 E C/T				
			-9	Lounge C/T				
			-10	71E <del>E</del> C/T under slat	71E, 73, throughout Building, Curriculum Laboratory, 70,	600 sq ft	N	N
			-11	73 E C/T	Lounge			

*(Under Tile/Carpet)*  
*Baseboard FT w/ adhesive*  
*5/8" Tile*  
*5/8" M*

*Yellow adhesive for dark carpet*  
*gray*

*-12 - lounge SC/T*

# Appendix B

**Laboratory Analytical Report: Asbestos**





1508 East 33rd Street  
Signal Hill, CA 90755  
Toll: 888-207-2022  
Tel: 562-206-2770  
Fax: 562-206-2773

Alta Environmental  
3777 Long Beach Blvd.  
Long Beach CA 90807  
Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1626124

**Date Received** 11/22/2016  
**Date Analyzed** 11/23/2016  
**Date Reported** 11/23/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 1

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1626124-001 C-11B	Bldg C Adhesive w/ Residual Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic Material Non-Asbestos Residue	26.51% 57.39% 16.10%	Chrysotile	<0.1%

1000 pt. POINT COUNT

**Asbestos Present:** Yes      **Total % Non-Asbestos:** 100.0%      **Total %Asbestos:** <0.1%

Note: EPA 400 point count extended to 1000 points to meet the Cal OSHA regulatory limit of 0.1%.

Method Detection Limit: One tenth of one percent (0.1%). Asbestos content has been determined using the point count method. Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

*Cristina Tabatt*  
**Analyst -** Cristina Tabatt

*Cristina Tabatt*  
**Approved Signatory** Cristina E. Tabatt





1508 East 33rd Street  
 Signal Hill, CA 90755  
 Toll: 888-207-2022  
 Tel: 562-206-2770  
 Fax: 562-206-2773

Alta Environmental  
 3777 Long Beach Blvd.  
 Long Beach CA 90807  
 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg A  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625837

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 12

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625837-001 A-1A	Bldg A 12" F.T., Green w/ White Streaks, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625837-002 A-1B	Bldg A Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625837-003 A-2A	Bldg A 12" F.T., Green w/ White Streaks, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625837-004 A-2B	Bldg A Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625837-005 A-3A	Bldg A 12" F.T., Green w/ White Streaks, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625837-006 A-3B	Bldg A Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



1508 East 33rd Street  
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 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg A  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625837

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 12

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625837-007 A-4A	Bldg A 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 30% 70%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625837-008 A-4B	Bldg A Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625837-009 A-5A	Bldg A 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 30% 70%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625837-010 A-5B	Bldg A Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625837-011 A-6A	Bldg A 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 30% 70%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625837-012 A-6B	Bldg A Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>



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 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg A  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625837

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 12

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

*Cristina Tabatt*  
 Analyst - Cristina Tabatt

*Cristina Tabatt*  
 Approved Signatory Cristina E. Tabatt





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 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg B  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625838

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/24/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 36

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625838-001 B-1	Bldg B Adhesive for Dark Gray Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders	<1% 100% None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-002 B-2	Bldg B Adhesive for Dark Gray Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders	<1% 100% None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-003 B-3	Bldg B Adhesive for Dark Gray Carpet, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Cellulose Fiber Quartz Bituminous Matrix Organic Binders	<1% <1 5% 30% 65% None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-004 B-4A	Bldg B 4" Covebase, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65% None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-005 B-4B	Bldg B Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100% None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-006 B-5A	Bldg B 4" Covebase, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65% None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>



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**Project Number**  
**Project Name** McKinley E.S. - Bldg B  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625838

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/24/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 36

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625838-007 B-5B	Bldg B Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-008 B-6A	Bldg B 4" Covebase, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 35% 65%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-009 B-6B	Bldg B Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-010 B-7	Bldg B Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler 70% 30%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-011 B-8	Bldg B Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler 70% 30%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-012 B-9	Bldg B Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler 70% 30%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>



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**Report Number** 1625838

**Date Received** 10/13/2016

**Date Analyzed** 10/19/2016

**Date Reported** 10/24/2016

**Project Number**

**Project Name** McKinley E.S. - Bldg B

**Location** Santa Monica

**PO Number**

**WO Number**

**Date Sampled** 10/11/2016

**Sampled By** F. Ruvalcaba

**Total Samples** 36

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625838-013 B-10A	Bldg B 12" F.T., Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate 65% Vinyl Binder 35%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-014 B-10B	Bldg B Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-015 B-11A	Bldg B 12" F.T. Speckled, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate 65% Vinyl Binder 35%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-016 B-11B	Bldg B Adhesive (w/ Leveling Compound), Yellow/White, Non-homogeneous	LAYER 1 100%	Organic Binders 40% Other Non-Fibrous Material 60%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-017 B-12A	Bldg B 12" F.T. Speckled, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate 65% Vinyl Binder 35%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-018 B-12B	Bldg B Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>





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**Project Number**  
**Project Name** McKinley E.S. - Bldg B  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625838

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/24/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 36

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
Determination of Asbestos in Bulk Building Materials.

### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625838-019 B-13	Bldg B Vinyl Sheet Flooring, White, Homogeneous	LAYER 1 100%	Calcium Carbonate 55% Vinyl Binder 45%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-020 B-14	Bldg B Vinyl Sheet Flooring, White, Homogeneous	LAYER 1 100%	Calcium Carbonate 55% Vinyl Binder 45%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-021 B-15	Bldg B Vinyl Sheet Flooring, White, Homogeneous	LAYER 1 100%	Calcium Carbonate 55% Vinyl Binder 45%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-022 B-16A	Bldg B Sheet Vinyl Floor, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber 60% Vinyl Binder 40%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-023 B-16B	Bldg B Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber 60% Bituminous Matrix 40%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-024 B-17A	Bldg B Sheet Vinyl Floor, Note: Sheet Vinyl Flooring Not Present	LAYER 1 100%		





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Report Number 1625838

Date Received 10/13/2016  
 Date Analyzed 10/19/2016  
 Date Reported 10/24/2016

**Project Number**

**Project Name** McKinley E.S. - Bldg B  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 36

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625838-025 B-17B	Bldg B Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber 50% Bituminous Matrix 50%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-026 B-18A	Bldg B Sheet Vinyl Floor, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 60% Vinyl Binder 40%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-027 B-18B	Bldg B Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber 50% Bituminous Matrix 50%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-028 B-19A	Bldg B 12" F.T., Beige w/ White, Homogeneous	LAYER 1 100%	Calcium Carbonate 40% Vinyl Binder 57%	Chrysotile 3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 97.0%</b>		<b>Total %Asbestos: 3.0%</b>
1625838-029 B-19B	Bldg B Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix 95%	Chrysotile 5%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 95.0%</b>		<b>Total %Asbestos: 5.0%</b>
1625838-030 B-20A	Bldg B 12" F.T., Beige w/ White, Homogeneous	LAYER 1 100%	Calcium Carbonate 40% Vinyl Binder 57%	Chrysotile 3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 97.0%</b>		<b>Total %Asbestos: 3.0%</b>
1625838-031 B-20B	Bldg B Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix 94%	Chrysotile 6%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 94.0%</b>		<b>Total %Asbestos: 6.0%</b>



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**Project Number**  
**Project Name** McKinley E.S. - Bldg B  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625838

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/24/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 36

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
Determination of Asbestos in Bulk Building Materials.

### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625838-032 B-21A	Bldg B 12" F.T., Beige w/ White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 40% 57%	Chrysotile 3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 97.0%</b>		<b>Total %Asbestos: 3.0%</b>
1625838-033 B-21B	Bldg B Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix 95%	Chrysotile 5%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 95.0%</b>		<b>Total %Asbestos: 5.0%</b>
1625838-034 B-23	Bldg B Residual Mastic under Carpet, Black/Tan, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Bituminous Matrix Organic Binders <1% 15% 85%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-035 B-24	Bldg B Residual Mastic under Carpet, Black/Tan, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Bituminous Matrix Organic Binders <1% 15% 85%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625838-036 B-25	Bldg B Residual Mastic under Carpet, Black/Tan, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Organic Binders 40% 60%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

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*Cristina Tabatt*  
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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-001 C-1A	Bldg C 12" F.T., Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-002 C-1B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-003 C-2A	Bldg C 12" F.T., Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-004 C-2B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-005 C-3A	Bldg C 12" F.T., Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-006 C-3B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-007 C-4	Bldg C Adhesive for Dark Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders	<1% <1 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-008 C-5	Bldg C Adhesive for Dark Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders	15% <1 85%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-009 C-6	Bldg C Adhesive for Dark Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-010 C-7A	Bldg C 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-011 C-7B	Bldg C Adhesive, Cream, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-012 C-8A	Bldg C 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625840-013 C-8B	Bldg C Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-014 C-9A	Bldg C 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-015 C-9B	Bldg C Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-016 C-10A	Bldg C 12" FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 65% 35%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-017 C-10B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-018 C-11A	Bldg C 12" FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 65% 35%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>



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**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-019 C-11B	Bldg C Adhesive w/ Residual Mastic, Yellow/ Black, Non-homogeneous Note: Asbestos present in residual black mastic.	LAYER 1 100%	Organic Binders Bituminous Matrix	90% 10%	Chrysotile	<1%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>&lt;1%</b>
1625840-020 C-12A	Bldg C 12" FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-021 C-12B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-022 C-13A	Bldg C 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-023 C-13B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-024 C-14A	Bldg C 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-025 C-14B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-026 C-15A	Bldg C 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-027 C-15B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-028 C-16A	Bldg C 12" FT, Purple, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-029 C-16B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders	<1% <1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-030 C-17A	Bldg C 12" FT, Purple, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1625840-031 C-17B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-032 C-18A	Bldg C 12" FT, Purple, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 65% 35%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-033 C-18B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders 100%	None Detected
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos: 100.0%</b>		<b>Total %Asbestos: No Asbestos Detected</b>
1625840-034 C-19A	Bldg C 9" FT, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 55% 42%	Chrysotile 3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 97.0%</b>		<b>Total %Asbestos: 3.0%</b>
1625840-035 C-19B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix 94%	Chrysotile 6%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 94.0%</b>		<b>Total %Asbestos: 6.0%</b>
1625840-036 C-20A	Bldg C 9" FT, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 55% 42%	Chrysotile 3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 97.0%</b>		<b>Total %Asbestos: 3.0%</b>
1625840-037 C-20B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders/Filler 94%	Chrysotile 6%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos: 94.0%</b>		<b>Total %Asbestos: 6.0%</b>





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**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-038 C-21A	Bldg C 9" FT, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 42%	Chrysotile	3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>97.0%</b>	<b>Total %Asbestos:</b>	<b>3.0%</b>
1625840-039 C-21B	Bldg C 9" FT, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 42%	Chrysotile	3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>97.0%</b>	<b>Total %Asbestos:</b>	<b>3.0%</b>
1625840-040 C-22A	Bldg C Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-041 C-22B	Bldg C Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-042 C-23A	Bldg C Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-043 C-23B	Bldg C Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-044 C-24A	Bldg C Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-045 C-24B	Bldg C Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
<b>Asbestos Present: No</b>			<b>Total % Non-Asbestos:</b>	100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-046 C-25	Bldg C Residual Mastic on Concrete, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix Organic Binders	<1% <1 70% 30%	None Detected	
<b>Asbestos Present: No</b>			<b>Total % Non-Asbestos:</b>	100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-047 C-26	Bldg C Residual Mastic on Concrete, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Organic Binders	<1% 60% 40%	None Detected	
<b>Asbestos Present: No</b>			<b>Total % Non-Asbestos:</b>	100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-048 C-27	Bldg C Residual Mastic on Concrete, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix Organic Binders	<1% <1 70% 30%	None Detected	
<b>Asbestos Present: No</b>			<b>Total % Non-Asbestos:</b>	100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-049 C-28A	Bldg C 10" FT, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>			<b>Total % Non-Asbestos:</b>	100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-050 C-28B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
<b>Asbestos Present: No</b>			<b>Total % Non-Asbestos:</b>	100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-051 C-29A	Bldg C 10" FT, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-052 C-29B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-053 C-30A	Bldg C 10" FT, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-054 C-30B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	2% 98%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-055 C-31A	Bldg C 4" Covebase, Beige, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-056 C-31B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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1625840-057 C-32A	Bldg C 4" Covebase, Beige, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-058 C-32B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-059 C-33A	Bldg C 4" Covebase, Beige, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-060 C-33B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-061 C-34A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-062 C-34B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-063 C-35A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-064 C-35B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-065 C-36A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-066 C-36B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-067 C-37A	Bldg C Vinyl Flooring, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-068 C-37B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-069 C-38A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-070 C-38B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
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**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-071 C-39A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-072 C-39B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-073 C-40	Bldg C Leveling Compound for Dark Carpet, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Calcium Carbonate Binder/Filler	15% 55% 30%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-074 C-41	Bldg C Leveling Compound for Dark Carpet, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Calcium Carbonate Binder/Filler	15% 55% 30%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-075 C-42	Bldg C Leveling Compound for Dark Carpet, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Calcium Carbonate Binder/Filler	15% 55% 30%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-076 C-43A	Bldg C 12" Speckled FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>



