



ASBESTOS AND LEAD SURVEY

McKinley Elementary School
2410 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-17-7280
Date: January 30, 2018

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EXECUTIVE SUMMARY

On November 17, 21, 30 and December 1, 2017, Alta Environmental conducted a limited survey for asbestos, and lead in paint for the Modernization Project to be completed at McKinley Elementary School located at 2401 Santa Monica Boulevard, Malibu, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Review of existing records by Cape Environmental 1993, CTL Environmental 2007, and Alta Environmental 2016;
- 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.

Asbestos-containing materials (ACMs) were detected in areas inspected by the scope of work. 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).*

Lead-based paints (LBP) were detected in areas impacted by the scope of work. Removal and disturbances may be subject to California Department of Public Health. 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.

Lead-containing paints (LCP) were detected in areas impacted by the scope of work. 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.

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

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REPORTED: January 30, 2018

PROJECT NO.: SMSD-17-7280

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

ATTENTION: Mr. Chris Emmett

REF: Asbestos and Lead Survey
Modernization Project
McKinley Elementary School
2401 Santa Monica Boulevard
Santa Monica, California 90404

1 INTRODUCTION

On November 17, 21, 30 and December 1, 2017, Alta Environmental conducted a survey for asbestos, and lead in paint for the Modernization Project to be completed at McKinley Elementary School located at 2410 Santa Monica Boulevard in Santa Monica, California.

For this project, Alta used previous sampling information provided by the District. Alta reviewed the Cape Environmental 1993, CTL Environmental 2006, and Alta Environmental 2016. In some cases, the sampling and information was augmented during this inspection to meet current sampling requirements.

2 PROJECT BACKGROUND

Santa Monica-Malibu Unified School District retained Alta Environmental for the limited survey. The survey was completed by Victor Sanchez, a Cal/OSHA Certified Asbestos Consultant and California Department of Public Health (CDPH) Certified Inspector/Assessor, and Jorge Robles, a Cal/OSHA Certified Site Surveillance Technician working under the direct supervision of Cesar Ruvalcaba, A Cal/OSHA Certified Asbestos Consultant and California Department of Public Health (CDPH) Certified Inspector/Assessor

3 SCOPE OF WORK

The limited survey included the following:

- Review of existing records by Cape Environmental 1993, CTL Environmental 2007, and Alta Environmental 2016;
- 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.

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 sample 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.

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/cm² 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 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

Asbestos-containing materials (ACM) 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.

Summary of ACMs:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Building B				
TSI Pipe Wrap	NA	Electrical Room, Basement	ASSUMED	50 sq. ft.
12" Beige and White Floor Tile with Black mastic	B-19, B-20, B-21	Basement Stairway	3% chrysotile-tile 5% chrysotile-mastic	50 sq.ft.
Building C				
Chalkboards	NA	Classrooms	ASSUMED	29 each

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Wood Flooring	NA	Auditorium area assumed based on experienced with similar materials. Inaccessible for sampling	ASSUMED	3,000 sq. ft.
Heater Units	NA	Classrooms	ASSUMED	10 each
Roof Mastic	27, 28, 29	Roof Penetrations and Randomly in Between Clay Tiles at Edges of Roof	8% Chrysotile	200 sq. ft.
Black Sealing Compound	33, 34, 35	2nd Floor East and West Flat Roofs on Metal Flashing at Roof Perimeter	0.40-1% chrysotile by 1,000 point count analysis)	150 sq. ft.
9" Beige Floor Tile w/Black Mastic	C-19, C-20, C-21	Rooms 101, West Hallway under Blue Tile	3% chrysotile-tile 6% chrysotile-mastic	3,000 sq. ft.
12' Dark Green Floor Tile w/Black Mastic	C-61, C-62, C-63	Room 206A	2% chrysotile-tile 5% chrysotile-mastic	300 sq. ft.
Building D				
Drywall Joint Compound	1121-36, 1121-37, 1121-38, 1121-39, 1121-40,	Kitchen, 71E, 70, 71O, 72, Lounge, Throughout Building	<0.1% - 0.15% Chrysotile	3,800 sq. ft.
Drywall/Joint Compound Composite	1121-41	Kitchen, 71E, 70, 71O, 72, Lounge, Throughout Building	<0.1% Chrysotile	3,800 sq. ft.

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Beige Floor Tile with Mastic (under tile and carpet)	E-4, E-5, E-6	71E, 70, Lounge, Throughout Building (Under Blue Floor Tile & Carpet)	5% Chrysotile- Floor Tile 3% Chrysotile- Mastic	4,500 sq.ft.

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/cm² 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/cm² (*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 ²)
Building A						
36, 37	XRF	Wall	Northwest, southwest, all staff restrooms, SE boys and girls restrooms, nurses office restroom	Tan/Intact	Ceramic	> 9.9 mg/cm ²
PC-16 016	PC & XRF	Door	Exterior A (Alta 2016)	Pink/intact	Metal	5,700 ppm< 6.6 mg/cm ²
064	XRF	Door casing	A, west center exterior (Alta 2016)	White/intact	Wood	0.8 mg/cm ²

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm ²)
Building B						
024, 030, 034, 119, 141, 132, 143	XRF	All interior walls (painted various colors)	B (Alta 2016)	White/intact	Plaster	1.9, 2.0, 0.8, 3.1, 6.2 mg/cm ²
008, 012, 018, 035, 120, 133, 140, 144	XRF	Window Casing (painted various colors)	B (Alta 2016)	White-green-brown/intact	Wood	0.8, - >9.9 mg/cm ²
028, 138	XRF	Rail cap (stairs)	B stairways (Alta 2016)	White/intact	Wood	0.8, 2.9 mg/cm ²
PC-16 016	PC & XRF	Door	Exterior B (Alta 2016)	Pink/intact	Metal	5,700 ppm< 6.6 mg/cm ²
41, 41, 58, 60, 62, 64	N/A	Walls	All restrooms in the building	Various	Ceramic	>9.9
Building C						
38, 40, 66	XRF	Wall	All restrooms in the building	Tan/Intact	Ceramic	> 9.9 mg/cm ² , 8.8 mg/cm ² , 9.2 mg/cm ²
024, 030, 034, 119,	XRF	All interior walls (painted	C (Alta 2016)	White/intact	Plaster	1.9, 2.0, 0.8, 3.1,

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm ²)
141, 132, 143		various colors)				6.2 mg/cm ²
008, 012, 018, 035, 120, 133, 140, 144	XRF	Window Casing (painted various colors)	C (Alta 2016)	White-green-brown/intact	Wood	0.8, - >9.9 mg/cm ²
028, 138	XRF	Rail cap (stairs)	C stairways (Alta 2016)	White/intact	Wood	0.8, 2.9 mg/cm ²
PC-16 016	PC & XRF	Door	Exterior C and interior C basement (Alta 2016)	Pink/intact	Metal	5,700 ppm< 6.6 mg/cm ²
124	XRF	Truss	C interior metal structure (Alta 2016)	White/intact	Metal	0.8 mg/cm ²
135, 137	XRF	Stage and stage trim	C, Auditorium area (Alta 2016)	Green/intact	Wood	5.4, 6.9 mg/cm ²
Building D						
PC-16 016	PC & XRF	Door	Exterior D (Alta 2016)	Pink/intact	Metal	5,700 ppm< 6.6 mg/cm ²
41, 41, 58, 60, 62, 64	N/A	Walls	All restrooms in the building	Various	Ceramic	>9.9

Lead-containing paints according to 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.

Refer to Appendix G for a summary of lead-containing paints.

6 CONCLUSIONS AND RECOMMENDATIONS

Alta survey and sampling was limited to Buildings A, B, C, D in areas impacted by the Modernization project. No other areas or materials were included in our scope of work. The scope of work was limited to asbestos-containing material and lead in paint.

Alta 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.

Alta has incorporated and summarized the sampling information from previous survey records: Cape Environmental 1993, CTL Environmental 2007, and Alta Environmental 2016 in this report. The findings reported in this report are intended to be used in conjunction with the previous records.

6.1 Asbestos

Asbestos-containing materials 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.

6.2 Lead

6.2.1 Lead-based paint

Lead-based paints have been identified in the Site. Refer to Section 5 in this report for a summary of LBP.

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.

6.2.2 Lead-containing Paints

Lead-containing paints have been identified at the Site. Refer to Appendix G 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.

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.

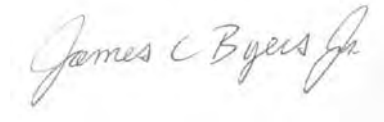
Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes. Nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals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



Jim Byers
Project Manager
Certified Asbestos Consultant #06-4122
CDPH Certified Inspector/Assessor #14805

Reviewed by:

Alta Environmental



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

Appendix A

Field Bulk Sample List: Asbestos

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building A

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" Green with White Streaks Floor Tile with Adhesive	A-1	None Detected	Previously Sampled by CTL Environmental, 2016	Dining Area (Seating Area), Teacher's Lounge, Storage Areas, Offices, Kitchen	3,650 sq. ft.	No	No
	A-2	None Detected	Previously Sampled by CTL Environmental, 2016				
	A-3	None Detected	Previously Sampled by CTL Environmental, 2016				
4" Black Cove Base with Adhesive	A-4	None Detected	Previously Sampled by CTL Environmental, 2016	Dining Area (Seating Area), Teacher's Lounge, Storage Areas, Offices, Kitchen	275 sq. ft.	No	No
	A-5	None Detected	Previously Sampled by CTL Environmental, 2016				
	A-6	None Detected	Previously Sampled by CTL Environmental, 2016				
2' x 2' Fissured Ceiling Panel	01	None Detected	Seating Area - SE	Dining Area (Seating Area)	2,500 sq. ft.	Yes	No
	02	None Detected	Seating Area - SW				
	03	None Detected	Seating Area - NE				
12" Acoustical Tile (Ceiling)	5851	None Detected	Previously Sampled by CTL Environmental, 2007	Seating Area, Dining Area above Suspended Ceiling, Teacher's Lounge	3,100 sq. ft.	Yes	No
	04	None Detected	Seating Area - SE				
	05	None Detected	Teacher's Lounge - NE				
12" Acoustical Tile Adhesive (Ceiling)	06	None Detected	Seating Area - SE	Seating Area, Teacher's Lounge, Kitchen. Offices, Storage Rooms Above Suspended Ceilings	3,900 sq. ft.	Yes	No
	07	None Detected	Storage Room - Center				
	08	None Detected	Kitchen - Center				

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building A

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Rough Plaster Ceiling	M0808, 5852-5855	None Detected	Previously Sampled by Cape Environmental, 1993; CTL Environmental, 2007	Throughout Above Suspended Ceilings Including Teacher's Lounge, Office, Mechanical Rooms, Janitor Room, East Mechanical Room	4,200 sq. ft.	No	No
Smooth Plaster Ceiling	M1105, 5856-5859	None Detected	Previously Sampled by Cape Environmental, 1993; CTL Environmental, 2007		1,200 sq. ft.	No	No
Grey Duct Compound	5860	None Detected	Previously Sampled by CTL Environmental, 2007	East Mechanical Room	5 sq. ft.	No	No
	09	None Detected	East Mechanical Room				
	10	None Detected	East Mechanical Room				
Smooth Plaster Walls	5865-5870	None Detected	Previously Sampled by CTL Environmental, 2007	Perimeter and Diving Walls	6,450 sq. ft.	No	No
Drywall	5875	None Detected	Previously Sampled by CTL Environmental, 2007	Storage 1, 2 and Hall	800 sq. ft.	No	No
	11	None Detected	Storage 1 - SW				
	12	None Detected	Storage 2 - NE				
Drywall Composite	13	None Detected	Storage 1 - SW	Storage 1, 2 and Hall	800 sq. ft.	No	No
	14	None Detected	Storage 2 - NE				
	15	None Detected	Hallway - NE				
Drywall Joint Compound	5876-5878	None Detected	Previously Sampled by CTL Environmental, 2007	Storage 1, 2 and Hall	800 sq. ft.	No	No
2' x 4' Drywall Ceiling Panel	5879	None Detected	Previously Sampled by CTL Environmental, 2007	Kitchen	1,000 sq. ft.	No	No
	16	None Detected	Kitchen - Center				
	17	None Detected	Kitchen - SE				

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building A

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" Acoustical Wall Tile	5880	None Detected	Previously Sampled by CTL Environmental, 2007	Seating Area, Teacher's Lounge	2,300 sq. ft.	Yes	No
	18	None Detected	Seating Area - West/Center				
	19	None Detected	Teacher's Lounge - SW				
12" Acoustical Wall Tile Adhesive	20	None Detected	Seating Area - West/Center	Seating Area, Teacher's Lounge	2,300 sq. ft.	Yes	No
	21	None Detected	Seating Area - NE				
	22	None Detected	Teacher's Lounge - SW				
2' x 4' Fissured Ceiling Panel	M0504	None Detected	Previously Sampled by Cape Environmental, 1993	Hall	200 sq. ft.	Yes	No
	23	None Detected	Hallway - SE				
	24	None Detected	Hallway - SW				
Stucco	M1305, 5861-5864	None Detected	Previously Sampled by Cape Environmental, 1993; CTL Environmental, 2007	Exterior Walls	5,000 sq. ft.	No	No
	25	None Detected	SW				
	26	None Detected	East/Center				
	27	None Detected	South/Center				
	28	None Detected	SE				
	29	None Detected	NW				
White Rolled-on Roof Core	30	None Detected	Upper Roof - NE	Roofs Upper and Lower	4,250 sq. ft.	No	No
	31	None Detected	Upper Roof - South/Center				
	32	None Detected	Lower Roof - Center				
Roof Mastic	33	None Detected	Upper Roof - NE	Roof Penetrations, Upper and Lower Roofs, Solar Panel Supports	100 sq. ft.	No	No
	34	None Detected	Upper Roof - Center				
	35	None Detected	Lower Roof - NW				

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building A

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White Roofing Material	36	None Detected	Upper Roof - NW	Roof Parapet Walls	250 sq. ft.	No	No
	37	None Detected	Upper Roof - NE				
	38	None Detected	Lower Roof - SW				
Flashing White Sealing Compound	39	None Detected	Upper Roof - NW	Roofs at Perimeter	50 sq. ft.	No	No
	40	None Detected	Upper Roof - SE				
	41	None Detected	Lower Roof - SE				
Samples collected by Alta Environmental 2016							
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				

MATERIAL INVENTORY ASBESTOS SAMPLES

Page 1 of 4

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School Bldg B Rooms 109-210

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
TSI Pipe Wrap	NA	Assumed	NA	Electrical Room, Basement	50 sq. ft.	Yes	No
2' x 4' Fissured Ceiling Panel	1121-01	None Detected	Room 108 Northwest	Rooms 108, 109, 107	3,000 sq. ft.	Yes	No
	1121-02	None Detected	Room 107 Southeast				
	1121-03	None Detected	Room 109 Southwest				
Rough Wall Plaster and Ceiling	1121-04	None Detected	Room 107 Northwest	Rooms 107, 108, 109, 109A, 110	6,000 sq. ft.	No	No
	1121-05	None Detected	Room 107 Southeast				
	1121-06	None Detected	Room 109A North Center				
	1121-07	None Detected	Room 109 Southwest				
	1121-08	None Detected	Room 110 Northwest				
	1121-09	None Detected	Room 110 Southeast				
	1121-10	None Detected	Room 108 North Center				
	1121-11	None Detected	Room 107 North Center				
Smooth Wall Plaster	1121-12	None Detected	Room 108 North Center	Rooms 107, 108, 109, 110	900 sq. ft.	No	No
	1121-13	None Detected	Room 109 North Center				
Drywall	1121-14	None Detected	Heater Closet Room 109 Northeast	Heater closets rooms 109, 108, 107, 110	900 sq. ft.	No	No
	1121-15	None Detected	Heater Closet Room 108 Northwest				
	1121-16	None Detected	Heater Closet Room 107 Northwest				
Drywall Mud	1121-17	None Detected	Heater Closet Room 109 Northeast		900 sq. ft.	No	No
	1121-18	None Detected	Heater Closet Room 108 Northwest				
	1121-19	None Detected	Heater Closet Room 107 Northwest				
Drywall Composite	1121-20	None Detected	Heater Closest Room 110 Northeast		900 sq. ft.	No	No

MATERIAL INVENTORY ASBESTOS SAMPLES

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CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School Bldg B Rooms 109-210

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Stucco	1121-21	None Detected	Exterior North Center	Exterior walls	1,000 sq. ft.	No	No
	1121-22	None Detected	Exterior West Center				
	1121-23	None Detected	Exterior East Center				
	1121-24	None Detected	Exterior Northwest Corner				
	1121-25	None Detected	Exterior Southwest Corner				
	1121-26	None Detected	Exterior South Center				
	1121-27	None Detected	Exterior Southeast Corner				
12" Straight Peghole Ceiling Tile and Mastic	1121-28	None Detected	Room 109 Center	Above drop down ceilings all rooms and hallways	5,000 sq. ft.	Yes	No
	1121-29	None Detected	Room 108 Center				
	1121-30	None Detected	Room 107 Center				
12" Fissured Ceiling Tile and Mastic	1121-31	None Detected	Room B 110 Center	Basement Room B110	300 sq. ft.	No	No
	1121-32	None Detected	Room B110 Northwest Corner				
	1121-33	None Detected	Room B110 Southwest Corner				
Samples collected by Alta Environmental 2016							
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				

MATERIAL INVENTORY ASBESTOS SAMPLES

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CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School Bldg B Rooms 109-210

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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				

MATERIAL INVENTORY ASBESTOS SAMPLES

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CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School Bldg B Rooms 109-210

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Chalkboards	NA	ASSUMED	NA	Classrooms	29 each	No	No
Wood Flooring	NA	ASSUMED	NA	Auditorium area assumed based on experienced with similar materials. Inaccessible for sampling	3,000 sq. ft	No	No
Heater Units	NA	ASSUMED	NA	Classrooms	10 each	No	No
Rough Plaster Wall	M1010, M0102, M1014, M0105	None Detected	Previously Sampled, Cape Environmental 1993	Rooms 96, 96A, B, C, D, E, F, 962, 93, 94, 91, 89, L 89A, 104B, 104A, 85, 84, 100, 100A, 100B, 101, 102, 103, 104, 105, 106, 200, 200A, 201, 202, 203, 203A, 203B, 204, 205, 206, 206A, including, stairwells, storage rooms, corridors.	40,000 sq. ft.	No	No
	7936	None Detected	Previously Sampled, CTL Environmental, 2007				
	7937	None Detected	Previously Sampled, CTL Environmental, 2007				
	7938	None Detected	Previously Sampled, CTL Environmental, 2007				
Rough Plaster Ceiling	M0801, M0809, M0802, M15-01, M0805	None Detected	Previously Sampled, Cape Environmental 1993		19,000 sq. ft.	No	No
	7939	None Detected	Previously Sampled, CTL Environmental, 2007				
	7940	None Detected	Previously Sampled, CTL Environmental, 2007				

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CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Smooth Plaster Wall	M0301, M0303, M1103	None Detected	Previously Sampled, Cape Environmental 1993	All Boys and Girls Restrooms, All Staff Restrooms	3,650 sq. ft.	No	No
	7941	None Detected	Previously Sampled, CTL Environmental, 2007				
	7942	None Detected	Previously Sampled, CTL Environmental, 2007				
	7943	None Detected	Previously Sampled, CTL Environmental, 2007				
Smooth Plaster Ceiling	M1101, M1102, M1103	None Detected	Previously Sampled, Cape Environmental 1993	All Boys and Girls Restrooms, All Staff Restrooms	1,900 sq. ft.	No	No
	7944	None Detected	Previously Sampled, CTL Environmental, 2007				
	7945	None Detected	Previously Sampled, CTL Environmental, 2007				
1' X 1' Acoustical Tile and Mastic	M0601	None Detected	Previously Sampled, Cape Environmental 1993	96Z, 101, 91, Stairwell 104B, Corridor 104A, 204, 201, 89, 89A	6,950 sq. ft.	Yes	No
	M0602	None Detected	Previously Sampled, Cape Environmental 1993				
	01	None Detected	Room 91 SE				

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2' X 4' Rough Fissured Ceiling Panel	M0401	None Detected	Previously Sampled, Cape Environmental 1993	Room 200, North Sections in Rooms 203, 205, and 206	1,950 sq. ft.	Yes	No
	M0402	None Detected	Previously Sampled, Cape Environmental 1993				
	02	None Detected	Room 206 NE				
2' x 4' Smooth Fissured Ceiling Tile	M05-01 M05-02	None Detected	Previously Sampled, Cape Environmental 1993	89, 85 (Lounge), 84, Work Room, 102, 103, 104, 105, 106, 202, 203, 205, 206	9,500 sq. ft.	Yes	No
	7956	None Detected	Previously Sampled, CTL Environmental, 2007				
Drywall Joint Compound	7946	None Detected	Previously Sampled, CTL Environmental, 2007	NE Restrooms (Boys and Girls), Principal, and Assistant Principal Offices, Main Office, Nurses Office and realted Rooms including Restrooms, Room 84	6,500 sq. ft.	No	No
	03	None Detected	NW Boy's Restrooms - SW				
	04	None Detected	Main Office (82) - NW				
Drywall Composite	05	None Detected	NW Boy's Restrooms - SW	NE Restrooms (Boys and Girls), Principal, and Assistant Principal Offices, Main Office, Nurses Office and realted Rooms including Restrooms, Room 84	6,500 sq. ft.	No	No
	06	None Detected	Main Office (82) - NW				
	07	None Detected	Room 84 - NE				
Drywall Joint Compound	7947, 7948, 7949, 7950, 7951	None Detected	Previously Sampled, CTL Environmental, 2007	NE Restrooms (Boys and Girls), Principal, and Assistant Principal Offices, Main Office, Nurses Office and realted Rooms including Restrooms, Room 84	6,500 sq. ft.	No	No
	08	None Detected	NW Boy's Restrooms - SW				
	09	None Detected	Room 84 - NE				

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2' x 2' Fissured Ceiling Panel	7955	None Detected	Previously Sampled, CTL Environmental, 2007	Auditorium (96), Room 95	2,950 sq. ft.	Yes	No
	10	None Detected	Auditorium - SW				
	11	None Detected	Room 95 - NE				
Drywall	7977	None Detected	Previously Sampled, CTL Environmental, 2007	Computer Room, Heater Room, Room 200	1,200 sq. ft.	No	No
	12	None Detected	Computer Room (95) - South/center				
	13	None Detected	Room 200 - SW				
Drywall Composite	14	None Detected	Computer Room - NW	Computer Room, Heater Room, Room 200	1,200 sq. ft.	No	No
	15	None Detected	Heater Room - NE				
	16	None Detected	Room 200 - SW				
Drywall Joint Compound	7977, 7978, 7980	None Detected	Previously Sampled, CTL Environmental, 2007	Computer Room, Heater Room, Room 200	1,200 sq. ft.	No	No
	16A	None Detected	Room 200 - SW				
	17	None Detected	Computer Room - NW				
2' x 2' Ceiling Panel	18	None Detected	Main Office - Center	Main Office 82	985 sq. ft.	Yes	No
	19	None Detected	Main Office - SE				
	20	None Detected	Main office - SW				
2' X 4' Ceiling Panel	21	None Detected	Principal Office - West/center	Principal and Assitant Principal Offices (82A)	400 sq. ft.	Yes	No
	22	None Detected	Principal Office - NE				
	23	None Detected	Assistant Principal - SW				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Roof Clay Tile Barrier Paper	24	None Detected	NE at Stairwell	Roof under Red Clay Tiles	14,000 sq. ft.	No	No
	25	None Detected	NW - North of 206				
	26	None Detected	2nd Floor East of 200A				
Roof Mastic	27	None Detected	2nd Floor NE - North of 200A	Roof Penetrations and Randomly in Between Clay Tiles at Edges of Roof	200 sq. ft.	No	No
	28	8% Chrysotile	NW North of 206 (at Clay Tile)				
	29	8% Chrysotile	2nd Floor East of 200A				
White Rolled Roof Core	30	None Detected	West Roof - SW	2nd Floor East and West Flat Roofs	1,050 sq. ft.	No	No
	31	None Detected	West Roof - NE				
	32	None Detected	East Roof - SE				
Black Sealing Compound	33	0.48% Chrysotile	West Roof - NE	2nd Floor East and West Flat Roofs on Metal Flashing at Roof Perimeter	150 sq. ft.	No	No
	34	1.00% Chrysotile	West Roof - SW				
	35	0.83% Chrysotile	East Roof - SW				
Beige Sealing Compound	36	None Detected	West Roof - SE	2nd Floor East and West Flat Roofs on HVAC Ducts	40 sq. ft.	No	No
	37	None Detected	West Roof - Center				
	38	None Detected	East Roof - SW				
Hot Brick	7981	None Detected	Previously Sampled, CTL Environmental, 2007	Furnace Room	40 sq. ft.	No	Yes
	39	None Detected	Furnace Room SE				
	40	None Detected	Furnace Room SE				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Furnace Debris	7982	None Detected	Previously Sampled, CTL Environmental, 2007	Furnace Room	10 sq. ft.	No	No
	41	None Detected	Furnace Room SE				
	42	None Detected	Furnace Room SE				
Stucco	43	None Detected	NE	Exterior Walls	19,500 sq. ft.	No	No
	44	None Detected	North/center				
	45	None Detected	North/center to Auditorium				
	46	None Detected	SW to 106				
	47	None Detected	SE corner				
	48	None Detected	SW to 101				
	49	None Detected	NE of (95A)				
12" Dark Blue Floor Tile with Adhesive	C-1	None Detected	Previously Sampled, Alta Environmental, 2016	100, IT	900 sq. ft	No	No
	C-2	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-3	None Detected	Previously Sampled, Alta Environmental, 2016				
Adhesive for Dark Carpet	C-4	None Detected	Previously Sampled, Alta Environmental, 2016	100, 101, 102, 103, 104, 88, 105, Library Hallway, 85, Library	13,000 sq. ft	No	No
	C-5	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-6	None Detected	Previously Sampled, Alta Environmental, 2016				
4" Black Cove Base with Adhesive	C-7	None Detected	Previously Sampled, Alta Environmental, 2016	Room 100 schak	800 sq. ft	No	No
	C-8	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-9	None Detected	Previously Sampled, Alta Environmental, 2016				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" Light Blue Floor Tile with Adhesive	C-10	None Detected	Previously Sampled, Alta Environmental, 2016	100, Hallways, 102, 101, 103, 88, 105, 202AB, 205,206,203,202	15,000 sq. ft	No	No
	C-11	None Detected-tile <0.1% chrysotile-mastic (by 1,000 point count analysis)	Previously Sampled, Alta Environmental, 2016				
	C-12	None Detected	Previously Sampled, Alta Environmental, 2016				
4" Blue Cove Base with Adhesive	C-13	None Detected	Previously Sampled, Alta Environmental, 2016	Hallways, 101, 102, 103, 88,65, Library Hallway, 85, Library	700 linear ft	No	No
	C-14	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-15	None Detected	Previously Sampled, Alta Environmental, 2016				
12" Purple Speckled Floor Tile with Adhesive	C-16	None Detected	Previously Sampled, Alta Environmental, 2016	Hallway Between 100/101	90 sq. ft	No	No
	C-17	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-18	None Detected	Previously Sampled, Alta Environmental, 2016				

MATERIAL INVENTORY ASBESTOS SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
9" Beige Floor Tile with Black Mastic	C-19	3% chrysotile-tile 6% chrysotile-mastic	Previously Sampled, Alta Environmental, 2016	Rooms 101, West Hallway under Blue Tile	3,000 sq. ft	No	No
	C-20	3% chrysotile-tile 6% chrysotile-mastic	Previously Sampled, Alta Environmental, 2016				
	C-21	3% chrysotile-tile 3% chrysotile-mastic	Previously Sampled, Alta Environmental, 2016				
Brown Flooring with Black Felt Paper	C-22	None Detected	Previously Sampled, Alta Environmental, 2016	Room 102, 103, Library, 105, 106, 206, 205	5,400 sq. ft	No	No
	C-23	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-24	None Detected	Previously Sampled, Alta Environmental, 2016				
Residual Black Mastic on Concrete	C-25	None Detected	Previously Sampled, Alta Environmental, 2016	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,	6,500 sq. ft	No	No
	C-26	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-27	None Detected	Previously Sampled, Alta Environmental, 2016				
10" Dark Blue Floor Tile	C-28	None Detected	Previously Sampled, Alta Environmental, 2016	East Hallway	100 sq. ft	No	No
	C-29	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-30	None Detected	Previously Sampled, Alta Environmental, 2016				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4" Beige Cove Base with Adhesive	C-31	None Detected	Previously Sampled, Alta Environmental, 2016	Principals Office, Assistant Principals Office, Main Lobby, 83A, 33, Nurse Office 83	500 linear ft	No	No
	C-32	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-33	None Detected	Previously Sampled, Alta Environmental, 2016				
Dark Gray Vinyl Flooring	C-34	None Detected	Previously Sampled, Alta Environmental, 2016	83A, Lobby, Nurse Office, 83B	600 sq. ft	No	No
	C-35	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-36	None Detected	Previously Sampled, Alta Environmental, 2016				
Beige Vinyl Flooring	C-37	None Detected	Previously Sampled, Alta Environmental, 2016	Lobby	300 sq. ft	No	No
	C-38	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-39	None Detected	Previously Sampled, Alta Environmental, 2016				
Leveling Compound from Dark Brown Carpet	C-40	None Detected	Previously Sampled, Alta Environmental, 2016	Principals Office, Assistant Principal, Lobby	1,500 sq. ft	No	No
	C-41	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-42	None Detected	Previously Sampled, Alta Environmental, 2016				

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Building C

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	Previously Sampled, Alta Environmental, 2016	Teachers Room	300 sq. ft	No	No
	C-44	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-45	None Detected	Previously Sampled, Alta Environmental, 2016				
Blue Floor Tile under 12" Light Blue Floor Tile	C-55	None Detected	Previously Sampled, Alta Environmental, 2016	Teachers Lounge under Floor Tile	300 sq. ft	No	No
	C-56	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-57	None Detected	Previously Sampled, Alta Environmental, 2016				
12" Black Tile with Yellow Glue Two Layer	C-58	None Detected	Previously Sampled, Alta Environmental, 2016	105, 106 Under Carpet Felt	1,800 sq. ft	No	No
	C-59	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-60	None Detected	Previously Sampled, Alta Environmental, 2016				
12" Dark Green Floor Tile with Black Mastic	C-61	2% chrysotile-tile 5% chrysotile-mastic	Previously Sampled, Alta Environmental, 2016	206A	300 sq. ft	No	No
	C-62	2% chrysotile-tile 3% chrysotile-mastic	Previously Sampled, Alta Environmental, 2016				
	C-63	2% chrysotile-tile 3% chrysotile-mastic	Previously Sampled, Alta Environmental, 2016				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Black Felt Paper on Brown Flooring	C-64	None Detected	Previously Sampled, Alta Environmental, 2016	205, 206, 203, 202	5,400 sq. ft	No	No
	C-65	None Detected	Previously Sampled, Alta Environmental, 2016				
	C-66	None Detected	Previously Sampled, Alta Environmental, 2016				
Samples collected by Alta Environmental 2016							
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				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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				

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Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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				

MATERIAL INVENTORY ASBESTOS SAMPLES

Page 14 of 16

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

Page 15 of 16

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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				

MATERIAL INVENTORY ASBESTOS SAMPLES

Page 16 of 16

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School

Building C

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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				
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

Page 1 of 2

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School Bldg D (Kindergarten)

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Dashcoat on Concrete	1121-28	None Detected	Exterior - North/center	Exterior	1,050 sq. ft.	No	No
	1121-29	None Detected	Exterior - South/center				
	1121-30	None Detected	Exterior - NW corner				
	1121-31	None Detected	Exterior - NE corner				
	1121-32	None Detected	Exterior - SW corner				
Drywall	1121-33	None Detected	71E - NW corner	Kitchen, 71E, 70, 71O, 72, Lounge, Throughout Building	3,800 sq. ft.	No	No
	1121-34	None Detected	70 - SE corner				
	1121-35	None Detected	Kitchen - North/center				
Drywall Mud	1121-36	0.11% Chrysotile	71E - NW corner				
	1121-37	0.15% Chrysotile	Lounge - South/center				
	1121-38	<0.1% Chrysotile	Kitchen - NW				
	1121-39	0.11% Chrysotile	70 - SW corner				
	1121-40	0.15% Chrysotile	71O - South/center				
Drywall Composite	1121-41	<0.1% Chrysotile	71E - South/center				
2' x 4' Fissured Ceiling Panel	1121-42	None Detected	Kitchen - center	Kitchen, 71E, 70, 71O, 72, Lounge, Throughout Building	4,000 sq. ft.	Yes	Yes
	1121-43	None Detected	Lounge - center				
	1121-44	None Detected	71O - center				
Samples collected by Alta Environmental 2016							
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				

MATERIAL INVENTORY ASBESTOS SAMPLES

Page 2 of 2

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley Elementary School Bldg D (Kindergarten)

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Appendix B

Laboratory Analytical Report: Asbestos



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

Report Number 1829839

Date Received 01/04/2018

Date Analyzed 01/05/2018

Date Reported 01/05/2018

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.