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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-077 C-43B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-078 C-44A	Bldg C 12" Speckled FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-079 C-44B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-080 C-45A	Bldg C 12" Speckled FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-081 C-45B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-082 C-55A	Bldg C FT under 12" Light Blue FT, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-083 C-55B	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-084 C-56A	Bldg C FT under 12" Light Blue FT, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-085 C-56B	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-086 C-57A	Bldg C FT under 12" Light Blue FT, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-087 C-57B	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	3% 97%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-088 C-58A	Bldg C 12" FT-Top, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
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**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-089 C-58B	Bldg C 12" FT-Bottom, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-090 C-58C	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-091 C-59A	Bldg C 12" FT-Top, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-092 C-59B	Bldg C 12" FT-Bottom, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-093 C-59C	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-094 C-60A	Bldg C 12" FT-Top, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
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**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
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**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

### Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-095 C-60B	Bldg C 12" FT-Bottom, Note: No tile submitted	LAYER 1 100%				
1625840-096 C-60C	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625840-097 C-61A	Bldg C 12' FT, Dk. Green (Olive), Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 43%	Chrysotile	2%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		98.0%	<b>Total %Asbestos:</b>	<b>2.0%</b>
1625840-098 C-61B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	95%	Chrysotile	5%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		95.0%	<b>Total %Asbestos:</b>	<b>5.0%</b>
1625840-099 C-62A	Bldg C 12" FT, Dk. Green (Olive), Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 43%	Chrysotile	2%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		98.0%	<b>Total %Asbestos:</b>	<b>2.0%</b>
1625840-100 C-62B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	97%	Chrysotile	3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		97.0%	<b>Total %Asbestos:</b>	<b>3.0%</b>
1625840-101 C-63A	Bldg C 12" FT, Dk. Green (Olive), Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 43%	Chrysotile	2%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		98.0%	<b>Total %Asbestos:</b>	<b>2.0%</b>



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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
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**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625840-102 C-63B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	97%	Chrysotile	3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>97.0%</b>	<b>Total %Asbestos: 3.0%</b>	
1625840-103 C-64A	Felt Paper on Brown Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-104 C-64B	Adhesive, Dk. Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-105 C-65A	Felt Paper on Brown Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-106 C-65B	Adhesive, Brown/Yellow, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-107 C-66A	Felt Paper on Brown Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625840-108 C-66B	Adhesive, Dk. Brown/Yellow, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	



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**Project Number**  
**Project Name** McKinley E.S. - Bldg C  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625840

**Date Received** 10/13/2016  
**Date Analyzed** 10/18/2016  
**Date Reported** 10/18/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 108

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

*Cristina E. Tabatt*  
 Analyst - Cristina Tabatt

*Cristina E. Tabatt*  
 Approved Signatory Cristina E. Tabatt





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**Project Number**  
**Project Name** McKinley E.S. - Bldg E  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625839

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/19/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 21

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625839-001 E-1A	Bldg E 12" F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-002 E-1B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-003 E-2A	Bldg E 12" F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-004 E-2B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-005 E-3A	Bldg E 12" F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-006 E-3B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		100.0%	<b>Total %Asbestos: No Asbestos Detected</b>	



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 Signal Hill, CA 90755  
 Toll: 888-207-2022  
 Tel: 562-206-2770  
 Fax: 562-206-2773

Alta Environmental  
 3777 Long Beach Blvd.  
 Long Beach CA 90807  
 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg E  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625839

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/19/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 21

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625839-007 E-4A	Bldg E F.T., Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-008 E-4B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	
1625839-009 E-5A	Bldg E F.T., Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 55%	Chrysotile	5%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>95.0%</b>	<b>Total %Asbestos: 5.0%</b>	
1625839-010 E-5B	Bldg E Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	97%	Chrysotile	3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>97.0%</b>	<b>Total %Asbestos: 3.0%</b>	
1625839-011 E-6A	Bldg E F.T., Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 55%	Chrysotile	5%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>95.0%</b>	<b>Total %Asbestos: 5.0%</b>	
1625839-012 E-6B	Bldg E Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	97%	Chrysotile	3%
<b>Asbestos Present: Yes</b>		<b>Total % Non-Asbestos:</b>		<b>97.0%</b>	<b>Total %Asbestos: 3.0%</b>	
1625839-013 E-7	Bldg E Adhesive for Dk Grey Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	2% 98%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos: No Asbestos Detected</b>	



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Alta Environmental  
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 Long Beach CA 90807  
 Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg E  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625839

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/19/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 21

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
 Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625839-014 E-8	Bldg E Adhesive for Dk Grey Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625839-015 E-9	Bldg E Adhesive for Dk Grey Carpet, White/Yellow, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625839-016 E-10A	Bldg E 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625839-017 E-10B	Bldg E Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625839-018 E-11A	Bldg E 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625839-019 E-11B	Bldg E Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>
1625839-020 E-12A	Bldg E 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
<b>Asbestos Present: No</b>		<b>Total % Non-Asbestos:</b>		<b>100.0%</b>	<b>Total %Asbestos:</b>	<b>No Asbestos Detected</b>





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Alta Environmental  
3777 Long Beach Blvd.  
Long Beach CA 90807  
Attn.: Cesar Ruvalcaba

**Project Number**  
**Project Name** McKinley E.S. - Bldg E  
**Location** Santa Monica  
**PO Number**  
**WO Number**

**Report Number** 1625839

**Date Received** 10/13/2016  
**Date Analyzed** 10/19/2016  
**Date Reported** 10/19/2016

**Date Sampled** 10/11/2016  
**Sampled By** F. Ruvalcaba  
**Total Samples** 21

**Method of Analysis** 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116  
Determination of Asbestos in Bulk Building Materials.

**Test Report**

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
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1625839-021 E-12B	Bldg E Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
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**Asbestos Present:** No      **Total % Non-Asbestos:** 100.0%      **Total %Asbestos:** **No Asbestos Detected**

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Due to PLM limitations, results on samples with None Detected or samples with low asbestos concentrations may not be reliable and further analysis such as TEM is recommended to confirm PLM results. This report shall not be reproduced except in full without the written approval of this laboratory. This report may not be used by the customer to claim product certification, endorsement, or approval by NIST/NVLAP or any agency of the government. Samples shall be disposed according to local, state and federal laws, 30 days after results are reported.

**Analyst -** Cristina Tabatt

**Approved Signatory** Cristina E. Tabatt







# CHAIN OF CUSTODY

1508 E. 33rd Street  
 Signal Hill, CA 90755  
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(Lab) Order No. 1625837 + m 1625840

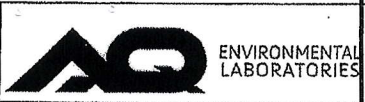
CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Blvd	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input type="checkbox"/>
City/State/Zip	Long Beach Ca	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	C. Ruvalcaba	3 Day <input type="checkbox"/>	Drop Off <input type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone		5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax		Special Instructions:		
Email	BSE Results@altaenv.com			

PROJECT INFORMATION	
Project Name: McKinley E.S.	PO Number:
Project Number:	Work Order No.:
Location: Santa Monica	Sampled By: f. Ruvalcaba

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/M4-82-020 <input checked="" type="checkbox"/>	NIOSH 7400A <input type="checkbox"/>	Spore Trap <input type="checkbox"/>	Air <input type="checkbox"/> TTLC <input type="checkbox"/>
PLM 400 Pt. Count (<0.25%) <input type="checkbox"/>	NIOSH 7400B <input type="checkbox"/>	Tape Lift <input type="checkbox"/>	Paint <input type="checkbox"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/>
		Swab <input type="checkbox"/>	Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
A-1	12" Green w/white streaks f.t. w/ Adhesive	Bldg A	10-11-16			
2	↓	↓				
3	↓	↓				
4	4" Black Couches w/ Adhesive					
5	↓	↓				
6	↓	↓				
B-1	Yellow Adhesive for Dark Gray Carpet	Bldg B				
2	↓	↓				
3	↓	↓				
4	4" Dark Blue Couches w/ Adhesive					

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 10-12-16 9:30 PM	Date/Time: 10/13/16 08:00
Relinquished By:	Received By:
Date/Time:	Date/Time:



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Company: Alta Environmental  
 Project Number: \_\_\_\_\_  
 Project Name: McKerley Fe-S.

(Lab) Order No. 1625837 thm  
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
B-5	↓	Bldg B	10-11-16			
6	↓					
7	Gray Leveles					
8	comp-d					
9	↓					
10	12" Lt. Blue speckled f.t. w/ Adhesive					
11						
12	↓					
13	white vinyl sheet floors					
14	↓					
15	↓					
16	Black felt Brown sheet vinyl floor					
17	w/ Black felt Paper					
18	↓					
19	12" Beige w/ white f.t. w/ Black					
20	Mastic					
21	↓					
23	Black Residual Maste under capt					
24	ava f.t.					
25	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-12-16 9:50 pm</u>	Date/Time: <u>10/13/16 08:00</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:





# CHAIN OF CUSTODY

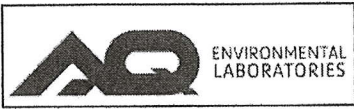
1508 E. 33rd Street  
Signal Hill, CA 90755  
562-206-2770 Tel  
562-206-2773 Fax  
services@AQenvlabs.com

Company: Alta Environmental  
Project Number: \_\_\_\_\_  
Project Name: Mckenley E-S.

(Lab) Order No. 1625837 thru  
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
E-1	12" Blue speckled F.T. w/ Adhesive	Bldg E	10-11-16			
2	↓					
3	↓					
4	Beige F.T. w/ Mastic					
5	↓					
6	↓					
7	Yellow adhesive for Dk Gray Carpet					
8						
9	↓					
10	4" Black Koolbin w/ Adhesive					
11						
12	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-12-16 9:30</u>	Date/Time: <u>10/13/16 08:00</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



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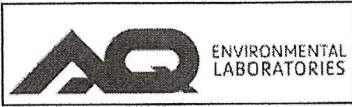
Company: Alfa Euroced  
 Project Number: \_\_\_\_\_  
 Project Name: McKunley E.S.

(Lab) Order No. 1625837 thm  
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
C-1	12' Dark Blue FT w/ adhesive	Building C	10/11/16			
C-2						
C-3						
C-4	Adhesive for dark carpet					
C-5						
C-6						
C-7	4' Black concrete w/ adhesive					
C-8						
C-9						
C-10	12' Light Blue FT w/ adhesive					
C-11						
C-12						
C-13	4' Blue concrete w/ adhesive					
C-14						
C-15						
C-16	12' Purple speckled FT w/ adhesive					
C-17						
C-18						
C-19	9' Beige FT w/ Black mastic					
C-20						

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10/12/16</u>	Date/Time: <u>10/13/16 08:06</u>
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Date/Time: _____	Date/Time: _____





# CHAIN OF CUSTODY

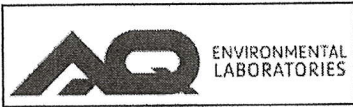
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 Signal Hill, CA 90755  
 562-206-2770 Tel  
 562-206-2773 Fax  
 services@AQenvlabs.com

Company: Alta Encumbered  
 Project Number: \_\_\_\_\_  
 Project Name: McKenley E.S.

(Lab) Order No. 1625837 thm  
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
C-21	9" Beige FT w/ Black mastic	Boudy C	6/11/16			
C-22	Brown Floody w/ Black felt paper	↓	↓	↓	↓	↓
C-23						
C-24	↓					
C-25	Residual Black mastic on concrete					
C-26						
C-27						
C-28	10" dark Blue FT w/ adhesive					
C-29						
C-30						
C-31	4" Beige cowbase w/ adhesive					
C-32						
C-33						
C-34	Dark grey vinyl Floody					
C-35						
C-36						
C-37	Beige vinyl Floody					
C-38						
C-39						
C-40	panels compound for dark carpet					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-01-16</u>	Date/Time: <u>16/13/16 08:00</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



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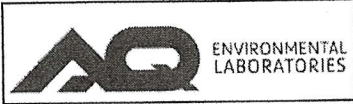
Company: Alta Environmental  
 Project Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_

(Lab) Order No. 1625837 thm  
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
C-41	tertile compound too dark, carpet	Buddy C	10/11/16			
C-42	↓					
C-43	12' LT Blue speckled FT w/ asbestos					
C-44	↓					
C-45	↓					
46	Not used					
47	↓					
48						
49						
50						
51						
52						
53						
54	↓					
55	Blue Ft ucler 12' LT Blue Ft					
56	↓					
57	↓					
58	12' Black Ate w/ yellow glue two layer					
59	↓					
60	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-11-16</u>	Date/Time: <u>10/13/16 08:00</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:





# CHAIN OF CUSTODY

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Company: Alta Environmental  
 Project Number: \_\_\_\_\_  
 Project Name: \_\_\_\_\_

(Lab) Order No. 1625837 thru  
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
C-61	12' Dark green FT w/ black waste		10/11/16			
↓ G2	↓					
↓ G3	↓					
↓ G4	Black felt paper on ground floor					
↓ G5	↓					
↓ G6	↓					

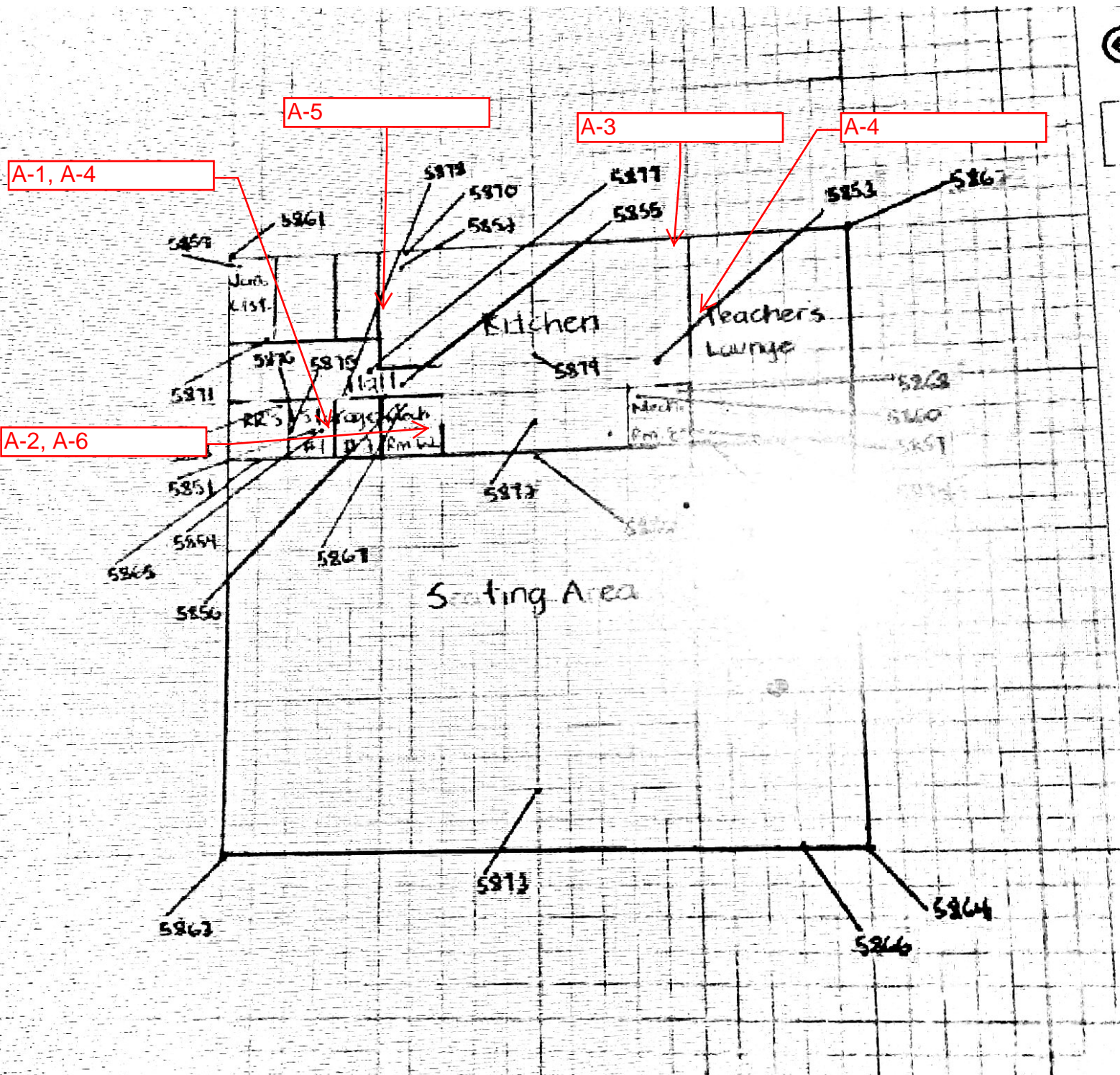
Relinquished By:	Received By:
Date/Time: 10-11-16	Date/Time: 10/13/16 08:00
Relinquished By:	Received By:
Date/Time:	Date/Time:

# Appendix C

**Sample Location Map: Asbestos**



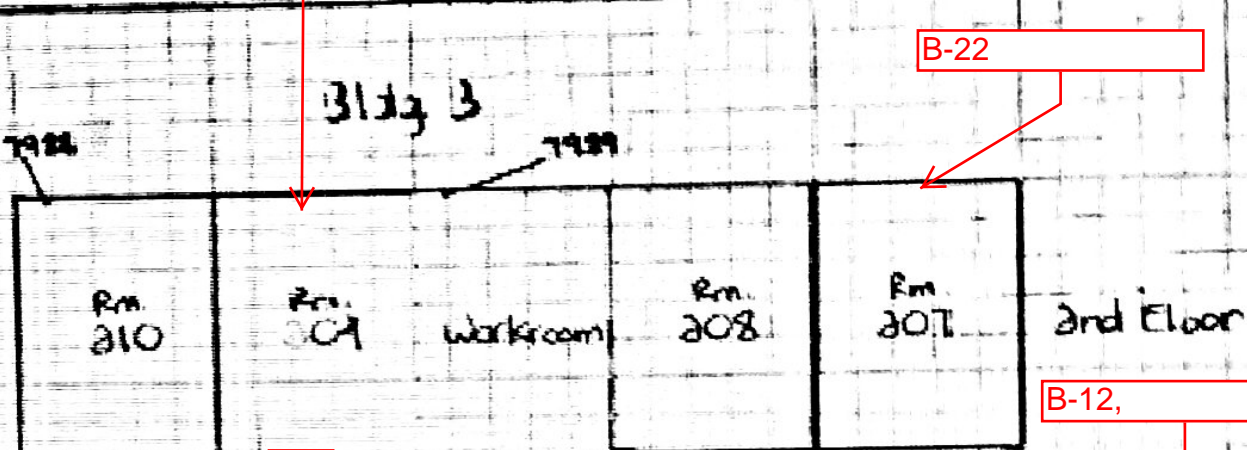
Building A



B-24

B-23

B-22



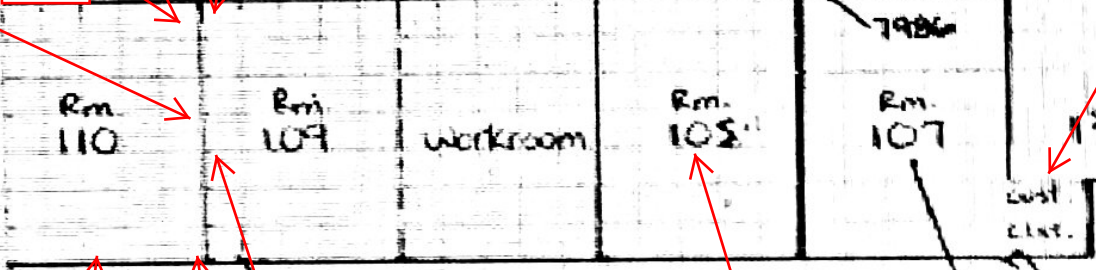
B-12,

B-5,  
B-9  
B-14  
B-16

B-3

B-6

2nd Floor



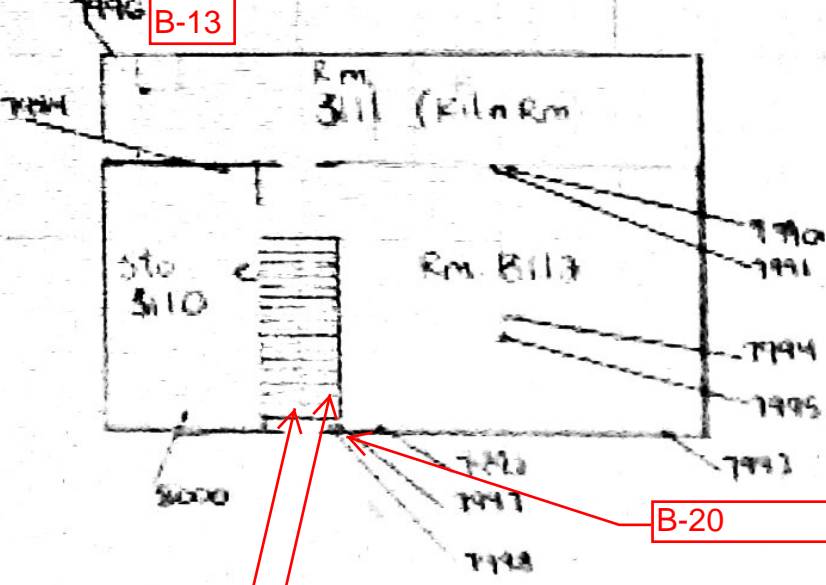
B-1, B-4,  
B-7, B-17

B-18

B-15

B-2  
B-8  
B-10  
B-11  
B-13

Basement Bldg B



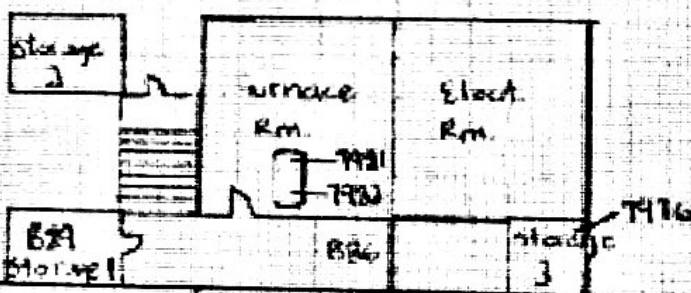
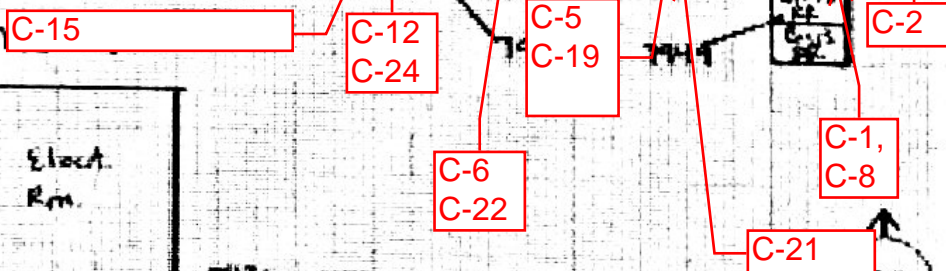
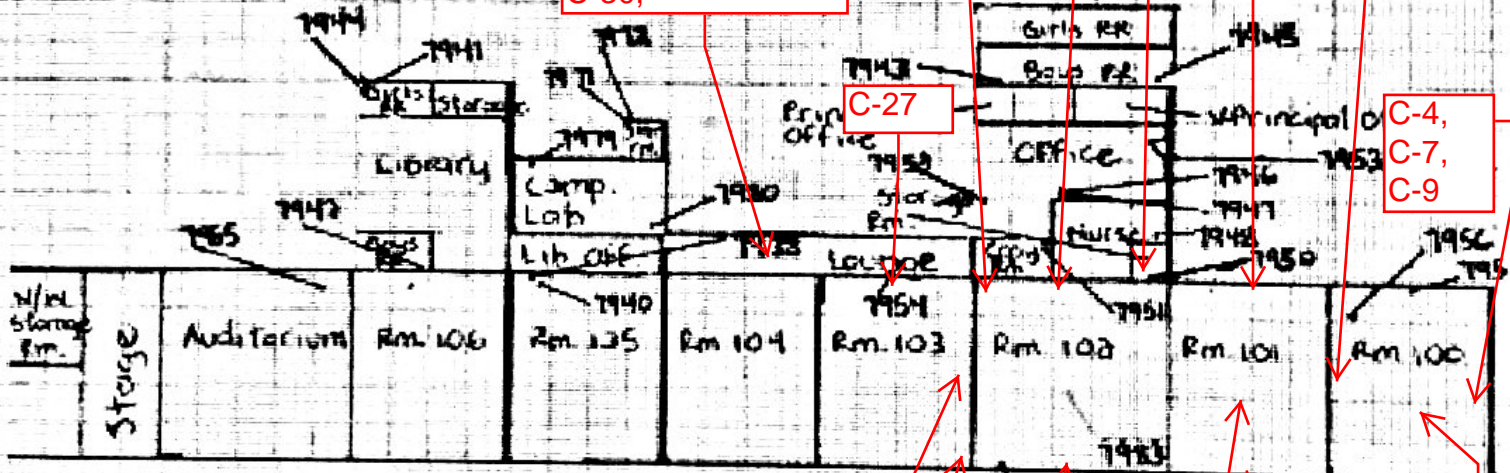
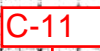
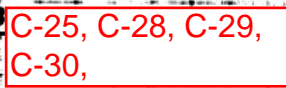
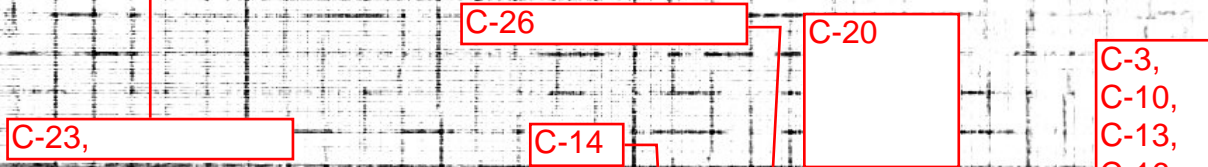
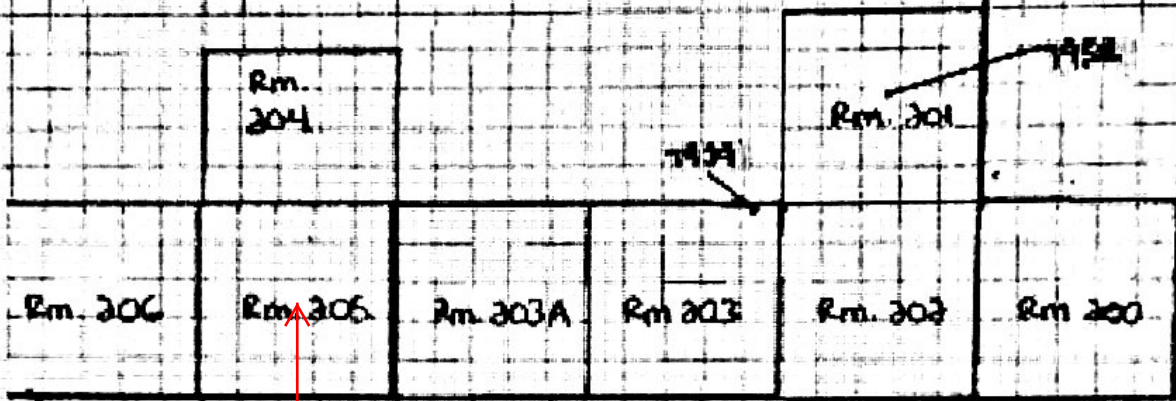
B-20

B-21

B-19



# Bldg. E 2nd floor



DESCRIPTION



# Bldg. E

## 2nd floor

C-63

C-62

Rm. 206

Rm. 205

Rm. 203A

Rm. 203

Rm. 202

Rm. 200

C-61, C-65

C-64

C-66

C-41,

C-33, C-40,

## 1st floor

C-31, C-37,

C-44

C-56

C-45, C-57,

C-43

C-55

C-39, C-42,

C-34

C-32, C-36,

C-35

C-38,

C-58

C-60

C-59

## Basement

Storage 2

Wreck Rm.