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg C Admin-Classroom

PO Number

WO Number PLM Reference # 1729644

Date Sampled 12/01/2017

Sampled By Victor Sanchez

Total Samples 3

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1829839-001 33	Sealing Compound, White/Beige/Black, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	5.75% 85.23% 8.54%	Chrysotile	0.48%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.5%	Total %Asbestos:	0.48%
1829839-002 34	Sealing Compound, White/Beige/Black, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	4.25% 82.76% 11.99%	Chrysotile	1.0%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.0%	Total %Asbestos:	1.00%
1829839-003 35	Sealing Compound, White/Beige/Black, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	6.43% 76.98% 15.76%	Chrysotile	0.83%
1000 pt. POINT COUNT						
Asbestos Present Yes		Total % Non-Asbestos:		99.2%	Total %Asbestos:	0.83%

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 E. Tabatt

Analyst - Cristina Tabatt

Cristina E. Tabatt

Approved Signatory Cristina E. Tabatt

NVLAP[®]
Lab Code 500044-0



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Alta Environmental
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Attn.: Cesar Ruvalcaba

Report Number 1729741

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

Date Received 12/19/2017

Date Analyzed 01/02/2018

Date Reported 01/03/2018

Date Sampled 12/14/2017

Sampled By J.R.

Total Samples 6

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 (%)
1729741-001 1121-36	71E N/W Corner Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 76.73% Organic/Volatile Material 8.98% Non-Asbestos Residue 14.18%	Chrysotile 0.11%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.9%		Total %Asbestos: 0.11%
1729741-002 1121-37	Lounge S/Ctr Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 77.54% Organic/Volatile Material 7.54% Non-Asbestos Residue 14.77%	Chrysotile 0.15%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.9%		Total %Asbestos: 0.15%
1729741-003 1121-38	Kitchen N/W Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 70.40% Organic/Volatile Material 10.28% Non-Asbestos Residue 19.32%	Chrysotile <0.1%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <0.1%
1729741-004 1121-39	70 S/W Corner Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 76.98% Organic/Volatile Material 7.72% Non-Asbestos Residue 15.19%	Chrysotile 0.11%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.9%		Total %Asbestos: 0.11%
1729741-005 1121-40	71D S Ctr Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Acid Soluble Material 70.29% Organic/Volatile Material 11.39% Non-Asbestos Residue 18.17%	Chrysotile 0.15%
1000 pt. POINT COUNT				
Asbestos Present Yes		Total % Non-Asbestos: 99.9%		Total %Asbestos: 0.15%



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Report Number 1729741

Date Received 12/19/2017

Date Analyzed 01/02/2018

Date Reported 01/03/2018

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.

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

Date Sampled 12/14/2017

Sampled By J.R.

Total Samples 6

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729741-006 1121-41	71E S Ctr Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	76.58% 8.53% 14.89%	Chrysotile	<0.1%

1000 pt. POINT COUNT

Asbestos Present Yes

Total % Non-Asbestos:

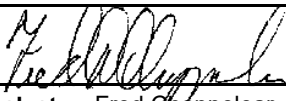
100.0%

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.


Analyst - Fred Chappellear


Approved Signatory Cristina E. Tabatt


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Report Number 1729643

Project Number SMSD-17-7280
Project Name McKinley E.S.
Location Bldg A Cafeteria
PO Number
WO Number

Date Received 12/04/2017
Date Analyzed 12/08/2017
Date Reported 12/11/2017

Date Sampled 11/30/2017
Sampled By Victor Sanchez
Total Samples 47

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	(%)
1729643-001 01	2x2 Fissured Ceiling Panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	30% 20% 40% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-002 02	2x2 Fissured Ceiling Panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite	35% 25% 40%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-003 03	2x2 Fissured Ceiling Panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	30% 20% 40% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-004 04	12" Acoustical Tile (Ceiling), Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-005 05	12" Acoustical Tile (Ceiling), White/Brown, Homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-006 06	12" Acoustical Tile (Ceiling) Adhesive, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Report Number 1729643

Project Number SMSD-17-7280
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Date Sampled 11/30/2017
Sampled By Victor Sanchez
Total Samples 47

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 (%)
1729643-007 07	12" Acoustical Tile (Ceiling) Adhesive, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-008 08	12" Acoustical Tile (Ceiling) Adhesive, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-009 09	Duct Compound, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler 1% 99%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-010 10	Duct Compound, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler 1% 99%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-011 11	Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler 20% <1 80%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-012 12	Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler 20% <1 80%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Report Number 1729643

Project Number SMSD-17-7280
Project Name McKinley E.S.
Location Bldg A Cafeteria
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Date Received 12/04/2017
Date Analyzed 12/08/2017
Date Reported 12/11/2017

Date Sampled 11/30/2017
Sampled By Victor Sanchez
Total Samples 47

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 (%)
1729643-013 13	Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 20% Fibrous Glass 2% Calcium Carbonate 13% Mica 2% Gypsum/Filler 63%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-014 14	Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 25% Fibrous Glass <1 Calcium Carbonate 8% Mica 2% Gypsum/Filler 65%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-015 15	Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 25% Fibrous Glass <1 Calcium Carbonate 8% Mica 2% Gypsum/Filler 65%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-016 16	2x4 Drywall Ceiling Panel, Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 30% Mineral Wool 20% Perlite 40% Binder/Filler 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-017 17	2x4 Drywall Ceiling Panel, Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 30% Mineral Wool 20% Perlite 40% Binder/Filler 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Report Number 1729643

Date Received 12/04/2017

Date Analyzed 12/08/2017

Date Reported 12/11/2017

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.

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg A Cafeteria

PO Number

WO Number

Date Sampled 11/30/2017

Sampled By Victor Sanchez

Total Samples 47

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1729643-018 18	12" Acoustical Wall Tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler 85% 15%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-019 19	12" Acoustical Wall Tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler 95% 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-020 20	12" Acoustical Wall Tile Adhesive, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-021 21	12" Acoustical Wall Tile Adhesive, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-022 22	12" Acoustical Wall Tile Adhesive, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-023 23	2x4 Fissured Ceiling Panel, Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler 40% 55% 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Report Number 1729643

Date Received 12/04/2017

Date Analyzed 12/08/2017

Date Reported 12/11/2017

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.

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg A Cafeteria

PO Number

WO Number

Date Sampled 11/30/2017

Sampled By Victor Sanchez

Total Samples 47

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729643-024 24	2x4 Fissured Ceiling Panel, Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	40% 55% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-025 25	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-026 26	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-027 27	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-028 28	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Attn.: Cesar Ruvalcaba

Report Number 1729643

Project Number SMSD-17-7280
Project Name McKinley E.S.
Location Bldg A Cafeteria
PO Number
WO Number

Date Received 12/04/2017
Date Analyzed 12/08/2017
Date Reported 12/11/2017

Date Sampled 11/30/2017
Sampled By Victor Sanchez
Total Samples 47

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	(%)
1729643-029 29	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-030 30A	Roof Core Rolled-on - Layered Felt/Tar, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 75% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-031 30B	Roof Core Rolled-on - Roofing Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-032 31A	Roof Core Rolled-on - Layered Felt/Tar, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 75% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-033 31B	Roof Core Rolled-on - Roofing Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729643-034 32A	Roof Core Rolled-on - Layered Felt/Tar, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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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 (%)
1729643-035 32B	Roof Core Rolled-on - Roofing Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler 95% 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-036 33	Roof Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler 15% 85%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-037 34	Roof Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler 15% 85%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-038 35	Roof Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler 15% 85%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-039 36A	Roofing Material - Membrane, Black/White, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler 15% 85%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-040 36B	Roofing Material - Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Sampled By Victor Sanchez
Total Samples 47

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 (%)
1729643-041 37A	Roofing Material - Membrane, Black, Homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler 15% 85%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-042 37B	Roofing Material - Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-043 38A	Roofing Material - Membrane, Black, Homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler 15% 85%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-044 38B	Roofing Material - Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-045 39	Sealing Compound, White/Black, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729643-046 40	Sealing Compound, White/Black, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg A Cafeteria

PO Number

WO Number

Date Sampled 11/30/2017

Sampled By Victor Sanchez

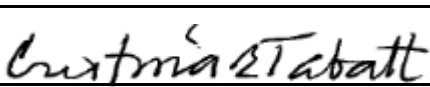
Total Samples 47

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1729643-047 41	Sealing Compound, White/Black, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material 100%	None Detected
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 - Fred Chappellear


Approved Signatory Cristina E. Tabatt


Lab Code 500044-0



CHAIN OF CUSTODY

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(Lab) Order No.

1729643

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day ☐	Fedex ☐	Web ☐
Address	3777 Long Beach Blvd. Long Beach CA 90807	1 Day ☐	UPS ☐	Email ☒
Contact	Cesar Ruvalcaba	2 Day ☐	USPS ☐	Fax ☐
Office Phone	562 495-5777	3 Day ☐	Drop Off ☒	Verbal ☐
Cell	310 951-9485	5 Day ☒	Drop Box ☐	Mail ☐
Fax	562 495-5877	Weekend ☐	Other ☐	Pick up ☐
Email	cesarruvalcaba@altaenviro.com	Special Instructions:		

PROJECT INFORMATION	
Project Name:	Mckinley E.S.
Project Number:	SHSD-17-7280
Location:	Bldg A. Cafeteria
PO Number:	
Work Order No.:	
Sampled By:	Victor Sanchez

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/R-93/116 ☒	NIOSH 7400A ☐	Spore Trap ☐	Air ☐ TTLC ☐
PLM 400 Pt. Count (<0.25%) ☐	NIOSH 7400B ☐	Tape Lift ☐	Paint ☐ STLC ☐
PLM 1000 Pt. Count (<0.1%) ☐	w/ TWA ☐	Bulk Sample ☐	Wipe ☐ TCLP ☐
			Soil ☐

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
01	2x2 plywood ceiling panel		11/30/17			
02						
03						
04	12" wood panel tile (ceiling)					
05						
06	12" wood panel tile (ceiling) adhesive					
07						
08						
09	guy duct compound					
10						

Relinquished By:	Received By:
Date/Time: 12/3/2012 2000	Date/Time: 12/4/17 08:00

CHAIN OF CUSTODY

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Company: Alta Env.
Project Number: SMSP-12-7220
Project Name: McKinley E.S.

(Lab) Order No. 1729643

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
11	Drywall					
12	I					
13	drywall composite					
14	I					
15	I					
16	2x4 drywall ceiling panel					
17	I					
18	12" acoustical wall tile					
19	I					
20	12" acoustical wall tile & texture					
21	I					
22	I					
23	2x4 textured ceiling panel					
24	I					
25	STULL					
26	I					
27	I					
28	I					
29	I					

Relinquished By: [Signature]
Date/Time: 12/3/12 2000

Received By: [Signature]
Date/Time: 12/4/12 08:00

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Project Name: McKinley E. S.

(Lab) Order No. 1729643

[illegible]

Date/Time: 12/4/17 08:00

Lab Forms
Ver. 082411



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Report Number 1729644

Date Received 12/04/2017

Date Analyzed 12/12/2017

Date Reported 12/12/2017

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg C Admin-Classroom

PO Number

WO Number

Date Sampled 12/01/2017

Sampled By Victor Sanchez

Total Samples 57

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	(%)
1729644-001 01A	1x1 Acoustical Tile, White/Lt. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-002 01B	Mastic, Dk. Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-003 02	2x4 Rough Fissured Ceiling Panel, White/Lt. Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	80% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-004 03	Drywall, White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-005 04	Drywall, White, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	<1% <1 100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-006 05	Drywall Composite, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	<1% <1 5% 20% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Location Bldg C Admin-Classroom
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Total Samples 57

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	(%)
1729644-007 06	Drywall Composite, Lt. Blue/White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	<1% <1% <1% 25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-008 07	Drywall Composite, White, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Filler	2% <1 5% 25% 68%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-009 08	Drywall Joint Compound, White, Non-homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	25% 60% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-010 09	Drywall Joint Compound, White, Non-homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	25% 60% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-011 10	2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 20% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 57

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	(%)
1729644-012						
11	2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 20% 35% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-013						
12	Drywall, White/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-014						
13	Drywall, White/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	15% <1 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-015						
14	Drywall Composite, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	20% <1 5% 20% 55%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-016						
15	Drywall Composite, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	10% <1 <1% 10% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729644-017 16	Drywall Composite, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	10% <1% <1% 10% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-018 16A	Drywall Joint Compound, White, Homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-019 17	Drywall Joint Compound, White, Homogeneous	LAYER 1 100%	Perlite Calcium Carbonate Binder/Filler	20% 50% 30%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-020 18	2x2 Ceiling Panel, White/Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-021 19	2x2 Ceiling Panel, White/Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729644-022 20	2x2 Ceiling Panel, White/Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-023 21	2x4 Ceiling Panel, White/Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-024 22	2x4 Ceiling Panel, White/Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-025 23	2x4 Ceiling Panel, White/Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-026 24	Roof Clay Tile Barrier Paper, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	10% 5% 35% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-027 25	Roof Clay Tile Barrier Paper (3 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	30% 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729644-028 26	Roof Clay Tile Barrier Paper- Multilayer, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 15% 10% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-029 27	Roof Mastic, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-030 28	Roof Mastic, Gray, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	92%	Chrysotile	8%
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos:	8.0%
1729644-031 29	Roof Mastic, Gray, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	92%	Chrysotile	8%
Asbestos Present Yes		Total % Non-Asbestos:		92.0%	Total %Asbestos:	8.0%
1729644-032 30A	Rolled On Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Bituminous Matrix/Filler Binder/Filler	10% <1 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-033 30B	Rolled On Roof Core- Layered Felt, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	20% 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Long Beach CA 90807
Attn.: Cesar Ruvalcaba