Elect. Rm.

Storage 1

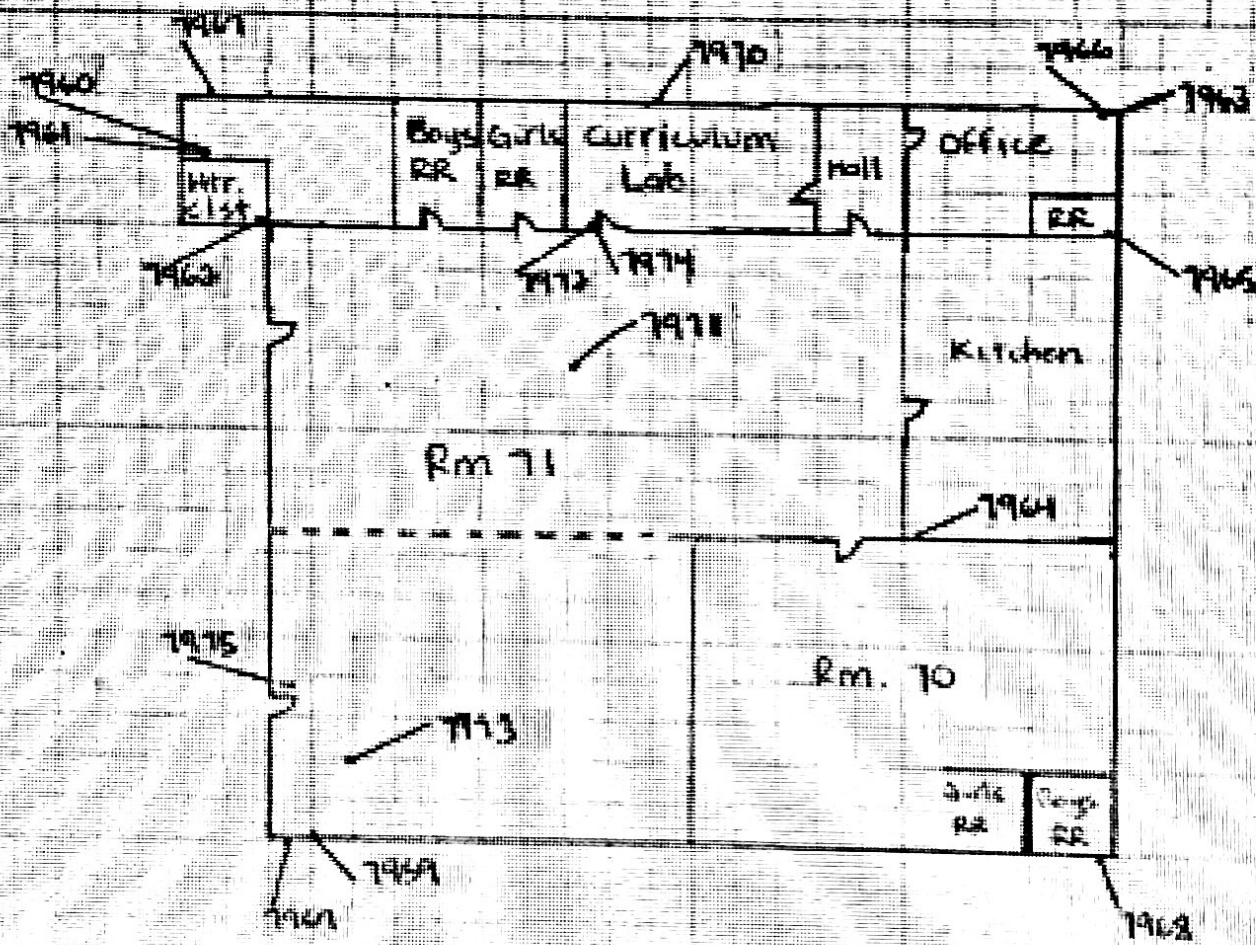
BR6

Storage 3



DESCRIPTION

# Bldg. E. Kindergarten





# Appendix D

**Paint Chip Sample List: Lead**

**MATERIAL INVENTORY  
LEAD PAINT CHIP SAMPLES**

**CLIENT:** SMMUSD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall (painted various colors)	24, 30, 35	Plaster	White	Pos by XRF	B, C	Pos by XRF	No	N/A
Door (painted various colors)	PC-2	Metal	White	B, 109, south center	Interior, A, B, C, E	70	No	N/A
Door casing	PC-3	Metal	White	B, 109, south center	Interior, A, B, C, E	180	No	N/A
Door	PC-4	Wood	White	C, 205, west center	Interior, A, B, C, E	<48	No	N/A
Door	PC-5	Wood	White	C, 205, west center	Interior, A, B, C, E	<50	No	N/A
Baseboard	PC-6	Wood	Blue	C-103, north center	Interior B, C	180	No	N/A
Window casing	8, 12, 18	Wood	White	Pos by XRF	Interior B, C	Pos by XRF	No	N/A
Wall	PC-7	Drywall	White	A, kitchen, NW	Interior B, C	<48	No	N/A
Door	PC-8	Wood	White	B, basement, center	B basement (doors and door casings)	1,800	No	N/A
Wall	PC-9	Wood	Blue/yellow	B, 208, NE	B, room dividing walls	76	No	N/A
Wall trim	PC-10	Wood	White	B, east stair, NW	B, C	2,700	No	N/A
Stair top rail cap		Wood	White	Pos by XRF	B stairways	Pos by XRF	No	N/A
Hand rail	PC-11	Metal	White	B, east stair, center	B stairways	<49	No	N/A
Wall	PC-12	Stucco	White	exterior C, south center	Exterior A, B, C, E	74	No	N/A
gutter	PC-13	Metal	White	B, north center	Exterior A, B, C, E (gutter and downspout)	260	No	N/A
Fascia	PC-14	Wood	White	C, west center	Exterior B, C, E	1,500	No	N/A
Hand rail	PC-15	Metal	Pink	C, south center	Exterior A, B, C, E	49	No	N/A
Door	PC-16	Metal	Pink	B, west center	Exterior A, B, D, interior C	5,700	No	N/A
Door casing	PC-17	Metal	Pink	B, west center	Exterior A, B, D, interior C	<48	No	N/A
Door casing	PC-18	Metal	White	A, interior at cafeteria, south center	Interior/exterior A (door, door casing, window casing)	<120	No	N/A

**MATERIAL INVENTORY  
LEAD PAINT CHIP SAMPLES**

**CLIENT:** SMMUSD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Pipe	PC-19	Metal	White	A, exterior SW	Interior/exterior A, B, C, D	64	No	N/A
Flashing	PC-20	Metal	White	A, NE	A, C, E	76	No	N/A
Wall	PC-21	Plaster	Green	A, cafeteria, SW	A cafeteria	<49	No	N/A
Fire cabinet	PC-22	Metal	White	A, cafeteria, NE	A, B, C, E	<64	No	N/A
Wall	PC-23	Plaster	White	A, kitchen, NW	A	520	No	N/A
Door casing	64	Wood	White	Pos by XRF	A, west center, exterior	Pos by XRF	No	N/A
Window casing	PC-24	Metal	White	E, exterior, south center	Interior/exterior A	310	No	N/A
door	PC-25	Wood	Pink	E, exterior, south center	Exterior C, E and interior C	830	No	N/A
Wall	PC-26	Wood	White	E, exterior, south center	Exterior E, south end	<48	No	N/A
Ceiling	PC-27	Wood	White	E, exterior, south center	E, walkways	<49	No	N/A
Post	PC-28	Metal	White	E, exterior, south west	E, walkways	55	No	N/A
Window casing	PC-29	Metal	Brown	E, 70, south center	Interior window and door casings, E	150	No	N/A
Wall	PC-30	Wood	White	E, 71, west center	interior walls, E	<52	No	N/A
Cabinet	PC-31	Wood	White	E, 71, east center	interior cabinets, E	<49	No	N/A
Stair	PC-32	Metal	Pink	C, exterior, NE	Stairs and treads (exterior C)	120	No	N/A
Gate	PC-33	Metal	Pink	C, exterior, NE	Main entry gate, exterior C	<49	No	N/A
Gate	PC-34	Metal	White	C, exterior, NE	Entry gate, C	110	No	N/A
Vent	PC-35	Metal	White	C, SE	A. B. C	84	No	N/A





**ALTA**  
ENVIRONMENTAL

**Paint Chip Sample List**

Client: Summer  
Project No.: \_\_\_\_\_  
Project Name: Mckenley E.S.

Technician: F. Ruvolo  
Date: 10-11-16  
Page: 1 of 4

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.	
Painted over with various colors		Wall	pebble KRF	plaster	white	#24, 30, 35	Bldg B, C	N		
	70	Door	PC-2	metal	white	Bldg B-109	Interw. Bldg B, A, E	N		
Painted various colors	180	Case	3			504	C	N		
	48	Door	4	wood	white	Bldg C-205	Interw. Bldg B, A, E	N		
	50	Case	5			w/chr	C	N		
	180	Baseboard	6	wood	blue	Bldg C-103	Bldg B, C	N		
Painted over with various colors		Window frame	Pos by KRF	wood	wh. Tr	# 8, 12, 18	Interw. Bldg B, C	N		
*	48	wall	PC 7	<del>plaster</del> Drywall	white	Bldg H - kitchen	Bldg B, A, E, C	N		
	180	Door	8	wood	pink	Bldg B - Basement	Bldg B - Basement	N		
	70	Wall	9	wood	Blue / Yellow	Rm 208 - N/E	(Door/cases) Bldg B - Room Dividers	N		
		Note:	Bldg B - Header closets are unpainted. Laminate				Panels		N	



**ALTA**  
ENVIRONMENTAL

**Paint Chip Sample List**

Client: Summit  
Project No.: \_\_\_\_\_  
Project Name: McKinley E-S.

Technician: F. Luvalaba  
Date: 10-11-16  
Page: 2 of 4

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	2700	wall Trim	PC-10	wood	white	Bldg B - East Stair N/A	Bldg B, C	N	
		Stair Top Rail Cap	PC-10 PC-10 KRF	wood	white		Bldg B Stairways	N	
	449	Hand rail	11	Metal	white	Bldg B - East Stair - CK	Bldg B - Stairways	N	
	74	wall	12	Stucco	white	Exterior - Bldg C S/C	<del>Bldg B</del> Exterior - Bldg B A, E, C	N	
	260	Gutter	13	metal	1	Bldg B - N/E	Exterior - Gutter/Downspout Bldg B, A, E, C	N	
	1500	Facade	14	wood	white	Bldg C - W/ck.	Exterior - Bldg B, E, C	N	
	449	Handrail	15	Metal	Pink	Bldg C - S/C	Exterior - Bldg B, A, E C	N	
	5700	Door	16	Metal	Pink	Bldg B - w/ck	Exterior - Bldg B, A, E C, Interior at Bldg C	N	
	448	↓ case	17	↓	↓	X ↓	Exterior - Bldg B, A, E C, Interior at Bldg C	N	
	120	Door case	18	Metal	white	Bldg A - Interior at Crotch = S/C	Interior/Exterior - Bldg A (Door, Door Case, Window Case)	N	
	64	Pipe	19	↓	↓	Bldg A - Exterior S/W	Exterior/Interior - Bldg A, B, E, C	N	





**ALTA**  
ENVIRONMENTAL

**Paint Chip Sample List**

Client: Sumner  
 Project No.: \_\_\_\_\_  
 Project Name: McKinley E.S.