Report Number 1729644

Date Received 12/04/2017

Date Analyzed 12/12/2017

Date Reported 12/12/2017

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg C Admin-Classroom

PO Number

WO Number

Date Sampled 12/01/2017

Sampled By Victor Sanchez

Total Samples 57

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	(%)
1729644-034 30C	Rolled On Roof Core- Paper, Pink, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-035 31A	Rolled On Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Bituminous Matrix/Filler Binder/Filler	10% <1 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-036 31B	Rolled On Roof Core- Layered Felt, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-037 31C	Rolled On Roof Core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-038 32A	Rolled On Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Bituminous Matrix/Filler Binder/Filler	10% <1 80% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-039 32B	Rolled On Roof Core- Layered Felt, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Report Number 1729644

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg C Admin-Classroom

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Total Samples 57

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	(%)
1729644-040 32C	Rolled On Roof Core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-041 33	Sealing Compound, White/Beige/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler Other Non-Fibrous Material	<1% 80% 5% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1729644-042 34	Sealing Compound, White/Beige/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler Other Non-Fibrous Material	<1% 80% 5% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1729644-043 35	Sealing Compound, White/Beige/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler Other Non-Fibrous Material	<1% 65% 10% 25%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1729644-044 36	Sealing Compound, Beige, Homogeneous	LAYER 1 100%	Vermiculite Organic Binders/Filler	35% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-045 37	Sealing Compound, Beige, Homogeneous	LAYER 1 100%	Vermiculite Organic Binders/Filler	35% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Location Bldg C Admin-Classroom

PO Number

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Date Sampled 12/01/2017

Sampled By Victor Sanchez

Total Samples 57

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	(%)
1729644-046 38	Sealing Compound, Beige, Homogeneous	LAYER 1 100%	Vermiculite Organic Binders/Filler	35% 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-047 39	Hot Brick, Off White, Homogeneous	LAYER 1 100%	Quartz Other Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-048 40	Hot Brick, Off White, Homogeneous	LAYER 1 100%	Quartz Other Non-Fibrous Material	25% 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-049 41	Furnace Debris, Black/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Synthetic Fiber Wood Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-050 42	Furnace Debris, Black/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Synthetic Fiber Wood Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present Present	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Sampled By Victor Sanchez

Total Samples 57

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	(%)
1729644-051 43	Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 45% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-052 44	Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Quartz Calcium Carbonate Binder/Filler	<1% 30% 45% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-053 45	Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 45% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-054 46	Stucco, Beige/Orange/Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-055 47	Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Quartz Calcium Carbonate Binder/Filler	<1% 45% 30% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Report Number 1729644

Date Received 12/04/2017

Date Analyzed 12/12/2017

Date Reported 12/12/2017

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Bldg C Admin-Classroom

PO Number

WO Number

Date Sampled 12/01/2017

Sampled By Victor Sanchez

Total Samples 57

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	(%)
1729644-056						
48	Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Fibrous Glass Quartz Calcium Carbonate Binder/Filler	<1% 45% 30% 25%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729644-057						
49	Stucco, Beige/Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 45% 20%	None Detected	
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

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(Lab) Order No.

1729644

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day ☐	Fedex ☐	Web ☐
Address	3777 Long Beach Blvd.	1 Day ☐	UPS ☐	Email ☒
	Long Beach CA 90807	2 Day ☐	USPS ☐	Fax ☐
Contact	Cesar Ruvalcaba	3 Day ☐	Drop Off ☒	Verbal ☐
Office Phone	562 495-5777	5 Day ☒	Drop Box ☐	Mail ☐
Cell	310 951-9485	Weekend ☐	Other ☐	Pick up ☐
Fax	562 495-5877	Special Instructions:		
Email	cesarruvalcaba@altaenviron.com			

PROJECT INFORMATION	
Project Name:	McKenley E.S.
Project Number:	SMOD-177280
Location:	Bldg L admin-classroom
PO Number:	
Work Order No.:	
Sampled By:	Victor Sanchez

PLM		PCM	MOLD	LEAD (Pb)	
PLM EPA 600/R-93/116	☒	NIOSH 7400A	☐	Air	☐
PLM 400 Pt. Count (<0.25%)	☐	NIOSH 7400B	☐	Paint	☐
PLM 1000 Pt. Count (<0.1%)	☐	w/ TWA	☐	Wipe	☐
				Soil	☐
				TTLIC	☐
				STLC	☐
				TCLP	☐

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
01	1x1 acoustical tile and acoustic		12/1/17			
02	2x4 rough fissured ceiling panel					
03	Drywall					
04						
05	Drywall composite					
06						
07						
08	Drywall joint compound					
09						
10	2x2 fissured ceiling panel					

Relinquished By:	Received By: <i>Ommednow</i>
Date/Time: 12/03/2012 2000	Date/Time: 12/4/17 08:00

CHAIN OF CUSTODY

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services@AQenvlabs.com



Company: Alta Env.

Project Number: SMAD-17-7280

Project Name: Helmley ES

(Lab) Order No. 1729644

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
11	2x2 pressed ceiling panel.		12/1/17			
12	drywall					
13						
14	drywall compound					
15						
16						
16A	drywall joint compound.					
17						
18	2x2 ceiling panel					
19						
20						
21	2x4 ceiling panel					
22						
23						
24	roof clay like barrier paper					
25						
26						
27	roof mastic					
28						
29						

Relinquished By: [Signature]

Received By: [Signature]

Date/Time: 12/3/2017 2000

Date/Time: 12/4/17 08:00

CHAIN OF CUSTODY

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Company: HL Env.
Project Number: SM3D-17-7280
Project Name: McKinley E.S

(Lab) Order No. 1729644

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
30	white rolled on roof cone		12/4/17			
31						
32						
33	black sealing compound					
34						
35						
36	large sealing compound					
37						
38						
39	hot brick					
40						
41	furnace debris					
42						
43	stucco					
44						
45						
46						
47						
48						
49						

Relinquished By: [Signature]
Date/Time: 12/3/2017 2000

Received By: [Signature]
Date/Time: 12/4/17 08:00



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Alta Environmental
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Attn.: Cesar Ruvalcaba

Report Number 1729718

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

Date Received 12/14/2017

Date Analyzed 12/18/2017

Date Reported 12/18/2017

Date Sampled 11/21/2017

Sampled By Jorge Robles

Total Samples 39

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	(%)
1729718-001 1121-01	Room 108 N/W 2'x4' Fissured C.P., Silver/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Metallic Foil Binder/Filler	77% 3% 5% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-002 1121-02	Room 107 S/E 2'x4' Fissured C.P., Silver/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Metallic Foil Binder/Filler	77% 3% 5% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-003 1121-03	Room 109 S/W 2'x4' Fissured C.P., White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 5% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-004 1121-04	Room 107 N/W Rough Wall and Ceiling Plaster, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Perlite Quartz Gypsum/Filler	5% 35% 10% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-005 1121-05	Room 107 S/E Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729718-006 1121-06	Room 109A N Ctr Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Quartz Gypsum Calcium Carbonate Other Non-Fibrous Material	<1% 40% 35% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729718-007 1121-07	Room 109 S/W Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729718-008 1121-08	Room 110 N/W Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	<1% 35% 40% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729718-009 1121-09	Room 110 S/E Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	<1% 35% 40% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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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 (%)
1729718-010 1121-10	Room 108 N Ctr Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	<1% 35% 40% 10% 15%
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-011 1121-11	Room 107 N Ctr Smooth Wall Plaster, White/Green/Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-012 1121-12	Room 108 N Ctr Smooth Wall Plaster, White/Green/Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-013 1121-13	Room 109 N Ctr Smooth Wall Plaster, White/Green/Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-014 1121-14	Heater Closet Room 109 N/E Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	25% <1% 75%
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729718-015 1121-15	Heater Closet Room 108 N/W Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	25% <1 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-016 1121-16	Heater Closet Room 107 N/W Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-017 1121-17	Heater Closet Room 109 N/E Drywall Mud, Beige, Non-homogeneous	LAYER 1 100%	Gypsum/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-018 1121-18	Heater Closet Room 108 N/W Drywall Mud, Beige, Non-homogeneous	LAYER 1 100%	Gypsum/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-019 1121-19	Heater Closet Room 107 N/W Drywall Mud, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-020 1121-20	Heater Closet Room 110 N/E Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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

Report Number 1729718

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

Date Received 12/14/2017

Date Analyzed 12/18/2017

Date Reported 12/18/2017

Date Sampled 11/21/2017

Sampled By Jorge Robles

Total Samples 39

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 (%)
1729718-021 1121-21	Exterior N Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-022 1121-22	Exterior W Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-023 1121-23	Exterior E Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-024 1121-24	Exterior N/W Corner Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-025 1121-25	Exterior S/W Corner Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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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 (%)
1729718-026 1121-26	Exterior S Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-027 1121-27	Exterior S/E Corner Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-028 1121-28A	Room 109 Ctr 12" Straight Peghole C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 90% Other Non-Fibrous Material 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-029 1121-28B	Room 109 Ctr Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-030 1121-29A	Room 108 Ctr 12" Straight Peghole C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 90% Other Non-Fibrous Material 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-031 1121-29B	Room 108 Ctr Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1729718-032 1121-30A	Room 107 Ctr 12" Straight Peghole C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 90% Other Non-Fibrous Material 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-033 1121-30B	Room 107 Ctr Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-034 1121-31A	Room B110 Ctr 12" Fissured C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 95% Binder/Filler 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-035 1121-31B	Room B110 Ctr Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-036 1121-32A	Room B110 N/W Corner 12" Fissured C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 95% Binder/Filler 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-037 1121-32B	Room B110 N/W Corner Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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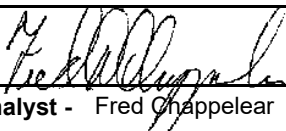
Sampled By Jorge Robles

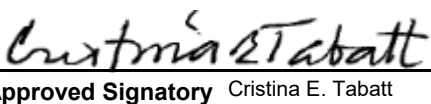
Total Samples 39

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1729718-038 1121-33A	Room B110 S/W Corner 12" Fissured C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler 95% 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-039 1121-33B	Room B110 S/W Corner Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
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 - Fred Chappellear


Approved Signatory Cristina E. Tabatt


Lab Code 500044-0

CHAIN OF CUSTODY

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(Lab) Order No.

1729718

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:		
Company	ALTA ENVIRONMENTAL	Same Day ☐	Fedex ☐	Web	☐	
Address	3777 Long Beach Blvd	1 Day ☐	UPS ☐	Email	☐	
City/State/Zip	Long Beach CA 90800	2 Day ☐	USPS ☐	Fax	☐	
Contact	Cesar Rivalcaba	3 Day ☐	Drop Off ☐	Verbal	☐	
Office Phone	562-445-5777	5 Day ☒	Drop Box ☐	Mail	☐	
Cell		Weekend ☐	Other ☐	Pick up	☐	
Fax		Special Instructions:				
Email						
PROJECT INFORMATION						
Project Name: MCKinley E.S.		PO Number:				
Project Number: SWSO-17-7280		Work Order No.:				
Location: Santa Monica		Sampled By: Jerry R. Jones				
PLM PLM EPA 600/M4-82-020 ☒ PLM 400 Pt. Count (<0.25%) ☐ PLM 1000 Pt. Count (<0.1%) ☐		PCM NIOSH 7400A ☐ NIOSH 7400B ☐ w/ TWA ☐		MOLD Spore Trap ☐ Tape Lift ☐ Bulk Sample ☐ Swab ☐		
		LEAD (Pb) Air ☐ TTLC ☐ Paint ☐ Wipe ☐ Soil ☐				
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
1121-01	2' x 4' fissured	Room 106 N/W	11/21/17			
1121-02	C.P.	Room 107 S/E				
1121-03	I	Room 109 S/W				
1121-04	Rough wall plaster and ceiling	Room 107 N/W				
1121-05		Room 107 S/E				
1121-06		Room 109A, Nctr				
1121-07		Room 109 S/W				
1121-08		Room 110 N/W				
1121-09		Room 110 S/E				
1121-10		Room 109, Nctr				
Relinquished By: Scott J.			Received By: [Signature]			
Date/Time: 12/14/17 10:50			Date/Time: 12/14/17 10:50			
Relinquished By:			Received By:			
Date/Time:			Date/Time:			

CHAIN OF CUSTODY

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(Lab) Order No. 1729718

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company		Same Day ☐	Fedex ☐	Web ☐
Address		1 Day ☐	UPS ☐	Email ☐
City/State/Zip		2 Day ☐	USPS ☐	Fax ☐
Contact		3 Day ☐	Drop Off ☐	Verbal ☐
Office Phone		5 Day ☐	Drop Box ☐	Mail ☐
Cell		Weekend ☐	Other ☐	Pick up ☐
Fax		Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name:	PO Number:
Project Number:	Work Order No.:
Location:	Sampled By:

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

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
1121-11	Smooth non plaster	Room 107 N. Ct	11/1/17			
1121-12	L	Room 108 W. Ct				
1121-13	L	Room 109 N Ct				
1121-14	Drywall	Hedn closet Room 109 N/E				
1121-15	L	Room 108 N/W				
1121-16	L	Room 107 N/W				
1121-17	Drywall med	Room 109 N/E				
1121-18	L	Room 108 W/W				
1121-19	L	Room 107 N/W				
1121-20	Drywall composite	Room 110 N/E				

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>12/14/17 10:50</u>	Date/Time: <u>12/14/17 10:50</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:

CHAIN OF CUSTODY

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(Lab) Order No. 1729718

CUSTOMER INFORMATION				Turnaround Time	Shipped By	Report Send Via:				
Company				Same Day ☐	Fedex ☐	Web ☐				
Address				1 Day ☐	UPS ☐	Email ☐				
City/State/Zip				2 Day ☐	USPS ☐	Fax ☐				
Contact				3 Day ☐	Drop Off ☐	Verbal ☐				
Office Phone				5 Day ☐	Drop Box ☐	Mail ☐				
Cell				Weekend ☐	Other ☐	Pick up ☐				
Fax				Special Instructions:						
Email										
PROJECT INFORMATION										
Project Name: _____				PO Number: _____						
Project Number: _____				Work Order No.: _____						
Location: _____				Sampled By: _____						
PLM PLM EPA 600/M4-82-020 ☒ PLM 400 Pt. Count (<0.25%) ☐ PLM 1000 Pt. Count (<0.1%) ☐			PCM NIOSH 7400A ☐ NIOSH 7400B ☐ w/ TWA ☐		MOLD Spore Trap ☐ Tape Lift ☐ Bulk Sample ☐ Swab ☐		LEAD (Pb) Air ☐ TTLC ☐ Paint ☐ Wipe ☐ Soil ☐			
SAMPLE ID	SAMPLE TYPE	LOCATION		Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)			
1121-21	STUCCO	exterior N Ctr		11/21/17						
1121-22	↓	W Ctr		↓						
1121-23		E Ctr								
1121-24		NW corner								
1121-25		SW corner								
1121-26		S Ctr								
1121-27		S/E corner								
1121-28		12" straight pghole C-7. w/ brown mastic	Room 109 Ctr							
1121-29		Room 108 Ctr								
1121-30		Room 107 Ctr								
Relinquished By: <u>[Signature]</u>				Received By: <u>[Signature]</u>						
Date/Time: <u>12/14/17 10:50</u>				Date/Time: <u>12/14/17 10:50</u>						
Relinquished By:				Received By:						
Date/Time:				Date/Time:						



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Report Number 1729718

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

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Sampled By Jorge Robles

Total Samples 39

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	(%)
1729718-001 1121-01	Room 108 N/W 2'x4' Fissured C.P., Silver/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Metallic Foil Binder/Filler	77% 3% 5% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-002 1121-02	Room 107 S/E 2'x4' Fissured C.P., Silver/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Metallic Foil Binder/Filler	77% 3% 5% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-003 1121-03	Room 109 S/W 2'x4' Fissured C.P., White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 5% 45% 5%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-004 1121-04	Room 107 N/W Rough Wall and Ceiling Plaster, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Perlite Quartz Gypsum/Filler	5% 35% 10% 50%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-005 1121-05	Room 107 S/E Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729718-006 1121-06	Room 109A N Ctr Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Quartz Gypsum Calcium Carbonate Other Non-Fibrous Material	<1% 40% 35% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-007 1121-07	Room 109 S/W Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-008 1121-08	Room 110 N/W Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	<1% 35% 40% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-009 1121-09	Room 110 S/E Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	<1% 35% 40% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729718-010 1121-10	Room 108 N Ctr Rough Wall Plaster and Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	<1% 35% 40% 10% 15%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-011 1121-11	Room 107 N Ctr Smooth Wall Plaster, White/Green/Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-012 1121-12	Room 108 N Ctr Smooth Wall Plaster, White/Green/Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-013 1121-13	Room 109 N Ctr Smooth Wall Plaster, White/Green/Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-014 1121-14	Heater Closet Room 109 N/E Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	25% <1 75%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1729718-015 1121-15	Heater Closet Room 108 N/W Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler 25% <1 75%	None Detected
Asbestos Present No		Total % Non-Asbestos:		100.0% Total %Asbestos: No Asbestos Detected
1729718-016 1121-16	Heater Closet Room 107 N/W Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler 35% <1 65%	None Detected
Asbestos Present No		Total % Non-Asbestos:		100.0% Total %Asbestos: No Asbestos Detected
1729718-017 1121-17	Heater Closet Room 109 N/E Drywall Mud, Beige, Non-homogeneous	LAYER 1 100%	Gypsum/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos:		100.0% Total %Asbestos: No Asbestos Detected
1729718-018 1121-18	Heater Closet Room 108 N/W Drywall Mud, Beige, Non-homogeneous	LAYER 1 100%	Gypsum/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos:		100.0% Total %Asbestos: No Asbestos Detected
1729718-019 1121-19	Heater Closet Room 107 N/W Drywall Mud, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler 85% 15%	None Detected
Asbestos Present No		Total % Non-Asbestos:		100.0% Total %Asbestos: No Asbestos Detected
1729718-020 1121-20	Heater Closet Room 110 N/E Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler 20% <1 80%	None Detected
Asbestos Present No		Total % Non-Asbestos:		100.0% Total %Asbestos: No Asbestos Detected



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Alta Environmental
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Long Beach CA 90807
Attn.: Cesar Ruvalcaba

Report Number 1729718

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

Date Received 12/14/2017

Date Analyzed 12/18/2017

Date Reported 12/18/2017

Date Sampled 11/21/2017

Sampled By Jorge Robles

Total Samples 39

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 (%)
1729718-021 1121-21	Exterior N Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-022 1121-22	Exterior W Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-023 1121-23	Exterior E Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-024 1121-24	Exterior N/W Corner Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-025 1121-25	Exterior S/W Corner Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 20% Quartz 45% Other Non-Fibrous Material 35%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729718-026 1121-26	Exterior S Ctr Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-027 1121-27	Exterior S/E Corner Stucco, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	20% 45% 35%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-028 1121-28A	Room 109 Ctr 12" Straight Peghole C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Other Non-Fibrous Material	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-029 1121-28B	Room 109 Ctr Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-030 1121-29A	Room 108 Ctr 12" Straight Peghole C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Other Non-Fibrous Material	90% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729718-031 1121-29B	Room 108 Ctr Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Total Samples 39

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 (%)
1729718-032 1121-30A	Room 107 Ctr 12" Straight Peghole C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 90% Other Non-Fibrous Material 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-033 1121-30B	Room 107 Ctr Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-034 1121-31A	Room B110 Ctr 12" Fissured C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 95% Binder/Filler 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-035 1121-31B	Room B110 Ctr Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-036 1121-32A	Room B110 N/W Corner 12" Fissured C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber 95% Binder/Filler 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-037 1121-32B	Room B110 N/W Corner Mastic, Brown, Non-homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

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Sampled By Jorge Robles

Total Samples 39

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
1729718-038 1121-33A	Room B110 S/W Corner 12" Fissured C.T., White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler 95% 5%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1729718-039 1121-33B	Room B110 S/W Corner Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler 100%	None Detected
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 - Fred Chappellear

Approved Signatory Cristina E. Tabatt

Lab Code 500044-0

CHAIN OF CUSTODY

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(Lab) Order No.

1729718

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:		
Company	ALTA ENVIRONMENTAL	Same Day ☐	Fedex ☐	Web ☐		
Address	3777 Long Beach Blvd	1 Day ☐	UPS ☐	Email ☐		
City/State/Zip	Long Beach CA 90800	2 Day ☐	USPS ☐	Fax ☐		
Contact	Cesar Rivalcaba	3 Day ☐	Drop Off ☐	Verbal ☐		
Office Phone	562-445-5777	5 Day ☒	Drop Box ☐	Mail ☐		
Cell		Weekend ☐	Other ☐	Pick up ☐		
Fax		Special Instructions:				
Email						
PROJECT INFORMATION						
Project Name:	Mckinley E.S.	PO Number:				
Project Number:	SW50-17-7280	Work Order No.:				
Location:	Santa Monica	Sampled By:	Jorge R. Rios			
PLM PLM EPA 600/M4-82-020 ☒ PLM 400 Pt. Count (<0.25%) ☐ PLM 1000 Pt. Count (<0.1%) ☐		PCM NIOSH 7400A ☐ NIOSH 7400B ☐ w/ TWA ☐	MOLD Spore Trap ☐ Tape Lift ☐ Bulk Sample ☐ Swab ☐	LEAD (Pb) Air ☐ TTLC ☐ Paint ☐ Wipe ☐ Soil ☐		
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
1121-01	2' x 4' Fissured	Room 106 N/W	11/21/17			
1121-02	C.P.	Room 107 S/E				
1121-03	I	Room 109 S/W				
1121-04	Rough wall plaster and ceiling	Room 107 N/W				
1121-05		Room 107 S/E				
1121-06		Room 109A, Nctr				
1121-07		Room 109 S/W				
1121-08		Room 110 N/W				
1121-09		Room 110 S/E				
1121-10		Room 109 Nctr				
Relinquished By: Scott J.		Received By: [Signature]				
Date/Time: 12/14/17 10:50		Date/Time: 12/14/17 10:50				
Relinquished By:		Received By:				
Date/Time:		Date/Time:				

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(Lab) Order No. **1729718**

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Company		Same Day ☐	Fedex ☐	Web ☐
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City/State/Zip		2 Day ☐	USPS ☐	Fax ☐
Contact		3 Day ☐	Drop Off ☐	Verbal ☐
Office Phone		5 Day ☐	Drop Box ☐	Mail ☐
Cell		Weekend ☐	Other ☐	Pick up ☐
Fax		Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name:	PO Number:
Project Number:	Work Order No.:
Location:	Sampled By:

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

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
1121-11	Smooth non plaster	Room 107 N. Ct	11/1/17			
1121-12	I	Room 108 W. Ct				
1121-13	I	Room 109 N Ct				
1121-14	Drywall	Heating closet Room 109 N/E				
1121-15	I	Room 108 N/W				
1121-16	I	Room 107 N/W				
1121-17	Drywall med	Room 109 N/E				
1121-18	I	Room 108 W/W				
1121-19	I	Room 107 N/W				
1121-20	Drywall composite	Room 110 N/E				

Relinquished By: <i>[Signature]</i>	Received By: <i>[Signature]</i>
Date/Time: 12/14/17 10:50	Date/Time: 12/14/17 10:50
Relinquished By:	Received By:
Date/Time:	Date/Time:

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CUSTOMER INFORMATION				Turnaround Time	Shipped By	Report Send Via:				
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City/State/Zip				2 Day ☐	USPS ☐	Fax ☐				
Contact				3 Day ☐	Drop Off ☐	Verbal ☐				
Office Phone				5 Day ☐	Drop Box ☐	Mail ☐				
Cell				Weekend ☐	Other ☐	Pick up ☐				
Fax				Special Instructions:						
Email										
PROJECT INFORMATION										
Project Name: _____				PO Number: _____						
Project Number: _____				Work Order No.: _____						
Location: _____				Sampled By: _____						
PLM PLM EPA 600/M4-82-020 ☒ PLM 400 Pt. Count (<0.25%) ☐ PLM 1000 Pt. Count (<0.1%) ☐			PCM NIOSH 7400A ☐ NIOSH 7400B ☐ w/ TWA ☐		MOLD Spore Trap ☐ Tape Lift ☐ Bulk Sample ☐ Swab ☐		LEAD (Pb) Air ☐ TTLC ☐ Paint ☐ Wipe ☐ Soil ☐			
SAMPLE ID	SAMPLE TYPE	LOCATION		Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)			
1121-21	STUCCO	exterior N ctr		11/21/17						
1121-22	↓	W ctr		↓						
1121-23		E ctr								
1121-24		NW corner								
1121-25		SW corner								
1121-26		S ctr								
1121-27		S/E corner								
1121-28		12" straight pghole C-7. w/ brown mastic	Room 109 ctr							
1121-29	↓	Room 108 ctr								
1121-30		Room 107 ctr								
Relinquished By: <u>[Signature]</u>				Received By: <u>[Signature]</u>						
Date/Time: <u>12/14/17 10:50</u>				Date/Time: <u>12/14/17 10:50</u>						
Relinquished By: _____				Received By: _____						
Date/Time: _____				Date/Time: _____						

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Address		1 Day ☐	UPS ☐	Email ☐		
City/State/Zip		2 Day ☐	USPS ☐	Fax ☐		
Contact		3 Day ☐	Drop Off ☐	Verbal ☐		
Office Phone		5 Day ☐	Drop Box ☐	Mail ☐		
Cell		Weekend ☐	Other ☐	Pick up ☐		
Fax		Special Instructions:				
Email						
PROJECT INFORMATION						
Project Name: _____		PO Number: _____				
Project Number: _____		Work Order No.: _____				
Location: _____		Sampled By: _____				
PLM PLM EPA 600/M4-82-020 ☒ PLM 400 Pt. Count (<0.25%) ☐ PLM 1000 Pt. Count (<0.1%) ☐		PCM NIOSH 7400A ☐ NIOSH 7400B ☐ w/ TWA ☐	MOLD Spore Trap ☐ Tape Lift ☐ Bulk Sample ☐ Swab ☐	LEAD (Pb) Air ☐ TTLC ☐ Paint ☐ Wipe ☐ Soil ☐		
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
1121-31	12" R.S. w/ C.T. w/ magnet	Room B110 GR	11/21/17			
1121-32	L	N/W corner	L			
1121-33	L	S/W corner	L			
Relinquished By: <u>Leti</u>		Received By: <u>omigfaww</u>				
Date/Time: <u>12/14/17 10:50</u>		Date/Time: <u>12/14/17 10:50</u>				
Relinquished By: _____		Received By: _____				
Date/Time: _____		Date/Time: _____				



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Project Number SMSD-17-7280
Project Name McKinley E.S.
Location Santa Monica
PO Number
WO Number

Report Number 1729719

Date Received 12/14/2017
Date Analyzed 12/15/2017
Date Reported 12/18/2017

Date Sampled 12/14/2017
Sampled By J.R.
Total Samples 17

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	(%)
1729719-001 1121-28	Exterior N Ctr Dashcoat on Concrete, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Vermiculite Binder/Filler	30% 25% 25% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729719-002 1121-29	Exterior S Ctr Dashcoat on Concrete, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Vermiculite Binder/Filler	20% 35% 25% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729719-003 1121-30	Exterior N/W Corner Dashcoat on Concrete, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Vermiculite Binder/Filler	20% 35% 25% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729719-004 1121-31	Exterior N/E Corner Dashcoat on Concrete, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Vermiculite Binder/Filler	20% 35% 25% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Date Sampled 12/14/2017

Sampled By J.R.

Total Samples 17

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	(%)
1729719-005 1121-32	Exterior S/W Corner Dashcoat on Concrete, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Vermiculite Binder/Filler	20% 30% 30% 20%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729719-006 1121-33	71E N/W Corner Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	30% <1 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729719-007 1121-34	70 S/E Corner Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	30% <1 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729719-008 1121-35	Kitchen N Ctr Drywall, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	30% <1 70%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1729719-009 1121-36	71E N/W Corner Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Mica Binder/Filler	75% 10% 15%	Chrysotile	<1%
Asbestos Present Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%



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Total Samples 17

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 (%)
1729719-010 1121-37	Lounge S/Ctr Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 75% Mica 10% Binder/Filler 15%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1729719-011 1121-38	Kitchen N/W Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 75% Mica 10% Binder/Filler 15%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1729719-012 1121-39	70 S/W Corner Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 75% Mica 10% Binder/Filler 15%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1729719-013 1121-40	71D S Ctr Drywall Mud, White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate 75% Mica 10% Binder/Filler 15%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1729719-014 1121-41	71E S Ctr Drywall Composite, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 15% Fibrous Glass <1% Calcium Carbonate 9% Mica 1% Gypsum/Filler 75%	Chrysotile <1%
Asbestos Present Yes		Total % Non-Asbestos: 100.0%		Total %Asbestos: <1%
1729719-015 1121-42	Kitchen Ctr 2'x4' Fissured C.P., White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber 45% Perlite 45% Binder/Filler 10%	None Detected
Asbestos Present No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected



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

Report Number 1729719

Date Received 12/14/2017

Date Analyzed 12/15/2017

Date Reported 12/18/2017

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.

Project Number SMSD-17-7280

Project Name McKinley E.S.

Location Santa Monica

PO Number

WO Number

Date Sampled 12/14/2017

Sampled By J.R.