Technician: F. Kuzulecha  
 Date: 10-11-16  
 Page: 3 of 4

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	76	Harbor	PC-20	Metal	white	Bldg A - N/E	Bldg A, E, C	N	
	495	Wall	21	Plaster	<del>Red</del> Green	Bldg A - Cafeteria S/W	Bldg A - Cafeteria	N	
	469	Fire Cabinet	22	Metal	white	Bldg A - Cafeteria N/E	Bldg A, B, E, C	N	
	520	Wall	23	Block	white	Bldg A - Kitchen N/W	Bldg A - <del>Kitchen</del>	N	
		Door to case	for bit XRF	wood	↓	H-601	Bldg A - West of Center (Exterior)	Yes	2 sq ft
	310	Window case	24	Metal	white	Bldg E - Exterior S/E	Bldg E - Exterior/ Interior	N	
	830	Door	25	wood	pink	* - Exterior - S/E	Exterior - Bldg E, C	N	
	448	Wall	26	wood	white	* - S/E	Interior at Bldg C Exterior - Bldg E	N	
	449	Ceiling	27	↓	↓	* - S/E	South shed Bldg E - walkway	N	
	55	Post	28	metal	white	↓ - S/W	↓	N	



# ALTA

ENVIRONMENTAL

## Paint Chip Sample List

Client: SUNCO, P  
 Project No.: \_\_\_\_\_  
 Project Name: Melbourne E.S.

Technician: F. Favalora  
 Date: 10-26-16  
 Page: 4 of 4

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	150	Window Core	PK-29	Metal	Brown	Bldg E - 70 - S/E	Bldg E - Interior, window Door Casings.	N	
	<52	wall	30	wood	white	Bldg E - 71 - W/E	Bldg E - Interior	N	
	<49	Cabinet	31	↓	↓	Bldg E - 71 - E/E	Bldg E - Interior	N	
	120	Stair	32	Metal	Pink	Bldg C - Exterior W/E	Bldg C - stairs and Treads (Exterior)	N	
	<49	Gate	33	↓	↓	Bldg C - ↓	Main entry gate (Bldg C Exterior)	N	
	110	↓	34	↓	white	Bldg C - Exterior N/E	Bldg C - stair treads	N	
	84	Vent	35	↓	white	Bldg C - S/E	Bldg B, C, A	N	

# Appendix E

**Laboratory Analytical Report: Lead**



1508 East 33rd Street  
Signal Hill, CA 90755  
Tel (562) 206-2770  
Fax (562) 206-2773

**Alta Environmental**  
**3777 Long Beach Boulevard**  
**Long Beach, CA 90807**  
Attention: Cesar Ruvalcaba

**Project Number:**  
**Project Name:** McKinley E.S.  
**Location:** Santa Monica

**Report Number:** 1625854

Date Received: 10/17/2016  
Date Analyzed: 10/21/2016  
Date Reported: 10/24/2016

Date Sampled: 10/11/2016  
Sampled By: Santa Monica  
Total Samples: 34

**Analytical Method:** EPA 7420/3050  
**Reporting Limit:** 5.0 µg

### Lead (Pb) in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1625854-001 PC-1	Not Used		
1625854-002 PC-2	Door Metal White	0.1037	70
1625854-003 PC-3	Doorcase Metal White	0.1077	180
1625854-004 PC-4	Door Wood White	0.1045	< 48
1625854-005 PC-5	Doorcase Wood White	0.1009	< 50
1625854-006 PC-6	Baseboard Wood Blue	0.1024	180
1625854-007 PC-7	Wall Drywall White	0.1040	< 48
1625854-008 PC-8	Door Wood Pink	0.0925	1800
1625854-009 PC-9	Wall Wood Blue/Yellow	0.1014	76
1625854-010 PC-10	Wall Trim Wood White	0.1085	2700
1625854-011 PC-11	Handrail Metal White	0.1011	< 49
1625854-012 PC-12	Wall Stucco White	0.1044	74
1625854-013 PC-13	Gutter Metal White	0.1055	260
1625854-014 PC-14	Fascia Wood White	0.1057	1500
1625854-015 PC-15	Handrail Metal Pink	0.1026	49



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Signal Hill, CA 90755  
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Report Number: 1625854

Alta Environmental  
3777 Long Beach Boulevard  
Long Beach, CA 90807  
Attention: Cesar Ruvalcaba

Project Number:  
Project Name: McKinley E.S.  
Location: Santa Monica

### Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	(% w/w)	Lead Concentration ppm (mg/kg)
1625854-016 PC-16	Door Metal Pink	0.1070		5700
1625854-017 PC-17	Doorcase Metal Pink	0.1049		< 48
1625854-018 PC-18	Doorcase Metal White	0.0430		< 120
1625854-019 PC-19	Pipe Metal White	0.1013		64
1625854-020 PC-20	Flashing Metal White	0.1016		76
1625854-021 PC-21	Wall Plaster Green	0.1025		< 49
1625854-022 PC-22	Firecabinet Metal White	0.0777		< 64
1625854-023 PC-23	Wall Plaster White	0.1044		520
1625854-024 PC-24	Windowcase Metal White	0.1043		310
1625854-025 PC-25	Door Wood Pink	0.1038		830
1625854-026 PC-26	Wall Wood White	0.1038		< 48
1625854-027 PC-27	Ceiling Wood White	0.1020		< 49
1625854-028 PC-28	Post Metal White	0.1041		55
1625854-029 PC-29	Windowcase Metal Brown	0.0865		150
1625854-030 PC-30	Wall Wood White	0.0954		< 52
1625854-031 PC-31	Cabinet Wood White	0.1015		< 49
1625854-032 PC-32	Stair Metal Pink	0.1008		120



1508 East 33rd Street  
 Signal Hill, CA 90755  
 Tel (562) 206-2770  
 Fax (562) 206-2773

**Report Number: 1625854**

**Alta Environmental**  
**3777 Long Beach Boulevard**  
**Long Beach, CA 90807**  
 Attention: Cesar Ruvalcaba

**Project Number:**  
**Project Name:** McKinley E.S.  
**Location:** Santa Monica

**Lead in Paint by Flame AAS**

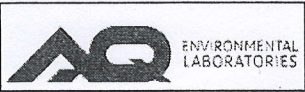
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1625854-033 PC-33	Gate Metal Pink	0.1021	< 49
1625854-034 PC-34	Gate Metal White	0.1099	110
1625854-035 PC-35	Vent Metal White	0.1011	84

Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. This report shall not be reproduced without the written approval of this laboratory. The client shall be solely responsible for interpreting analytical results. Samples have not been blank corrected. Samples shall be disposed according to local, state and federal laws, 30 days after reporting results.

CA ELAP Cert #2823

Approved Signatory- Cristina E. Tabatt





# CHAIN OF CUSTODY

1508 E. 33rd Street  
Signal Hill, CA 90755  
562-206-2770 Tel  
562-206-2773 Fax  
services@AQenvlabs.com

(Lab) Order No. 1625854

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	<u>Alden Environmental</u>	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	<u>3777 Laguna Beach Blvd</u>	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	<u>Lag Beach Ca</u>	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	<u>C. Puvion</u>	3 Day <input type="checkbox"/>	Drop Off <input checked="" type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone		5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax		Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name: <u>McKinley E.S.</u>	PO Number: _____
Project Number: _____	Work Order No.: _____
Location: <u>South Monterey</u>	Sampled By: <u>C. Puvion</u>

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/M4-82-020 <input type="checkbox"/>	NIOSH 7400A <input type="checkbox"/>	Spore Trap <input type="checkbox"/>	Air <input type="checkbox"/> TTLC <input type="checkbox"/>
PLM 400 Pt. Count (<0.25%) <input type="checkbox"/>	NIOSH 7400B <input type="checkbox"/>	Tape Lift <input type="checkbox"/>	Paint <input checked="" type="checkbox"/>
PLM 1000 Pt. Count (<0.1%) <input type="checkbox"/>	w/ TWA <input type="checkbox"/>	Bulk Sample <input type="checkbox"/>	Wipe <input type="checkbox"/>
		Swab <input type="checkbox"/>	Soil <input type="checkbox"/>

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
pc-1	not used		10-11-16				
<del>2</del>	<del>Door metal white</del>		↓				
<del>3</del>	<del>door</del>						
<del>4</del>	<del>Door wood white</del>						
<del>5</del>	<del>door</del>						
<del>6</del>	<del>Baseboard wood Blue</del>						
<del>7</del>	<del>Window Prywood white</del>						
8	Door wood Pink						
9	Wall wood Blue/Yellow						
10	Wall Trim wood white						
11	Handrail metal white						
12	Wall stucco white						
13	Gutter Metal White						
14	Facia wood white						
15	Handrail metal Pink						

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-14-16 1:00 PM</u>	Date/Time: <u>10/17/16 08:00</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:





# CHAIN OF CUSTODY

1508 E. 33rd Street  
 Signal Hill, CA 90755  
 562-206-2770 Tel  
 562-206-2773 Fax  
 services@AQenvlabs.com

Company: Alta  
 Project Number: \_\_\_\_\_  
 Project Name: Markimay E.S.

(Lab) Order No. 1625854

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
PC-16	Door metal Pink		10-11-16			
17	↓ case ↓ ↓					
18	Door <del>case</del> Case metal white					
19	Pipe metal - white					
20	Flashing Metal white					
21	Wall Plaster green					
22	Forecabinet Metal white					
23	Wall Plaster white					
24	Window Case metal white					
25	Door wood Pink					
26	Wall wood white					
27	Ceiling wood white					
28	Post metal white					
29	Window Case Metal Brown					
30	Wall wood white					
31	Cabinet wood white					
32	Stair Metal Pink					
33	Gate Metal Pink					
34	↓ ↓ white					
35	Vent Metal white					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-14-16 11:00 AM</u>	Date/Time: <u>10/17/16 08:00</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:

# Appendix F

**Sample Location Map: Lead**

GARDEN

Arizona Ave.

**McKinley Elementary School**  
2401 Santa Monica Blvd.  
Santa Monica, CA 90404  
310-828-5011 FAX: 310-449-1251

Oyenoki/Gutierrez
PE
RR

B9 COMPUTER LAB
DEMPSEY B8 2ND
ROSALES B7 SDC 2-5
LE B6 2ND
HAHN/LOWE B5 ART/CHILDCARE
Villasenior/P.T. B4 MUSIC/CREST/OT

KITCHEN	SCIENCE OFFICE
CAFETERIA	

CANON B3 PRESCHOOL SDC
BRADY B2 SDC K-2
TATE B1 TK/CHILDCARE

*PC-8*

*Bldg B*

TREUFELTS 210 3RD	TALBOTT 209 5TH	WORKROOM	EDWARDS 208 4TH	KIM 207 4TH
SALAMEH 110 1ST	MARKS 109 KN	WORKROOM	GALVAN 108 1ST	KIRVEN 107 3RD
Parent Room				

*PC-13*

*PC-9*

MARSHALL B11 3RD	MEDINA B10 2ND & 3RD
------------------------	----------------------------

*PC-23*

*PC-18*

*PC-20*

*PC-22*

*PC-2*

*PC-3*

*PC-6*

*Bldg C*

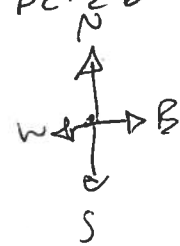
CONFERENCE ROOM KING/SNOW CASTELLANO	WIENER LITERACY COACH	LOUNGE	OFFICE	HEALTH OFFICE
CURRY 106 1ST	MOORE 105 K	PLASENCIA 103 K	BORENSTEIN 102 TK	TERCERO 101 COUNSELING
AUDITORIUM MUSIC				ROSS 100 1ST GRADE

DAVIES 204 RESOURCE	HEATON 205 4TH	TAO 203A PSYCHOLOGIST	LONGO 203 5TH	FRIEDMAN 201 RESOURCE	SINFIELD 202 4TH & 5TH	GOUGE 200 SPEECH
---------------------------	----------------------	-----------------------------	---------------------	-----------------------------	------------------------------	------------------------

Custodial Closets  
Restrooms

*Bldg E*

LAND OLLIFF
SUGASAWARA PRESCHOOL CHILDCARE



P  
A  
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*PC-1*

*PC-14*

*PC-19*

*PC-21*

*PC-14*

*PC-4*

*PC-5*

*PC-15*

*PC-12*

*PC-35*

*PC-28*

*PC-27*

*PC-24*

*PC-25*

*PC-26*

*PC-34*

*PC-33*

*PC-33*

*PC-32*

*PC-30*

*PC-29*

*PC-31*

Santa Monica Blvd.