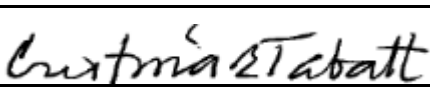
Total Samples 17

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1729719-016 1121-43	Lounge Ctr 2'x4' Fissured C.P., White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	45% 45% 10%	None Detected	
Asbestos Present No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1729719-017 1121-44	71O Ctr 2'x4' Fissured C.P., White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	45% 45% 10%	None Detected	
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 - Fred Chapplear


Approved Signatory Cristina E. Tabatt


Lab Code 500044-0



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. 1129719

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day ☐	Fedex ☐	Web ☐
Address	3777 Long Beach Blvd	1 Day ☐	UPS ☐	Email ☐
City/State/Zip	90807	2 Day ☐	USPS ☐	Fax ☐
Contact	<u>Cesar Ruvalcaba</u>	3 Day ☐	Drop Off ☐	Verbal ☐
Office Phone	562-495-5777	5 Day ☒	Drop Box ☐	Mail ☐
Cell		Weekend ☐	Other ☐	Pick up ☐
Fax		Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name: <u>SE San Ramon McKenley E.S.</u>	PO Number: _____
Project Number: <u>SE LA 17-0018 SMSD-17-7280</u>	Work Order No.: _____
Location: <u>Sevilla Mexico</u>	Sampled By: <u>SE LA 17-0018 J.R.</u>

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

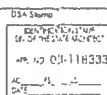
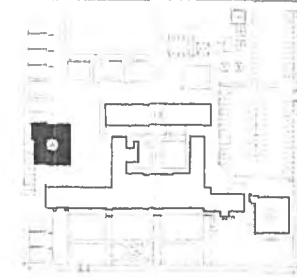
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
1121-28	Dash/court on	Exterior N Ctr	11/21/17			
1121-29	concrete	S Ctr				
1121-30		NW corner				
1121-31		NE corner				
1121-32		SW corner				
1121-33	Dry wall	71E NW corner				
1121-34		7B S/E corner				
1121-35		Kitchen N Ctr				

Relinquished By: <u>Scott L</u>	Received By: <u>Ornitha Pantoja</u>
Date/Time: _____	Date/Time: <u>12/14/17 14:45</u>
Relinquished By: _____	Received By: _____
Date/Time: _____	Date/Time: _____

Appendix C

Sample Location Map: Asbestos

Year	Journal	Volume	Issue	Pages	DOI	Abstract	Keywords	Notes
2017	Journal of Management	43	1	1-15	10.1177/0149206316666666	Abstract: This article examines the role of social capital in the context of organizational change. It argues that social capital can be a double-edged sword, both facilitating and hindering change efforts. The article discusses the importance of understanding the nature and extent of social capital in an organization and the need for a balanced approach to its management.	Management, Social Capital, Organizational Change	1
2018	Journal of Management	44	2	1-15	10.1177/0149206317711111	Abstract: This article explores the relationship between social capital and organizational performance. It suggests that social capital can enhance performance by facilitating the flow of information and resources within an organization. However, it also notes that social capital can be a source of inefficiency if it leads to groupthink or the exclusion of dissenting voices.	Management, Social Capital, Organizational Performance	2
2019	Journal of Management	45	3	1-15	10.1177/0149206318777777	Abstract: This article discusses the challenges of measuring social capital. It argues that social capital is a complex and multifaceted concept that is difficult to quantify. The article reviews various methods for measuring social capital and discusses their strengths and limitations.	Management, Social Capital, Measurement	3
2020	Journal of Management	46	4	1-15	10.1177/0149206319888888	Abstract: This article examines the role of social capital in the context of digital transformation. It suggests that social capital can facilitate the adoption of new technologies and the implementation of digital strategies. However, it also notes that social capital can be a barrier to digital transformation if it leads to resistance to change.	Management, Social Capital, Digital Transformation	4

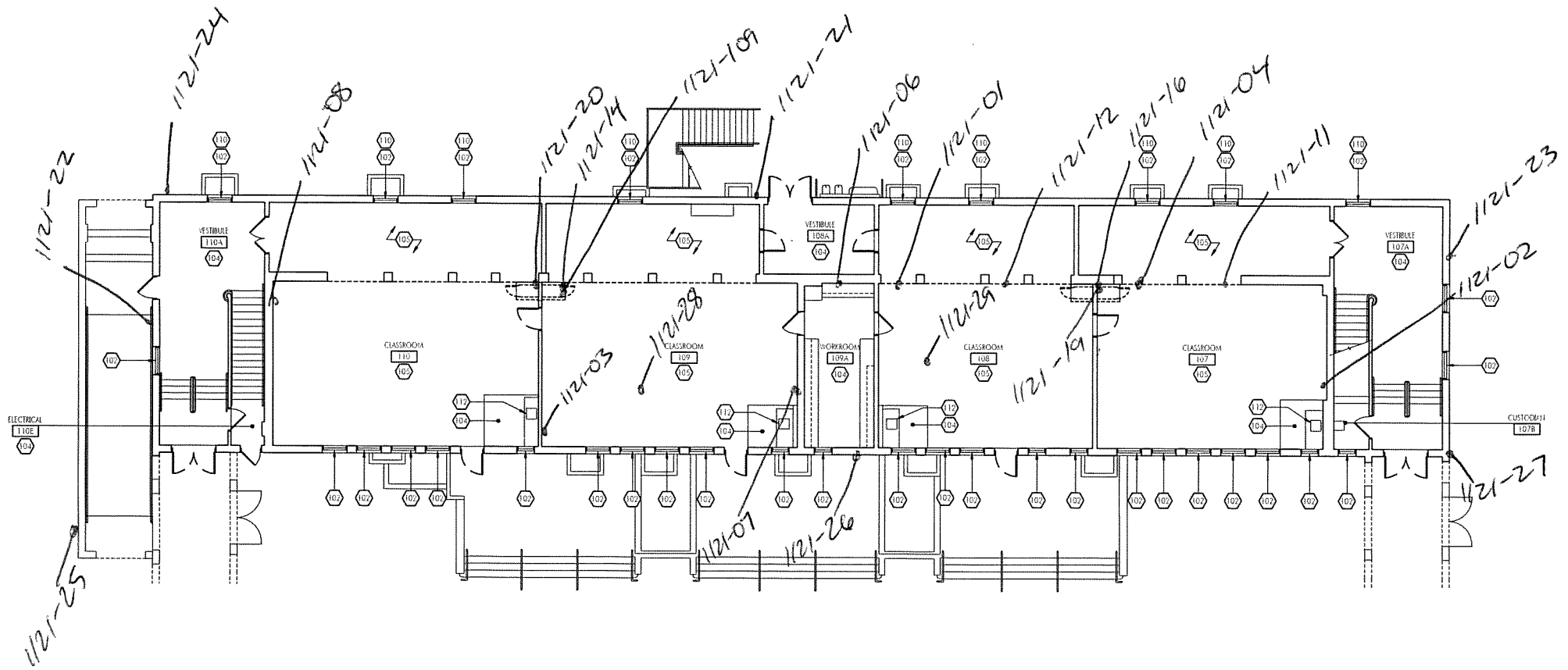


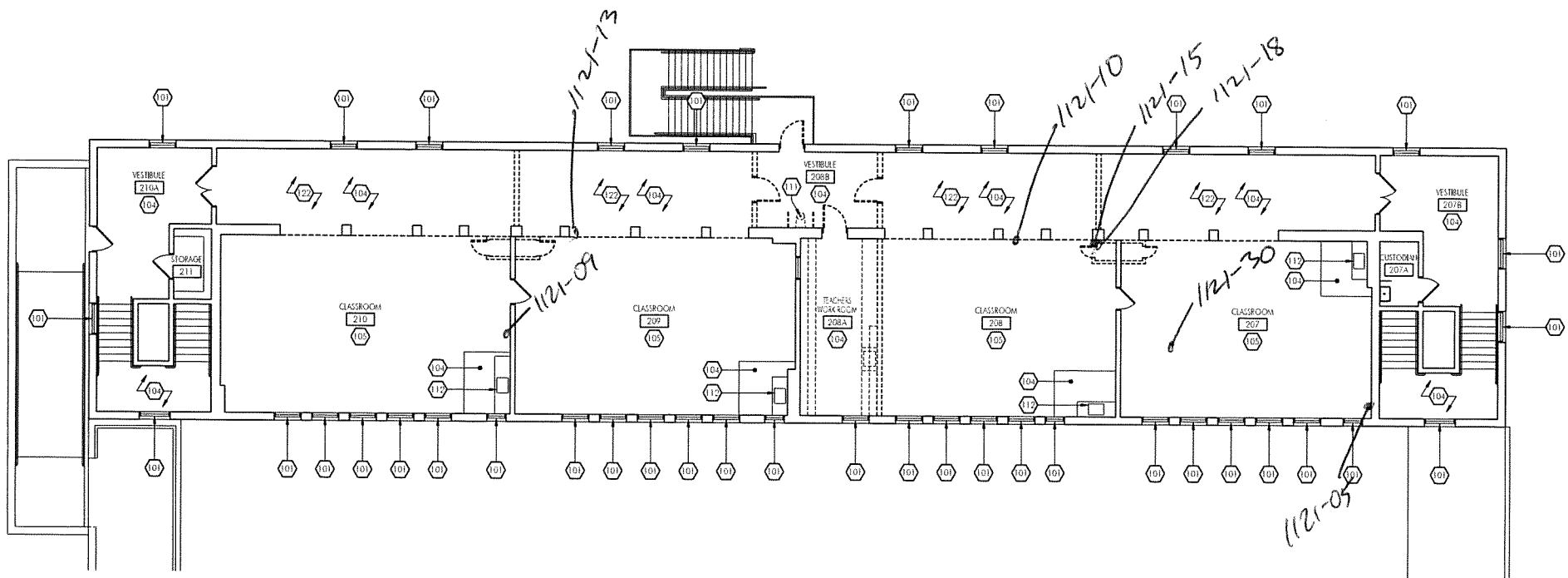
Ref No	Issue	Ref Date	Issue
1	1993	1993	1993

Building 'A' Demolition Floor
and Reflected Ceiling Plans

Date: 9.22.2017
Scale: As shown
Drawn By: DB
Checked By: PH

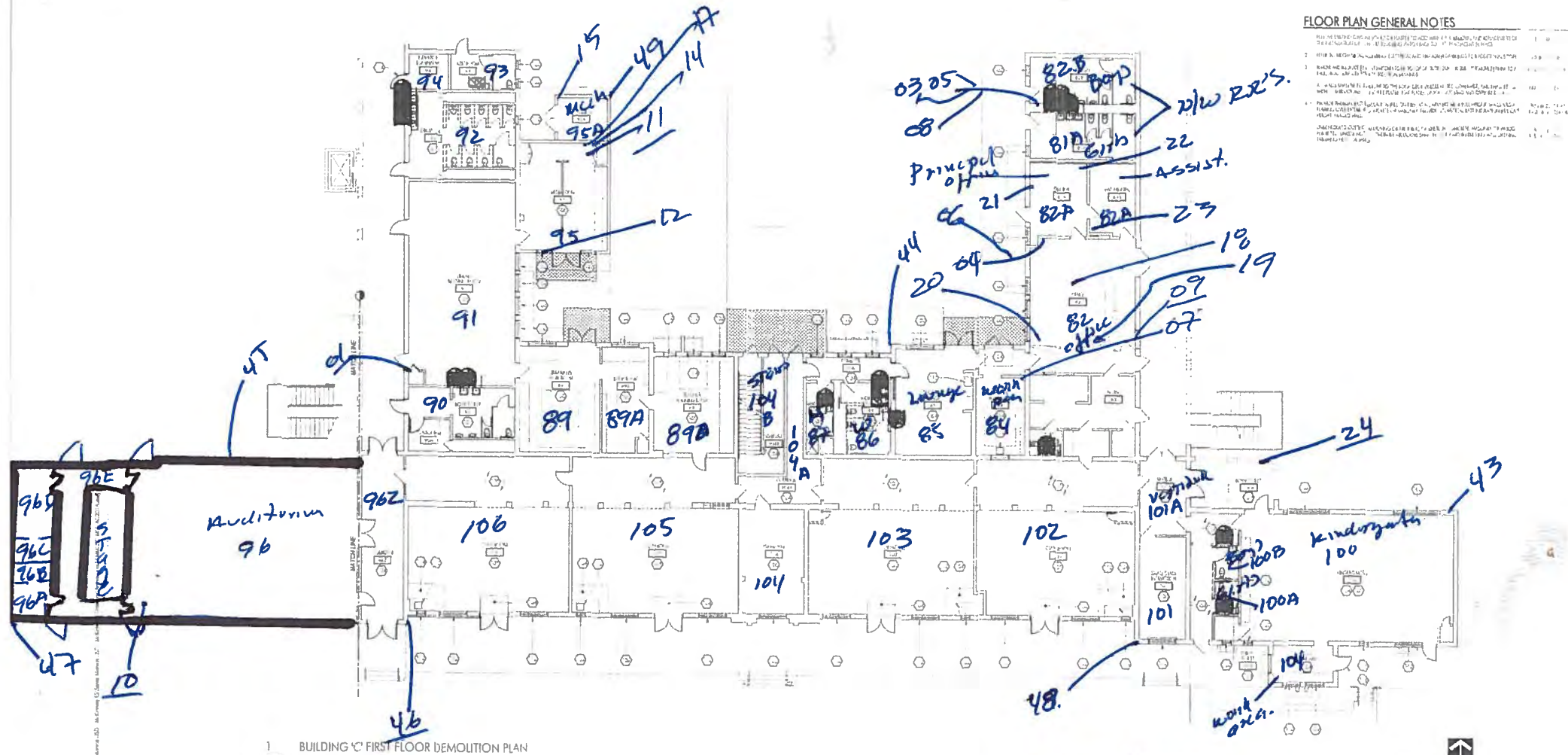
AA201





FLOOR PLAN GENERAL NOTES

1. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
2. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
3. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
4. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
5. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.



1 BUILDING 'C' FIRST FLOOR DEMOLITION PLAN

DEMOLITION KEYNOTES

1. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
2. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
3. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
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5. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.

DEMOLITION FLOOR PLAN LEGEND

1. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
2. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
3. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
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5. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.

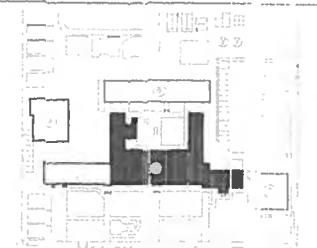
DEMOLITION FLOOR PLAN LEGEND

1. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
2. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
3. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
4. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.
5. ALL DEMOLITION WORK SHALL BE ACCORDING TO THE CITY OF SANTA MONICA'S DEMOLITION ORDINANCE, CHAPTER 21.10, AND THE CALIFORNIA DEMOLITION ASSOCIATION'S (CDA) STANDARD PRACTICES.

Basement



KEY PLAN

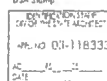


Architect

Architect / Engineer Stamp



DSA Stamp



McKinley Elementary School

Modernization Project

Santa Monica - Malibu Unified School District

2401 Santa Monica Boulevard, Santa Monica, California 90404

Rev. Title Issue Date

Rev. Title Issue Date

Rev. Title Issue Date

Rev. Title Issue Date

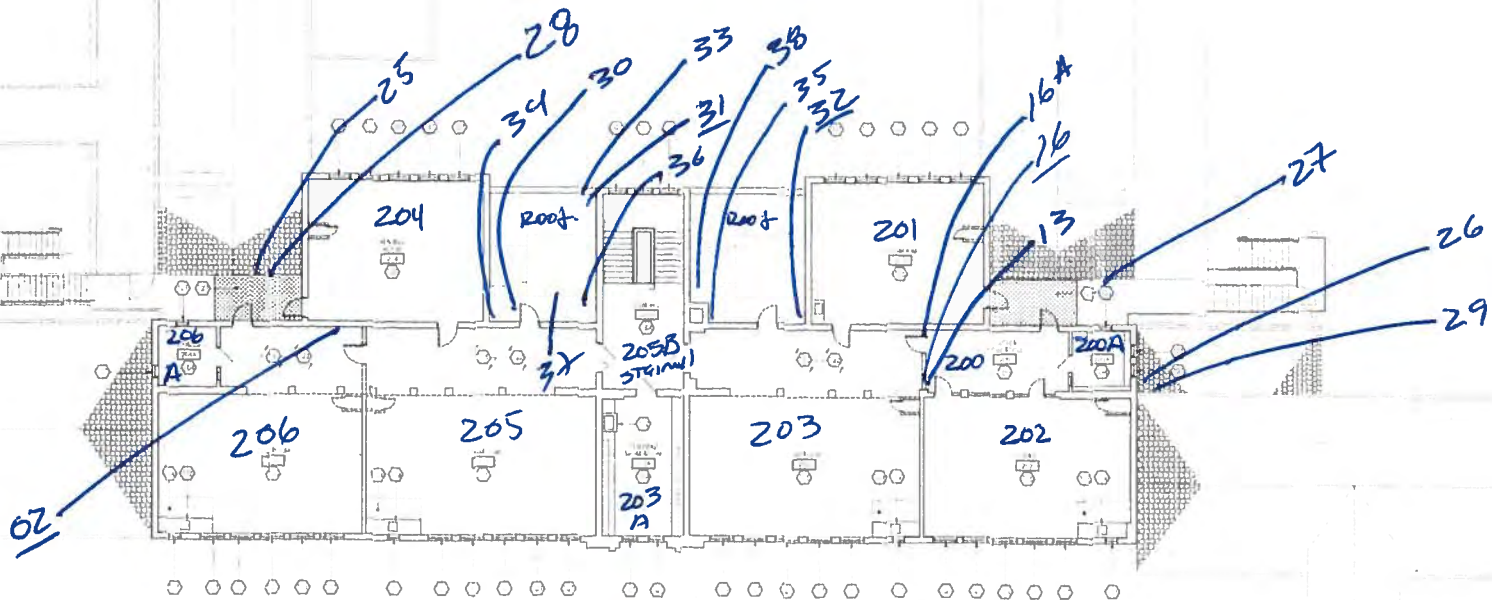
Building 'C' First Floor

Demolition Plan

AC2017

AC2017

1. 1940年12月26日，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
2. 1941年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
3. 1942年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
4. 1943年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
5. 1944年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
6. 1945年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
7. 1946年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
8. 1947年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
9. 1948年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」
10. 1949年5月，在《新華日報》發表題為《論新中華民族政策》的社論，指出：「民族問題，是中國革命的一個重要問題。我們必須認識到，民族問題與階級問題是相聯系的，民族問題與社會問題是相聯系的。」



1 BUILDING 'C' SECOND FLOOR DEMOLITION PLAN

[illegible][illegible]

1. $\frac{1}{2} \ln \frac{1}{2} = -\frac{1}{2} \ln 2$

2. $\ln 2 = \ln 2^1 = 1 \ln 2 = \ln 2$

3. $\ln 4 = \ln 2^2 = 2 \ln 2$

4. $\ln 8 = \ln 2^3 = 3 \ln 2$

5. $\ln 16 = \ln 2^4 = 4 \ln 2$

6. $\ln 32 = \ln 2^5 = 5 \ln 2$

7. $\ln 64 = \ln 2^6 = 6 \ln 2$

8. $\ln 128 = \ln 2^7 = 7 \ln 2$

9. $\ln 256 = \ln 2^8 = 8 \ln 2$

10. $\ln 512 = \ln 2^9 = 9 \ln 2$

11. $\ln 1024 = \ln 2^{10} = 10 \ln 2$

12. $\ln 2048 = \ln 2^{11} = 11 \ln 2$

13. $\ln 4096 = \ln 2^{12} = 12 \ln 2$

14. $\ln 8192 = \ln 2^{13} = 13 \ln 2$

15. $\ln 16384 = \ln 2^{14} = 14 \ln 2$

16. $\ln 32768 = \ln 2^{15} = 15 \ln 2$

17. $\ln 65536 = \ln 2^{16} = 16 \ln 2$

18. $\ln 131072 = \ln 2^{17} = 17 \ln 2$

19. $\ln 262144 = \ln 2^{18} = 18 \ln 2$

20. $\ln 524288 = \ln 2^{19} = 19 \ln 2$

21. $\ln 1048576 = \ln 2^{20} = 20 \ln 2$

22. $\ln 2097152 = \ln 2^{21} = 21 \ln 2$

23. $\ln 4194304 = \ln 2^{22} = 22 \ln 2$

24. $\ln 8388608 = \ln 2^{23} = 23 \ln 2$

25. $\ln 16777216 = \ln 2^{24} = 24 \ln 2$

26. $\ln 33554432 = \ln 2^{25} = 25 \ln 2$

27. $\ln 67108864 = \ln 2^{26} = 26 \ln 2$

28. $\ln 134217728 = \ln 2^{27} = 27 \ln 2$

29. $\ln 268435456 = \ln 2^{28} = 28 \ln 2$

30. $\ln 536870912 = \ln 2^{29} = 29 \ln 2$

31. $\ln 1073741824 = \ln 2^{30} = 30 \ln 2$

32. $\ln 2147483648 = \ln 2^{31} = 31 \ln 2$

33. $\ln 4294967296 = \ln 2^{32} = 32 \ln 2$

34. $\ln 8589934592 = \ln 2^{33} = 33 \ln 2$

35. $\ln 17179869184 = \ln 2^{34} = 34 \ln 2$

36. $\ln 34359738368 = \ln 2^{35} = 35 \ln 2$

37. $\ln 68719476736 = \ln 2^{36} = 36 \ln 2$

38. $\ln 137438953472 = \ln 2^{37} = 37 \ln 2$

39. $\ln 274877906944 = \ln 2^{38} = 38 \ln 2$

40. $\ln 549755813888 = \ln 2^{39} = 39 \ln 2$

41. $\ln 1099511627776 = \ln 2^{40} = 40 \ln 2$

42. $\ln 2199023255552 = \ln 2^{41} = 41 \ln 2$

43. $\ln 4398046511104 = \ln 2^{42} = 42 \ln 2$

44. $\ln 8796093022208 = \ln 2^{43} = 43 \ln 2$

45. $\ln 17592186044416 = \ln 2^{44} = 44 \ln 2$

46. $\ln 35184372088832 = \ln 2^{45} = 45 \ln 2$

47. $\ln 70368744177664 = \ln 2^{46} = 46 \ln 2$

48. $\ln 140737488355328 = \ln 2^{47} = 47 \ln 2$

49. $\ln 281474976710656 = \ln 2^{48} = 48 \ln 2$

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52. $\ln 2251799813685248 = \ln 2^{51} = 51 \ln 2$

53. $\ln 4503599627370496 = \ln 2^{52} = 52 \ln 2$

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62. $\ln 2305843009213693952 = \ln 2^{61} = 61 \ln 2$

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64. $\ln 9223372036854775808 = \ln 2^{63} = 63 \ln 2$

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70. $\ln 590295810358705651712 = \ln 2^{69} = 69 \ln 2$

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72. $\ln 2361183241434822606848 = \ln 2^{71} = 71 \ln 2$

73. $\ln 4722366482869645213696 = \ln 2^{72} = 72 \ln 2$

74. $\ln 9444732965739290427392 = \ln 2^{73} = 73 \ln 2$

75. $\ln 18889465931478580854784 = \ln 2^{74} = 74 \ln 2$

76. $\ln 37778931862957161709568 = \ln 2^{75} = 75 \ln 2$

77. $\ln 75557863725914323419136 = \ln 2^{76} = 76 \ln 2$

78. $\ln 151115727451828646838272 = \ln 2^{77} = 77 \ln 2$

79. $\ln 302231454903657293676544 = \ln 2^{78} = 78 \ln 2$

80. $\ln 604462909807314587353088 = \ln 2^{79} = 79 \ln 2$

81. $\ln 1208925819614629174706176 = \ln 2^{80} = 80 \ln 2$

82. $\ln 2417851639229258349412352 = \ln 2^{81} = 81 \ln 2$

83. $\ln 4835703278458516698824704 = \ln 2^{82} = 82 \ln 2$

84. $\ln 9671406556917033397649408 = \ln 2^{83} = 83 \ln 2$

85. $\ln 19342813113834066795298816 = \ln 2^{84} = 84 \ln 2$

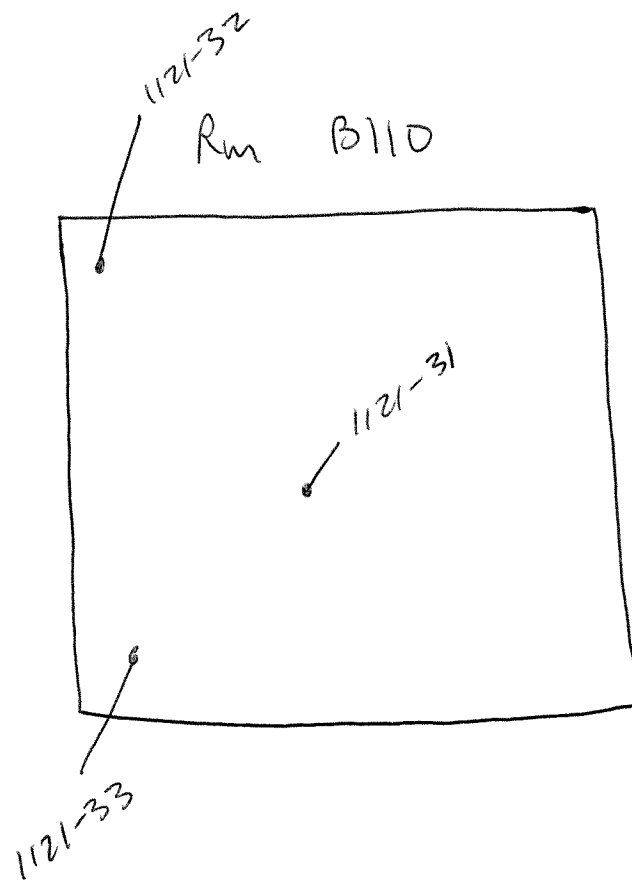
86. $\ln 38685626227668133590597632 = \ln 2^{85} = 85 \ln 2$

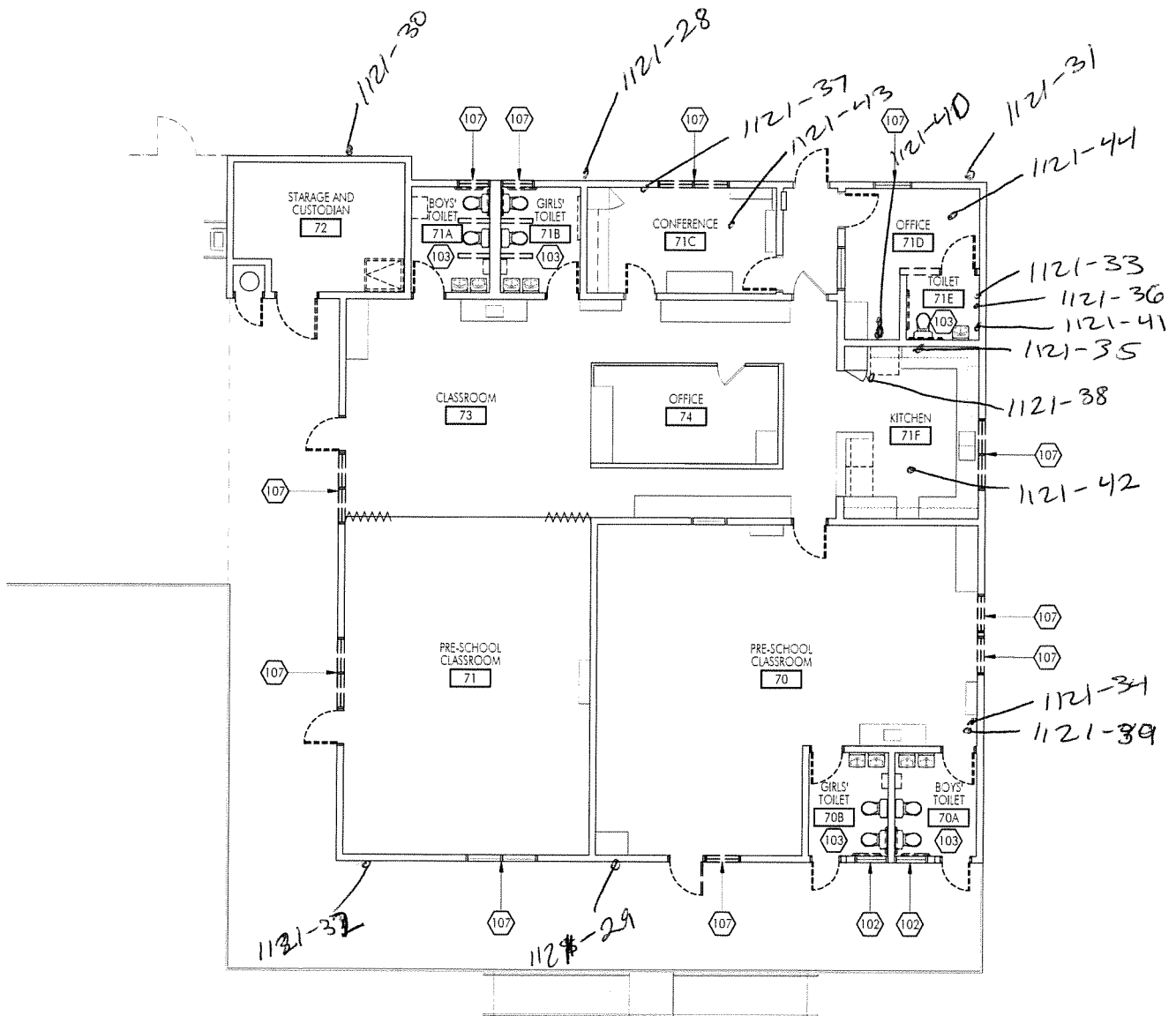
87. $\ln 77371252455336267181195264 = \ln 2^{86} = 86 \ln 2$

88. $\ln 154742504910672534362390528 = \ln 2^{87} = 87 \ln 2$

89. $\ln 309485009821345068724781056 = \ln 2^{88} = 88 \ln 2$

90. $\ln 618970019642690137449562112 = \ln 2^{89} =$





NOTE
ALL EXISTING FLOOR FINISHES AND EQUIPMENT SHALL
REMAIN UNLESS NOTED OTHERWISE

1 BUILDING 'D' FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'-0"



Appendix D

Field Bulk Sample List: Lead

MATERIAL INVENTORY LEAD PAINT CHIP SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley ES

Page 1 of 2

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Door	01P	Wood	Beige	Room 70 north center	Doors and door casings all (interior)	270	No	NA
Door casing	02P	Metal	Brown	Room 71 southwest	Perimeter floor casings (interior)	<470	No	NA
Cabinet	03P	Wood	Beige	Room 73 northeast	All cabinets	<65	No	NA
Window casing	04P	Metal	Brown	Room 73 west center	All interior windows	<420	No	NA
Wall	05P	Drywall	Beige	Room 70 west center	All interior walls	<49	No	NA
Wall	06P	Stucco	Beige	Northwest	Exterior walls	<47	No	NA
Fence	07P	Metal	Pink	Northeast	Exterior fence and railing	<54	No	NA
Downspout	08P	Metal	Beige	West center	Exterior downspout and gutter	55	No	NA
Ceiling	09P	Wood	Beige	South center	Ceiling to exterior walkways	<50	No	NA
Door casing	10P	Metal	Piink	South west	Exterior door casings	<50	No	NA
Fascia	11P	Metal	Beige	Northeast	Exterior	<66	No	NA
Support post	12P	Metal	Beige	Southeast corner	Exterior	<68	No	NA
Glass window	13P	Glass	Beige	South west center	Exterior (lower glass)	1,900	No	NA
Door	14P	Wood	Pink	Southwest room 70	Exterior doors	730	No	NA
Piping	15P	Metal	Beige	Northeast	Exterior piping of connector	<75	No	NA
Wall	16P	Drywall	Light brown	Northeast boys restroom southwest	Northeast boys restroom, northeast girl restrooms, wall and ceilings	<49	No	NA
Wall	36, 37	Ceramic	Tan	Building A	Northwest restroom walls	Positive by XRF	No	NA

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley ES

Page 2 of 2

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	38, 40, 66	Ceramic	Tan	Building C	Southwest boys restroom, staff mens restrooms	Positive by XRF	No	NA
Wall	41, 42, 58, 60, 62, 64	Ceramic	Beige		Northwest girls restroom, southeast boys restroom, southeast girls restroom, nurses office restrooms, staff womens restroom	Positive by XRF	No	NA
Wall	68	Ceramic	Light brown		Staff mens restroom	Positive by XRF	No	NA

Appendix E

Laboratory Analytical: 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: SMSD-17-7280
Project Name: McKinley E.S.
Location: Bldgs D and C

Report Number: 1729545
Date Received: 11/20/2017
Date Analyzed: 11/22/2017
Date Reported: 11/22/2017

Date Sampled: 11/17/2017
Sampled By: Victor Sanchez
Total Samples: 16

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)
1729545-001 01P	Door Wood Beige - Bldg D	0.0976	270
1729545-002 02P	Door casing Metal Brown - Bldg D	0.0106	< 470
1729545-003 03P	Cabinet Wood Beige - Bldg D	0.0770	< 65
1729545-004 04P	Window Casing Metal Brown - Bldg D	0.0120	< 420
1729545-005 05P	Wall Drywall (Canvas) Beige - Bldg D	0.1017	< 49
1729545-006 06P	Wall Stucco Beige - Bldg D	0.1056	< 47
1729545-007 07P	Fascia Metal Pink - Bldg D	0.0920	< 54
1729545-008 08P	Downspout Metal Beige - Bldg D	0.0902	55
1729545-009 09P	Ceiling Wood Beige - Bldg D	0.1004	< 50
1729545-010 10P	Door casing Metal Pink - Bldg D	0.1001	< 50
1729545-011 11P	Fascia Metal Beige - Bldg D	0.0759	< 66
1729545-012 12P	Support Post Metal Beige - Bldg D	0.0730	< 68
1729545-013 13P	Glass (Window) Glass Beige - Bldg D	0.0722	1900
1729545-014 14P	Door Wood Pink - Bldg D	0.0000	730
1729545-015 15P	Piping Metal Beige - Bldg D	0.0000	< 75
1729545-016 16P	Wall Drywall Light Brown - Bldg C	0.0671	< 49

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.