# Appendix G

**XRF Lead Inspection, Instrument Calibration, and DHS 8552**



DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Location: McKinley Elementary School  
 Inspector: Fabian Ruvalcaba

Inspection Date: 10/11/16  
 Report Date: 11/18/2016  
 Abatement Level: 0.8  
 Report No. S#01184 - 10/11/16 20:01  
 Total Readings: 151  
 Job Started: 10/11/16 20:01  
 Job Finished: 10/13/16 19:35

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm <sup>2</sup> )	Mode
Exterior Room 001 Building B									
043	A	Wall	U Ctr		I	Stucco	White	-0.1	QM
045	A	Fascia			I	Wood	White	0.0	QM
042	A	Gutter			I	Metal	White	-0.1	QM
041	A	Downspout	Ctr		I	Metal	White	-0.1	QM
038	C	Wall	L Ctr		I	Stucco	White	0.2	QM
040	C	Door	Ctr	Lft casing	I	Metal	Pink	-0.2	QM
039	C	Door	Ctr	L Rgt	I	Metal	Pink	-0.4	QM
044	C	Stairs	Ctr	Railing cap	I	Metal	Pink	-0.3	QM
Exterior Room 002 Building A									
052	A	Wall	L Ctr		I	Stucco	White	-0.1	QM
053	A	Stairs	Ctr	Railing cap	I	Metal	Pink	-0.2	QM
046	C	Wall	L Ctr		I	Stucco	White	0.0	QM
049	C	Window	Ctr	Lft casing	I	Metal	White	-0.2	QM
051	C	Door	Ctr	Lft casing	I	Metal	White	-0.6	QM
050	C	Door	Ctr	L Ctr	I	Metal	White	-0.4	QM
047	C	Pipe	Ctr		I	Metal	White	0.0	QM
048	C	Flashing	Ctr		I	Metal	White	0.1	QM
064	D	Door	Ctr	Lft casing	D	Wood	Pink	0.8	QM
Exterior Room 004 Building E									
069	B	Wall	L Ctr		I	Stucco	White	-0.3	QM
076	B	Flashing	Ctr		I	Metal	White	-0.3	QM
068	C	Post	Ctr		I	Metal	White	-0.3	QM
071	C	Beam	Ctr		I	Wood	White	0.1	QM
072	C	Ceiling	Ctr		I	Wood	White	-0.3	QM
073	C	Shed	Ctr		I	Wood	White	-0.3	QM
065	D	Wall	L Ctr		I	Stucco	White	-0.1	QM
066	D	Wall	L Ctr		I	Metal	Pink	-0.1	QM
074	D	Gutter			I	Metal	White	-0.7	QM
070	D	Window	Ctr	Lft casing	I	Metal	White	0.0	QM
067	D	Door	Ctr	Lft casing	I	Metal	Pink	0.4	QM
075	D	Downspout	Ctr		I	Metal	White	-0.2	QM
Exterior Room 005 Building C									
094	C	Wall	L Ctr		I	Stucco	White	0.2	QM
097	C	Gutter			I	Metal	White	-0.3	QM
096	C	Door	Ctr	Lft casing	I	Metal	Pink	-0.2	QM
095	C	Door	Ctr	L Ctr	I	Metal	Pink	-0.2	QM
100	C	Door	Ctr	L Ctr	I	Wood	Pink	-0.2	QM
099	C	Stairs	Ctr	Railing cap	I	Metal	Pink	-0.1	QM
098	C	Downspout	Ctr		I	Metal	White	-0.4	QM

101	C	Vent		Ctr		I	Metal	White	0.0	QM
102	C	Ceiling		Ctr		I	Stucco	White	0.2	QM
103	D	Wall		L Ctr		I	Stucco	White	0.1	QM
104	D	Pipe		Ctr		I	Metal	White	-0.2	QM

Exterior Room 006 Walkway

105	A	Wall		L Ctr		I	Stucco	White	0.0	QM
106	A	Flashing		Ctr		I	Metal	White	0.0	QM

Exterior Room 007 Building C

111	A	Wall		L Ctr		I	Stucco	White	-0.4	QM
107	A	Stairs		Ctr	Treads	I	Metal	Pink	-0.2	QM
108	A	Stairs		Ctr	Stringer	I	Metal	Pink	-0.2	QM
109	A	Gate		Ctr		I	Metal	White	0.2	QM
110	A	Ceiling		Ctr		I	Stucco	White	-0.1	QM

Exterior Room 008 Main Entry

113	B	Wall		L Ctr		I	Stucco	White	-0.4	QM
114	B	Fascia				I	Wood	White	-0.3	QM
115	B	Gutter				I	Metal	White	-0.4	QM
112	B	Gate		Ctr		I	Metal	Pink	-0.1	QM

Interior Room 001 E-109

010	B	Door		Ctr	Lft casing	I	Wood	White	-0.2	QM
009	B	Door		Ctr	L Ctr	I	Wood	White	-0.1	QM
004	C	Wall		L Ctr		I	Plaster	White	0.0	QM
008	C	Window		Ctr	Lft casing	I	Wood	White	0.8	QM
006	C	Door		Ctr	Lft casing	I	Metal	White	-0.2	QM
005	C	Door		Ctr	L Rgt	I	Metal	White	-0.4	QM
007	C	Transom		Ctr		I	Wood	White	-0.4	QM
011	D	Wall		L Ctr		I	Wood	Blue	-0.5	QM

Interior Room 002 C-100

013	A	Wall		L Ctr		I	Plaster	Green	-0.1	QM
014	C	Baseboard		Ctr		I	Wood	Blue	0.2	QM
012	C	Window		Ctr	Lft casing	I	Wood	Green	0.8	QM

Interior Room 003 E-basement

017	A	Door		Ctr	Lft casing	I	Wood	Pink	-0.3	QM
016	A	Door		Ctr	U Ctr	I	Wood	Pink	6.6	QM
015	C	Wall		L Ctr		I	Plaster	Yellow	0.1	QM
018	D	Window		Ctr	Lft casing	I	Wood	Brown	>9.9	QM

Interior Room 004 E-B1

019	A	Wall		L Ctr		I	Drywall	White	-0.1	QM
021	D	Door		Ctr	Lft casing	I	Metal	White	-0.3	QM
020	D	Door		Ctr	L Ctr	I	Metal	White	-0.3	QM

Interior Room 005 B-stairway

023	C	Door		Ctr	Lft casing	I	Metal	White	-0.8	QM
022	C	Door		Ctr	L Ctr	I	Metal	White	-0.2	QM
024	D	Wall		L Ctr		I	Plaster	White	1.9	QM
026	D	Baseboard		Ctr		I	Wood	White	-0.2	QM
028	D	Stairs		Ctr	Railing cap	I	Wood	White	0.8	QM
025	D	Handrail		Ctr		I	Metal	White	0.0	QM
027	D	W-trim		Ctr		I	Wood	White	-0.2	QM

Interior Room 006 B-210

029	A	Wall		L Ctr		I	Plaster	Blue	-0.1	QM
030	A	Wall		L Ctr		I	Plaster	White	2.0	QM

031	B	Wall	L Ctr		I	Wood	Yellow	-0.4	QM
033	B	Door	Ctr	Lft casing	I	Wood	White	-0.3	QM
032	B	Door	Ctr	U Ctr	I	Wood	White	-0.2	QM

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Interior Room 007 B-207

034	A	Wall	L Ctr		I	Plaster	White	0.8	QM
036	A	Baseboard	Ctr		I	Wood	Blue	-0.5	QM
035	C	Window	Ctr	Lft casing	I	Wood	White	0.8	QM
037	D	Wall	L Ctr		I	Wood	Blue	-0.5	QM

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Interior Room 008 A-seating

054	A	Wall	L Ctr		I	Plaster	Green	0.0	QM
060	A	Door	Ctr	Lft casing	I	Wood	White	-0.4	QM
059	A	Door	Ctr	L Rgt	I	Wood	White	-0.4	QM
057	A	Fire Box	Ctr		I	Metal	White	-0.3	QM
056	B	Door	Ctr	Lft casing	I	Metal	White	-0.4	QM
055	B	Door	Ctr	L Ctr	I	Metal	White	-0.2	QM
058	D	Wall	L Ctr		I	Plaster	Green	-0.3	QM

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Interior Room 009 A-kitchen

063	A	Wall	L Lft		I	Drywall	White	-0.1	QM
061	A	Wall	L Ctr		I	Plaster	White	-0.1	QM
062	C	Wall	L Ctr		I	Plaster	White	-0.3	QM

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Interior Room 010 E-71

080	A	Wall	L Ctr		I	Wood	White	-0.4	QM
082	A	Door	Ctr	Lft casing	I	Wood	White	0.1	QM
081	A	Door	Ctr	L Ctr	I	Wood	White	-0.3	QM
078	D	Window	Ctr	Lft casing	I	Metal	Brown	-0.4	QM
079	D	Door	Ctr	Lft casing	I	Metal	White	-0.4	QM
077	D	Door	Ctr	L Ctr	I	Concrete	White	-0.3	QM
083	D	Cabinet			I	Drywall	White	-0.1	QM

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Interior Room 011 E-BRR

084	B	Wall	L Ctr		I	Drywall	White	-0.5	QM
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Interior Room 012 E-71D

087	D	Window	Ctr	Lft casing	I	Metal	White	-0.3	QM
086	D	Door	Ctr	Lft casing	I	Metal	White	-0.4	QM
085	D	Door	Ctr	L Ctr	I	Wood	White	-0.2	QM
088	A	Wall	L Ctr		I	Drywall	White	-0.2	QM

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Interior Room 013 E-kitchen

089	A	Wall	L Ctr		I	Drywall	White	-0.2	QM
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Interior Room 014 E-70

093	A	Door	Ctr	Lft casing	I	Wood	White	-0.2	QM
092	A	Door	Ctr	L Rgt	I	Wood	White	-0.6	QM
090	B	Window	Ctr	Lft casing	I	Metal	Brown	-0.1	QM
091	C	Wall	L Ctr		I	Drywall	White	0.0	QM

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Interior Room 015 C-100

125	A	Wall	L Ctr		I	Wood	Blue	-0.4	QM
120	A	Window	Ctr	Lft casing	I	Wood	White	0.8	QM
119	A	Wall	Ctr	Lft casing	I	Metal	White	0.8	QM
122	A	Door	Ctr	Lft casing	I	Metal	White	-0.6	QM
121	A	Door	Ctr	L Lft	I	Metal	White	0.0	QM
124	C	Truss	Ctr		I	Metal	White	0.8	QM
123	D	Door	Ctr	U Rgt	I	Wood	White	-0.2	QM

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Interior Room 016 C-Center Stairway

138	A	Stairs	Ctr	Railing cap	I	Wood	White	2.9	QM
141	A	Wall	L Ctr		I	Plaster	White	3.1	QM
140	A	Window	Ctr	Lft casing	I	Wood	White	3.7	QM
142	A	Stairs	Ctr	Treads	I	Metal	Gray	0.2	QM
139	A	Handrail	Ctr		I	Metal	White	-0.1	QM

Interior Room-Girls Restrooms

126	A	Ceiling			I	Drywall	White	-0.4	QM
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Interior Room 017 C-Main Office

127	A	Wall	L Ctr		I	Drywall	White	-0.4	QM
129	A	Door	Ctr	Lft casing	I	Metal	Pink	-0.3	QM
128	A	Door	Ctr	L Ctr	I	Wood	Pink	-0.6	QM
131	B	Door	Ctr	Lft casing	I	Metal	Pink	-0.5	QM
130	B	Door	Ctr	L Rgt	I	Metal	Pink	-0.4	QM

Interior Room 018 C-Auditorium

132	A	Wall	L Ctr		I	Plaster	Green	6.2	QM
134	A	Floor			I	Wood	Brown	-0.2	QM
133	A	Window	Ctr	Lft casing	I	Wood	White	5.5	QM
135	D	Stage	Ctr		I	Wood	Green	6.9	QM
136	D	Stage	Ctr		I	Wood	Brown	0.0	QM
137	D	Stage Trim	Ctr		I	Wood	Green	5.4	QM

Interior Room 019 C-206

148	A	Door	Ctr	Lft casing	I	Metal	White	-0.3	QM
147	A	Door	Ctr	L Ctr	I	Metal	White	-0.4	QM
146	B	Door	Ctr	Lft casing	I	Wood	White	-0.5	QM
145	B	Door	Ctr	L Ctr	I	Wood	White	-0.1	QM
143	C	Wall	L Ctr		I	Plaster	Blue	0.8	QM
144	C	Window	Ctr	Lft casing	I	Wood	Blue	0.8	QM

Calibration Readings

001								1.2	TC
002								1.1	TC
003								1.1	TC
116								0.8	TC
117								0.8	TC
118								0.9	TC
149								1.3	TC
150								1.2	TC
151								1.1	TC

---- End of Readings ----

# ALIA ENVIRONMENTAL - XRF DATA FORM

10-11-16

Site: Mckinley E.C. Bldg 05 Unit: 2

Project # \_\_\_\_\_

ROOM EQUIVALENT: 109

INSPECTOR: \_\_\_\_\_

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall	A B <u>⊙</u> D	L R <u>⊙</u>	W DW <u>⊙</u> M C B S CE	P F <u>⊙</u>	White
5	Wall Door	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P <u>⊙</u> C B S CE	P F <u>⊙</u>	
6	Wall <u>Case</u>	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P <u>⊙</u> C B S CE	P F <u>⊙</u>	
7	Wall <u>Museum</u>	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	
8	Window frame	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
9	Door	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	White
10	Door casing	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	
11	Door jamb <u>Wall</u>	A B C <u>⊙</u> D	L R <u>⊙</u>	W DW P M C B S CE	P F <u>⊙</u>	Blue
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: New unpainted aluminum windows

ROOM EQUIVALENT: 110

Number	Component	Wall	Location	Substrate	Condition	Color
12	Wall Window frame	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	Green
13	Wall	A B C D	L R <u>⊙</u>	W DW <u>⊙</u> M C B S CE	P F <u>⊙</u>	Green
14	Wall Baseboard	A B <u>⊙</u> D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	Blue
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Base 1

Number	Component	Wall	Location	Substrate	Condition	Color
15	Wall	A B <u>⊙</u> D	L <u>⊙</u> C	W DW <u>⊙</u> M C B S CE	P F <u>⊙</u>	Yellowish
16	Wall Door	A B C D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	Pink
17	Wall <u>Case</u>	A B C D	<u>⊙</u> R C	W DW P M C B S CE	P F <u>⊙</u>	
18	Wall Window frame	A B C <u>⊙</u> D	L R <u>⊙</u>	W DW P M C B S CE	P F <u>⊙</u>	Brown
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
19	Door	A B C <u>⊙</u> D	L <u>⊙</u> C	W DW P <u>⊙</u> C B S CE	P F <u>⊙</u>	White
20	Door casing	A B C <u>⊙</u> D	L <u>⊙</u> C	W DW P <u>⊙</u> C B S CE	P F <u>⊙</u>	White
21	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	Blue
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to:  
 North side  
 Address side  
 Entrance to unit

# ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Bldg B Unit: \_\_\_\_\_ Project # \_\_\_\_\_

ROOM EQUIVALENT: Stairway INSPECTOR: \_\_\_\_\_

Number	Component	Wall	Location	Substrate	Condition	Color
22	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F O	white
23	Wall base	A B C D	L R C	W DW P M C B S CE	P F O	white
24	Wall	A B C D	R C	W DW P M C B S CE	P F O	white
25	Wall Headrail	A B C D	R C	W DW P M C B S CE	P F O	white
26	Baseboard	A B C D	L R C	W DW P M C B S CE	P F O	white
27	Baseboard wall trim	A B C D	R C	W DW P M C B S CE	P F O	white
28	Door stair top Rail	A B C D	L R C	W DW P M C B S CE	P F O	white
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: 210

Number	Component	Wall	Location	Substrate	Condition	Color
29	Wall	A B C D	L R C	W DW P M C B S CE	P F O	Blue
30	Wall	A B C D	R C	W DW P M C B S CE	P F O	white
31	Wall	A B C D	L R C	W DW P M C B S CE	P F O	yellow
32	Wall Dow	A B C D	R C	W DW P M C B S CE	P F O	white
33	Wall base	A B C D	L R C	W DW P M C B S CE	P F O	white
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: 207

Number	Component	Wall	Location	Substrate	Condition	Color
34	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
35	Wall window frame	A B C D	L R C	W DW P M C B S CE	P F O	white
36	Wall Baseboard	A B C D	L R C	W DW P M C B S CE	P F O	Blue
38	Wall Wall	A B C D	R C	W DW P M C B S CE	P F O	white
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A: where Side A corresponds to: North side  
Address side  
Entrance to unit

# ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Bldg B Unit: \_\_\_\_\_ Project # \_\_\_\_\_

ROOM EQUIVALENT: Exterior

INSPECTOR: \_\_\_\_\_

Number	Component	Wall	Location	Substrate	Condition	Color
38	Wall	A B <del>C</del> D	L <del>R</del> C	W DW P M C B <del>S</del> CE	P F <del>I</del>	white
39	Wall <u>Door</u>	A B <del>C</del> D	L <del>R</del> C	W DW P <del>M</del> C B S CE	P F <del>I</del>	pink
40	Wall <u>Stucco</u>	A B <del>C</del> D	L <del>R</del> C	W DW P <del>M</del> C B S CE	P F <del>I</del>	↓
41	Wall <u>Downspout</u>	<del>A</del> B C D	<del>L</del> R C	W DW P <del>M</del> C B S CE	P F <del>I</del>	white
42	Wall <u>Gutters</u>	<del>A</del> B C D	<del>L</del> R C	W DW P <del>M</del> C B S CE	P F <del>I</del>	↓
43	Baseboard wall	<del>A</del> B C D	<del>L</del> R C	W DW P <del>M</del> C B S CE	P F <del>I</del>	↓
44	Door <u>Handrail</u>	<del>A</del> B <del>C</del> D	L R <del>C</del>	W DW P <del>M</del> C B S CE	P F <del>I</del>	pink
45	Door casing <u>balcon</u>	<del>A</del> B C D	L R <del>C</del>	<del>W</del> DW P M C B S CE	P F <del>I</del>	white
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: windows lucc and frame unpainted alumina.

ROOM EQUIVALENT:

Number	Component	Wall	Location	Substrate	Condition	Color
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT:

Number	Component	Wall	Location	Substrate	Condition	Color
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side  
Address side  
Entrance to unit

# ALTA ENVIRONMENTAL - XRF DATA FORM

Site: Exterior Bldg A Unit: \_\_\_\_\_ Project # \_\_\_\_\_

ROOM EQUIVALENT: Bldg A Exterior

INSPECTOR: \_\_\_\_\_

Number	Component	Wall	Location	Substrate	Condition	Color
46	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
47	Wall Pipe	A B C D	L R C	W DW P M C B S CE	P F O	↓
48	Wall Plush	A B C D	L R C	W DW P M C B S CE	P F O	↓
49	Wall Window Case	A B C D	L R C	W DW P M C B S CE	P F O	white
50	Door Dow	A B C D	L R C	W DW P M C B S CE	P F O	↓
51	Baseboard Floor	A B C D	L R C	W DW P M C B S CE	P F O	↓
52	Door Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
53	Door casing Handrail	A B C D	L R C	W DW P M C B S CE	P F O	white
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Santry Area

Number	Component	Wall	Location	Substrate	Condition	Color
54	Wall	A B C D	L R C	W DW P M C B S CE	P F O	green
55	Wall Dow	A B C D	L R C	W DW P M C B S CE	P F O	white
56	Wall Jcs	A B C D	L R C	W DW P M C B S CE	P F O	↓
57	Wall fire cabinet	A B C D	L R C	W DW P M C B S CE	P F O	↓
58	Wall	A B C D	L R C	W DW P M C B S CE	P F O	green
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
59	Door	A B C D	L R C	W DW P M C B S CE	P F O	white
60	Door casing	A B C D	L R C	W DW P M C B S CE	P F O	↓
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

ROOM EQUIVALENT: Kitchen

Number	Component	Wall	Location	Substrate	Condition	Color
61	Wall	A B C D	L R C	W DW P M C B S CE	P F O	white
62	Wall	A B C D	L R C	W DW P M C B S CE	P F O	↓
63	Wall	A B C D	L R C	W DW P M C B S CE	P F O	↓
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
* 64	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	white
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes:

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side  
Address side  
Entrance to unit



ROOM EQUIVALENT: exter.

Number	Component	Wall	Location	INSPECTOR:				Condition	Color
				Substrate					
65	Wall	A B C <u>0</u>	<u>0</u> R C	W DW P M C B S CE					
66	Wall <u>Door</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
67	Wall <u>doors</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
68	Wall <u>Post</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	Pink	
69	Wall	A <u>0</u> C D	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
70	Baseboard <u>w. l.</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
71	Door <u>beam</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
72	Door casing <u>ceiling</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
73	Door jamb <u>Shed</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
74	Ceiling <u>Gutter</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
75	Window casing <u>Light</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
76	Window sash <u>Arch</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
	Cabinets	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		

Notes:

ROOM EQUIVALENT: Rm 71

Number	Component	Wall	Location	INSPECTOR:				Condition	Color
				Substrate					
77	Wall <u>Door</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
78	Wall <u>w. l.</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	Brown	
79	Wall <u>Door Case</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
80	Wall <u>Wall</u>	A B C D	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
81	Door <u>Door</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
82	Baseboard <u>Door</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
83	Door <u>Door</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
	Door casing	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
	Door jamb	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
84	Ceiling	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
	Window casing	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
	Window sash	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
	Cabinets	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		

Notes:

ROOM EQUIVALENT: 71 D

Number	Component	Wall	Location	INSPECTOR:				Condition	Color
				Substrate					
85	Wall	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
86	Wall <u>Door</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>	White	
87	Wall <u>Door</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
88	Wall <u>Window Case</u>	A B C <u>0</u>	L R <u>0</u>	W DW P M C B S CE			P F <u>0</u>		
	Baseboard	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
	Door	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
89	Door casing <u>Wall</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
	Door jamb	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
90	Ceiling	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
	Window casing	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
91	Window sash <u>Wall</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		
92	Cabinets <u>Door</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	Brown	
93	<u>Door</u>	A B C D	L R C	W DW P M C B S CE			P F <u>0</u>	White	
		A B C D	L R C	W DW P M C B S CE			P F <u>0</u>		

Notes:

W = Wood DW = Drywall P = Plaster M = Metal C = Concrete B = Brick S = Stucco CE = Ceramic  
 SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side, Address side, Entrance to unit

Site: Blky C - Extar Unit: 2 Project # \_\_\_\_\_

ROOM EQUIVALENT: fy tower

Number	Component	Wall	Location	INSPECTOR:		Condition	Color
				Substrate			
94	Wall	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P M C B <input checked="" type="checkbox"/> CE		P F <input checked="" type="checkbox"/>	White
95	Wall <u>Down</u>	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	White
96	Wall <u>Down</u>	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	Pink
97	Wall <u>cuttr</u>	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	↓
98	Baseboard <u>Down</u>	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	White
99	Door <u>Hand rail</u>	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P M C B S CE		P F <input checked="" type="checkbox"/>	↓
100	Door casing	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	↓
101	Door jamb <u>vent</u>	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	Pink
102	Ceiling	A B <input checked="" type="checkbox"/> D	L <input checked="" type="checkbox"/> C	W DW P M C B S CE		P F <input checked="" type="checkbox"/>	Pink
103	Window casing <u>wall</u>	A B C <input checked="" type="checkbox"/>	L <input checked="" type="checkbox"/> R C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	White
104	Window sash <u>pipe</u>	A B C <input checked="" type="checkbox"/>	L <input checked="" type="checkbox"/> R C	W DW P M C B <input checked="" type="checkbox"/> CE		P F <input checked="" type="checkbox"/>	White
	Cabinets	A B C D	L R C	W DW P M C B S CE		P F <input checked="" type="checkbox"/>	↓
		A B C D	L R C	W DW P M C B S CE		P F I	
		A B C D	L R C	W DW P M C B S CE		P F I	

Notes: windows - frame unpainted alum.

ROOM EQUIVALENT: walk way

Number	Component	Wall	Location	INSPECTOR:		Condition	Color
				Substrate			
105	Wall	A B C D	L <input checked="" type="checkbox"/> R C	W DW P M C B <input checked="" type="checkbox"/> CE		P F <input checked="" type="checkbox"/>	White
106	Wall <u>flush</u>	A B C D	L <input checked="" type="checkbox"/> R C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	White
	Wall	A B C D	L R C	W DW P M C B S CE		P F I	
	Wall	A B C D	L R C	W DW P M C B S CE		P F I	
107	Baseboard <u>stair</u>	A B C D	L R C	W DW P M C B S CE		P F I	
108	Door <u>↓ Trends</u>	A B C D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	Pink
109	Door casing <u>gate</u>	A B C D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	↓
110	Door jamb <u>ceiling</u>	A B C D	L <input checked="" type="checkbox"/> C	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	White
111	Ceiling <u>wall</u>	A B C D	L R C	W DW P M C B <input checked="" type="checkbox"/> CE		P F <input checked="" type="checkbox"/>	↓
	Window casing	A B C D	L R C	W DW P M C B S CE		P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE		P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE		P F I	
		A B C D	L R C	W DW P M C B S CE		P F I	
		A B C D	L R C	W DW P M C B S CE		P F I	

Notes: \_\_\_\_\_

ROOM EQUIVALENT: Main Entry Extar

Number	Component	Wall	Location	INSPECTOR:		Condition	Color
				Substrate			
112	Wall <u>gate</u>	A <input checked="" type="checkbox"/> C D	L R <input checked="" type="checkbox"/>	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	Pink
113	Wall <u>wall</u>	A <input checked="" type="checkbox"/> C D	L R <input checked="" type="checkbox"/>	W DW P M C B <input checked="" type="checkbox"/> CE		P F <input checked="" type="checkbox"/>	White
114	Wall <u>facia</u>	A <input checked="" type="checkbox"/> C D	L R <input checked="" type="checkbox"/>	W DW P M C B S CE		P F <input checked="" type="checkbox"/>	↓
115	Wall <u>cuttr</u>	A <input checked="" type="checkbox"/> C D	L R <input checked="" type="checkbox"/>	W DW P <input checked="" type="checkbox"/> C B S CE		P F <input checked="" type="checkbox"/>	↓
	Baseboard	A B C D	L R C	W DW P M C B S CE		P F I	
	Door	A B C D	L R C	W DW P M C B S CE		P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE		P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE		P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE		P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE		P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE		P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE		P F I	
		A B C D	L R C	W DW P M C B S CE		P F I	
		A B C D	L R C	W DW P M C B S CE		P F I	

Notes: \_\_\_\_\_

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side, Address side, Entrance to unit



ROOM EQUIVALENT: Rm 100

Number	Component	Wall	Location	Substrate	Condition	Color
119	Wall	B C D	R C	W DW P M C B S CE	P F O	
120	Wall window frame	B C D	R C	W DW P M C B S CE	P F O	Green
121	Wall Door	B C D	R C	W DW P M C B S CE	P F O	White
122	Wall Latch	B C D	R C	W DW P M C B S CE	P F O	
123	Door	A B C D	L R C	W DW P M C B S CE	P F O	
124	Baseboard Truss	A B C D	L R C	W DW P M C B S CE	P F O	
125	Door Baseboard	A B C D	L R C	W DW P M C B S CE	P F O	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F O	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F O	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	Blue
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: Under windows Casca unpainted claus - theous low l.  
All Heater closets are unpainted sheet laminate panels

ROOM EQUIVALENT: HR

Number	Component	Wall	Location	Substrate	Condition	Color
126	Wall Cask	B C D	L R C	W DW P M C B S CE	P F O	White
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
	Wall	A B C D	L R C	W DW P M C B S CE	P F I	
127	Baseboard Wnd	B C D	L R C	W DW P M C B S CE	P F I	
128	Door	B C D	L R C	W DW P M C B S CE	P F I	
129	Door casing	B C D	R C	W DW P M C B S CE	P F O	White
130	Door jamb	B C D	R C	W DW P M C B S CE	P F O	Pink
131	Ceiling Lcass	A B C D	L R C	W DW P M C B S CE	P F O	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F O	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F O	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	
		A B C D	L R C	W DW P M C B S CE	P F I	

ROOM EQUIVALENT: Aud: Seminar

Number	Component	Wall	Location	Substrate	Condition	Color
132	Wall	B C D	L R C	W DW P M C B S CE	P F O	Green
133	Wall window frame	B C D	L R C	W DW P M C B S CE	P F O	White
134	Wall Floor	A B C D	L R C	W DW P M C B S CE	P F O	Brown
135	Wall stage	A B C D	L R C	W DW P M C B S CE	P F O	Green
136	Baseboard	A B C D	L R C	W DW P M C B S CE	P F O	Brown
	Door	A B C D	L R C	W DW P M C B S CE	P F I	
	Door casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I	
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F I	
	Window casing	A B C D	L R C	W DW P M C B S CE	P F I	
	Window sash	A B C D	L R C	W DW P M C B S CE	P F I	
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F I	
137	Stage Trunc	A B C D	L R C	W DW P M C B S CE	P F O	Green

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side  
 Address side  
 Entrance to unit

Calibration - 0.8 116  
 - 0.8 117  
 - 0.9 118

Site: Bldg L

XRF DATA FORM

Unit: 1

Project #

ROOM EQUIVALENT: Stairway (Center)

Number	Component	Wall	Location	INSPECTOR:				Condition	Color
				Substrate					
138	Wall Stone base cap	A B C D	L R C	W DW P M C B S CE					
139	Wall Handrail	A B C D	L R C	W DW P M C B S CE					
140	Wall Window frame	A B C D	L R C	W DW P M C B S CE				White	
141	Wall Wall	A B C D	L R C	W DW P M C B S CE					
142	Stair Tread	A B C D	L R C	W DW P M C B S CE					
	Baseboard	A B C D	L R C	W DW P M C B S CE					
	Door	A B C D	L R C	W DW P M C B S CE					
	Door casing	A B C D	L R C	W DW P M C B S CE				Grey	
	Door jamb	A B C D	L R C	W DW P M C B S CE					
	Ceiling	A B C D	L R C	W DW P M C B S CE					
	Window casing	A B C D	L R C	W DW P M C B S CE					
	Window sash	A B C D	L R C	W DW P M C B S CE					
	Cabinets	A B C D	L R C	W DW P M C B S CE					
		A B C D	L R C	W DW P M C B S CE					
		A B C D	L R C	W DW P M C B S CE					

Notes:

ROOM EQUIVALENT: 206

Number	Component	Wall	Location	INSPECTOR:				Condition	Color
				Substrate					
143	Wall	A B C D	L R C	W DW P M C B S CE					
144	Wall Window frame	A B C D	L R C	W DW P M C B S CE				Blue	
145	Wall Door	A B C D	L R C	W DW P M C B S CE					
146	Wall Door	A B C D	L R C	W DW P M C B S CE				White	
147	Baseboard Door	A B C D	L R C	W DW P M C B S CE					
148	Door	A B C D	L R C	W DW P M C B S CE					
	Door casing	A B C D	L R C	W DW P M C B S CE					
	Door jamb	A B C D	L R C	W DW P M C B S CE					
	Ceiling	A B C D	L R C	W DW P M C B S CE					
	Window casing	A B C D	L R C	W DW P M C B S CE					
	Window sash	A B C D	L R C	W DW P M C B S CE					
	Cabinets	A B C D	L R C	W DW P M C B S CE					
		A B C D	L R C	W DW P M C B S CE					
		A B C D	L R C	W DW P M C B S CE					

Notes:

ROOM EQUIVALENT:

Number	Component	Wall	Location	INSPECTOR:				Condition	Color
				Substrate					
	Wall	A B C D	L R C	W DW P M C B S CE					
	Wall	A B C D	L R C	W DW P M C B S CE					
	Wall	A B C D	L R C	W DW P M C B S CE					
	Wall	A B C D	L R C	W DW P M C B S CE					
	Baseboard	A B C D	L R C	W DW P M C B S CE					
	Door	A B C D	L R C	W DW P M C B S CE					
	Door casing	A B C D	L R C	W DW P M C B S CE					
	Door jamb	A B C D	L R C	W DW P M C B S CE					
	Ceiling	A B C D	L R C	W DW P M C B S CE					
	Window casing	A B C D	L R C	W DW P M C B S CE					
	Window sash	A B C D	L R C	W DW P M C B S CE					
	Cabinets	A B C D	L R C	W DW P M C B S CE					
		A B C D	L R C	W DW P M C B S CE					
		A B C D	L R C	W DW P M C B S CE					

Notes:

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

SIDE IDENTIFICATION: Sides B, C & D are identified clockwise from Side A; where Side A corresponds to: North side  
Address side  
Entrance to unit

149 - Calibrated - 1.3

150 - - 1.2

151 - - 1.1

# Calibration Check Test Results

Address/Unit No. McKinley Elementary School

Device LPA-1

Date 10/11/2016

XRF Serial No. 1184

Contractor Alta Environmental

Inspector Name Fabian Ruvalcaba

Signature 

NIST SRM Used 1.04 mg/cm<sup>2</sup>

Calibration Check Tolerance Used 0.3 mg/cm<sup>2</sup>

**First Calibration Check**

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading	1.13	0.09
1.2	1.1	1.1		

**Second Calibration Check**

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading	0.83	0.207
0.8	0.8	0.9		

**Third Calibration Check (if required)**

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading	1.20	0.16
1.3	1.2	1.1		

**Fourth Calibration Check (*not required*)**

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading		

\* if the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

## LEAD HAZARD EVALUATION REPORT

**Section 1 – Date of Lead Hazard Evaluation** 10/11/16

**Section 2 – Type of Lead Hazard Evaluation (Check one box only)**

Lead Inspection     Risk assessment     Clearance Inspection     Other (specify) Limited for construction purpose

**Section 3 – Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]	City	County	Zip Code
2401 Santa Monica Boulevard	Santa Monica	Los Angeles	90405
Construction date (year) of structure	Type of structure		Children living in structure?
	<input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know


**Section 4 – Owner of Structure (if business/agency, list contact person)**

Name		Telephone number	
Santa Monica Malibu USD		Office: (310) 450-8338 X79371	
Address [number, street, apartment (if applicable)]		City	State
1651 Sixteenth Street		Santa Monica	California
		Zip Code	
		90405	

**Section 5 – Results of Lead Hazard Evaluation (check all that apply)**

No lead-based paint detected     Intact lead-based paint detected     Deteriorated lead-based paint detected  
 No lead hazards detected     Lead-contaminated dust found     Lead-contaminated soil found     Other \_\_\_\_\_

**Section 6 – Individual Conducting Lead Hazard Evaluation**

Name		Telephone number	
Fabian Ruvalcaba		562-495-5777	
Address [number, street, apartment (if applicable)]		City	State
3777 Long Beach Blvd., Annex Building		Long Beach	California
Zip Code			
90807			
CDPH certification number	Signature	Date	
22130		10/11/16	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

**Section 7 – Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health  
 Childhood Lead Poisoning Prevention Branch Reports  
 850 Marina Bay Parkway, Building P, Third Floor  
 Richmond, CA 94804-6403  
 Fax: (510) 620-5656

# Appendix H

## **Alta Environmental Employee Certifications**

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

**Fabian Ruvalcaba**



Name

Certification No. **15-5633**

Expires on **11/17/17**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7100 et seq. of the Business and Professions Code.





State of California Department of Public Health

Lead-Related  
Construction  
Certificate

Certificate  
Type

Expiration  
Date

Inspector/Assessor 12/06/2016



Fabian Ruvalcaba

ID #: 22130

# Certificate Of Completion

## Asbestos Building Inspector Initial Course

DOSH #:CA-015-05

**Anthony Vincente**

ABII0613160001N9487

**Alan Dages**

Principal Instructor

6/13/2016

Course Start Date

6/15/2016

Course End Date

6/15/2016

Exam Date

6/15/2017

Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

**NATEC International, Inc.**

**National Association of Training and Environmental Consulting**

1100 Technology Circle- Suite A, Anaheim, CA 92805 • [www.natecintl.com](http://www.natecintl.com) • 800-969-3228



### Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993  
(916) 483-0572 Fax Notification  
Web: [www.dir.ca.gov](http://www.dir.ca.gov) or [calosha.com](http://calosha.com)

CDPH/CLPPB: Ph# (510) 620-5600  
Web: [www.cdph.ca.gov/programs/CLPPB](http://www.cdph.ca.gov/programs/CLPPB)

SCAQMD: Ph# (909) 396-3739  
Fax#(909) 396-3342

BAAQMD: Ph# (415) 749-4762

### NATEC International, Inc.

National Association of Training and Environmental Consulting

Anaheim, CA • Oakland, CA • Fresno, CA • Sacramento, CA

**Asbestos • Lead • Mold • HAZWOPER**

P.O. Box 25205 Anaheim, CA 92825-5205  
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757

[www.natecintl.com](http://www.natecintl.com)

### NATEC International, Inc.

National Association of Training and Environmental Consulting  
\*Note: Card is not suitable substitute for certificate and is not accepted by SCAQMD as proof of certification

This Card Acknowledges That  
**Anthony Vincente**

Holds Training Certification For  
Asbestos Building Inspector Initial Course

(Valid for 12 months)

Training Date 6/13/2016  
Certificate No. ABII0613160001N9487

**Michael W. Horner**  
Training Director

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

**Cesar Ruvalcaba**

Name



Certification No. **95-1799**

Expires on **10/27/17**

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

Certificate  
Type

Expiration  
Date

Inspector/Assessor

01/16/2017

Project Monitor

01/16/2017



Cesar A. Ruvalcaba

ID #: 6855

# Appendix I

## **Summary of Lead-Containing Paints**

**MATERIAL INVENTORY  
LEAD PAINT CHIP SAMPLES**

**CLIENT:** SMMUSD  
**PROJECT NO:** SMSD-16-6281  
**PROJECT NAME:** McKinley Elementary School

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Door (painted various colors)	PC-2	Metal	White	B, 109, south center	Interior, A, B, C, E	70	No	N/A
Door casing	PC-3	Metal	White	B, 109, south center	Interior, A, B, C, E	180	No	N/A
Baseboard	PC-6	Wood	Blue	C-103, north center	Interior B, C	180	No	N/A
Door	PC-8	Wood	White	B, basement, center	B basement (doors and door casings)	1,800	No	N/A
Wall	PC-9	Wood	Blue/yellow	B, 208, NE	B, room dividing walls	76	No	N/A
Wall trim	PC-10	Wood	White	B, east stair, NW	B, C	2,700	No	N/A
gutter	PC-13	Metal	White	B, north center	Exterior A, B, C, E (gutter and downspout)	260	No	N/A
Fascia	PC-14	Wood	White	C, west center	Exterior B, C, E	1,500	No	N/A
Hand rail	PC-15	Metal	Pink	C, south center	Exterior A, B, C, E	49	No	N/A
Pipe	PC-19	Metal	White	A, exterior SW	Interior/exterior A, B, C, D	64	No	N/A
Flashing	PC-20	Metal	White	A, NE	A, C, E	76	No	N/A
Wall	PC-23	Plaster	White	A, kitchen, NW	A	520	No	N/A
Window casing	PC-24	Metal	White	E, exterior, south center	Interior/exterior A	310	No	N/A
door	PC-25	Wood	Pink	E, exterior, south center	Exterior C, E and interior C	830	No	N/A
Post	PC-28	Metal	White	E, exterior, south west	E, walkways	55	No	N/A
Window casing	PC-29	Metal	Brown	E, 70, south center	Interior window and door casings, E	150	No	N/A
Stair	PC-32	Metal	Pink	C, exterior, NE	Stairs and treads (exterior C)	120	No	N/A
Gate	PC-34	Metal	White	C, exterior, NE	Entry gate, C	110	No	N/A
Vent	PC-35	Metal	White	C, SE	A. B. C	84	No	N/A