1729545

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day ☐	Fedex ☐	Web ☐
Address	3777 Long Beach Blvd.	1 Day ☐	UPS ☐	Email ☐
	Long Beach CA 90807	2 Day ☐	USPS ☐	Fax ☐
Contact	Cesar Ruvalcaba	3 Day ☒	Drop Off ☐	Verbal ☐
Office Phone	562 495-5777	5 Day ☐	Drop Box ☐	Mail ☐
Cell	310 951-9485	Weekend ☐	Other ☐	Pick up ☐
Fax	562 495-5877	Special Instructions:		
Email	cesarruvalcaba@altaenviron.com			

PROJECT INFORMATION	
Project Name:	McKinley E.S.
Project Number:	SMSP-17-7280
Location:	Bldgs D and C
PO Number:	
Work Order No.:	
Sampled By:	Victor Sanchez

PLM	PCM	MOLD	LEAD (Pb)
PLM EPA 600/R-93/116 ☐	NIOSH 7400A ☐	Spore Trap ☐	Air ☐ TTLC ☐
PLM 400 Pt. Count (<0.25%) ☐	NIOSH 7400B ☐	Tape Lift ☐	Paint ☐ STLC ☐
PLM 1000 Pt. Count (<0.1%) ☐	w/ TWA ☐	Bulk Sample ☐	Wipe ☐ TCLP ☐
			Soil ☐

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
01P	door wood beige	bldg D	11/17/2017			
02P	door casing metal brown					
03P	cabinet wood beige					
04P	window casing metal brown					
05P	wall Lywall (canvas) beige					
06P	wall studio beige					
07P	floor metal Pink					
08P	door post metal beige					
09P	ceiling wood beige					
10P	door casing metal Pink					

Relinquished By:	Received By:
Date/Time: 11/18/2017 1200	Date/Time: 11/20/17 08:00

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



Project Name: Mechanics E.S.

(Lab) Order No. 1729545

[illegible]

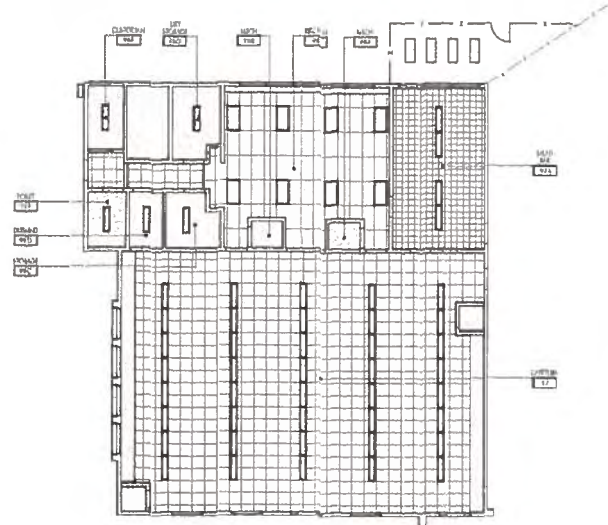
Date/Time: 11/20/17 08:00

Lab Forms
Ver. 082411

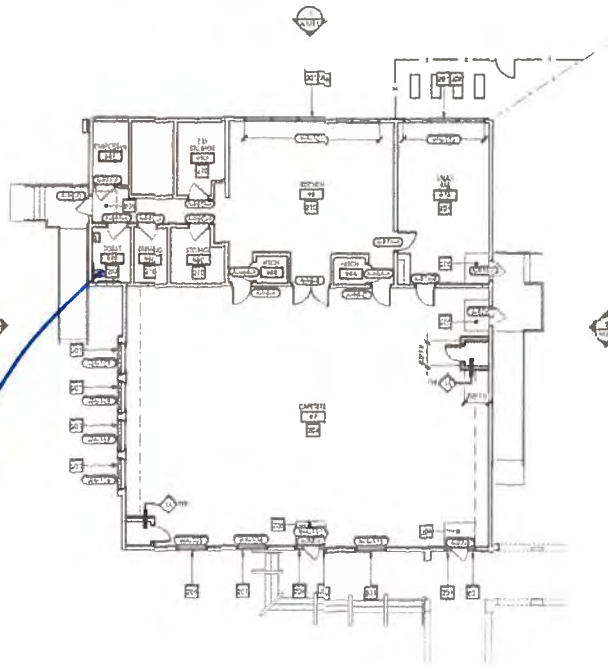
Appendix F

Sample Location Map: Lead

(Cafeteria)



2 BUILDING 'A' REFLECTED CEILING PLAN



1 BUILDING 'A' FLOOR PLAN

FLOOR PLAN GENERAL NOTES

1. ROOMS DESIGNED ON PLAN SHOULD BE ACCORDING TO CODES, SPECIFICATIONS AND APPROVED BY APPLICABLE AGENCIES FOR THE PROJECT. ALL WORK SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL AND ANY ADDENDUMS.
2. ROOMS AND ROOMS SHALL BE DESIGNED TO BE USED FOR THE PURPOSES AND FUNCTIONS AS SHOWN ON THE PLAN. ROOMS SHALL BE DESIGNED TO BE USED FOR THE PURPOSES AND FUNCTIONS AS SHOWN ON THE PLAN.
3. ALL WALLS SHALL BE 12" THICK CONCRETE OR EQUIVALENT. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD.
4. ROOMS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD.
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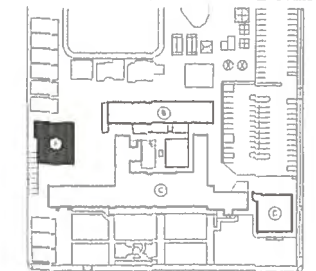
KEYNOTES

- 1. ROOMS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD.
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FLOOR PLAN LEGEND

- 1. ROOMS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD. ALL WALLS SHALL BE FINISHED WITH 1/2" GYPSUM BOARD.
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KEY PLAN



McKinley Elementary School, Santa Monica, California. Project No. 03-118333. Date: 9/22/17. Drawn By: [Name].

N/W 6100's
R25

168

N/W 8045

NE 6100's
R25

FLOOR PLAN GENERAL NOTES

1. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE.
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entry

7/4 Boys

staff men

staff women

nurse's office
R25

S/E Boys

S/E Girls

1 BUILDING 'C' FIRST FLOOR DEMOLITION PLAN

DEMOLITION KEYNOTES

1. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE.
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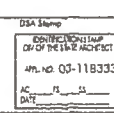
DEMOLITION FLOOR PLAN LEGEND

1. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE. REMOVE EXISTING ROOF TO EXPOSE ROOF DECK AND ALL ROOF STRUCTURE.
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DEMOLITION FLOOR PLAN LEGEND

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KEY PLAN

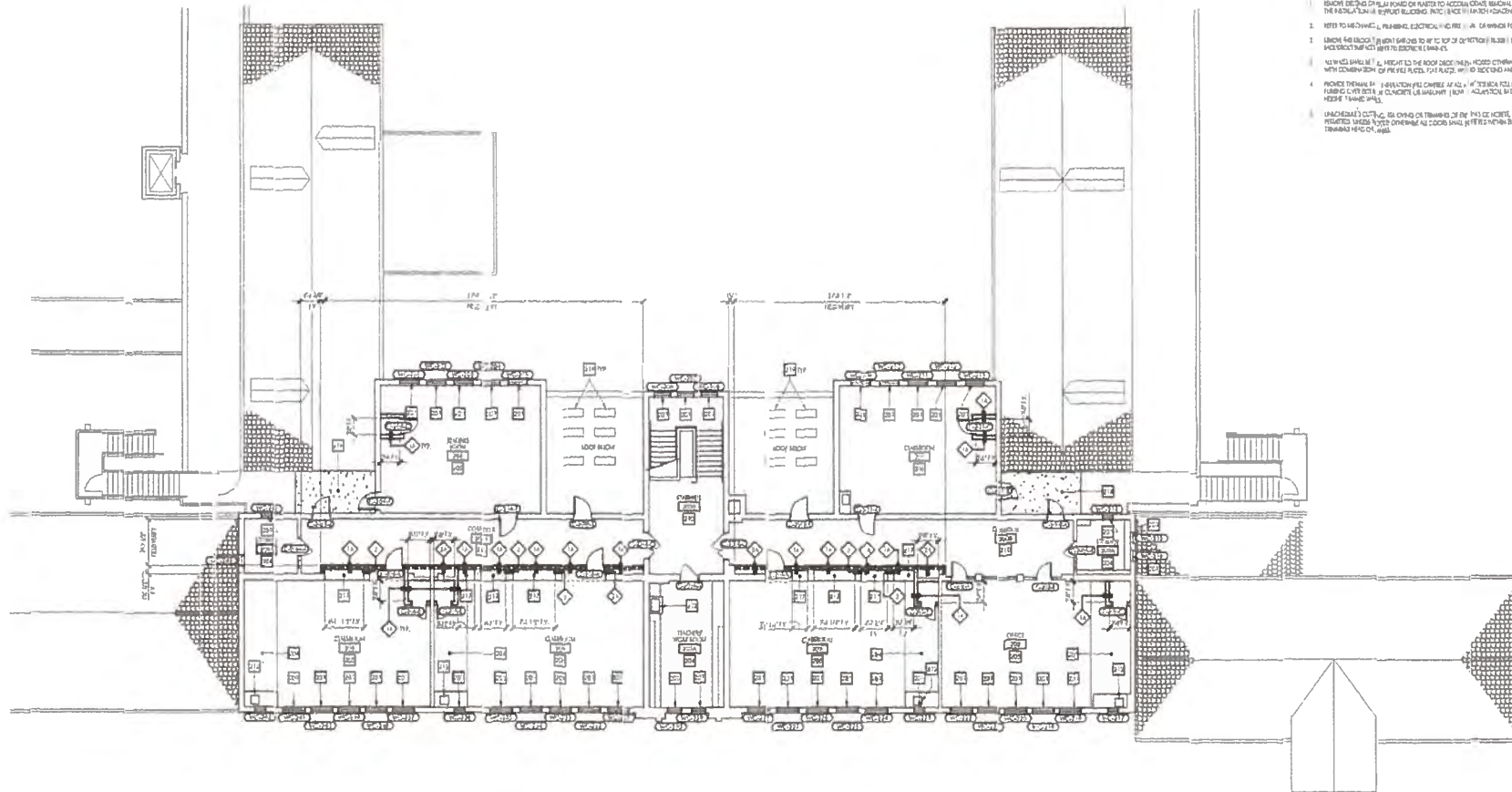


McKinley Elementary School
Modernization Project
Santa Monica - Malibu Unified School District
2401 Santa Monica Boulevard, Santa Monica, California 90404

Rev. Date: 9/22/17
Issue: 01/18/2017

Date: 9/22/2017
Scale: As Shown
Drawn By: D
Checked By: M

Building 'C' First Floor
Demolition Plan
AC201A



1 BUILDING 'C' SECOND FLOOR PLAN

→ NO 1205 ROOMS

FLOOR PLAN GENERAL NOTES

1. SHOW DESIGN ON PLAN ROOMS OR PARTS TO ACCESS, DOORS, WINDOWS, AND REPAIRS TO THE FLOOR PLAN. SEE NOTES FOR MORE INFORMATION.
2. REFER TO THE ARCHITECT'S PLANS FOR ELECTRICAL, PLUMBING, AND MECHANICAL WORK. SEE NOTES FOR MORE INFORMATION.
3. SHOW THE DESIGN OF THE ROOMS TO BE REMOVED OR MODIFIED. SEE NOTES FOR MORE INFORMATION.
4. PROVIDE DETAILS OF THE ROOMS TO BE REMOVED OR MODIFIED. SEE NOTES FOR MORE INFORMATION.
5. UNDEVELOPED CLUTTER, INCLUDING CLUTTER, IS NOT TO BE REMOVED OR MODIFIED. SEE NOTES FOR MORE INFORMATION.

KEYNOTES

NO.	DESCRIPTION
1	PROVIDE NEW 1" INSULATED GLASS, STEEL, DAMSEL, AND CHAMBER 1/2" PLATING AT EXISTING FRAME. SEE WINDOW SCHEDULE FOR MORE INFORMATION.
2	UNDEVELOPED CLUTTER, INCLUDING CLUTTER, IS NOT TO BE REMOVED OR MODIFIED. SEE NOTES FOR MORE INFORMATION.
3	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.
4	WINDOW SCHEDULE
5	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.
6	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.
7	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.
8	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.
9	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.
10	CHART ROOMS AS SCHEDULED. SEE SCHEDULE FOR MORE INFORMATION.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
[Symbol]	WOOD 1/2" ON PARTITION TO REMAIN
[Symbol]	METAL STUD WALL REMOVED. SEE SCHEDULE FOR MORE INFORMATION.
[Symbol]	WOOD WALL. SEE WALL TAG FOR MORE INFORMATION.
[Symbol]	WOOD WALL. SEE WALL TAG FOR MORE INFORMATION.
[Symbol]	WOOD WALL. SEE WALL TAG FOR MORE INFORMATION.
[Symbol]	WOOD WALL. SEE WALL TAG FOR MORE INFORMATION.
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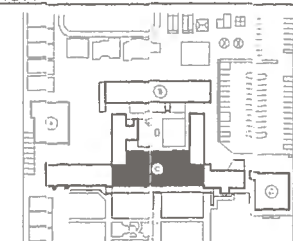
FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
[Symbol]	EXISTING SUBMERGED TANK CHAMBER 1/2" ON PARTITION TO REMAIN. SEE SCHEDULE FOR MORE INFORMATION.
[Symbol]	EXISTING SUBMERGED TANK CHAMBER 1/2" ON PARTITION TO REMAIN. SEE SCHEDULE FOR MORE INFORMATION.
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FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
[Symbol]	EXISTING SUBMERGED TANK CHAMBER 1/2" ON PARTITION TO REMAIN. SEE SCHEDULE FOR MORE INFORMATION.
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[Symbol]	EXISTING SUBMERGED TANK CHAMBER 1/2" ON PARTITION TO REMAIN. SEE SCHEDULE FOR MORE INFORMATION.

KEY PLAN



Company



Date: 03-11-2013
 App. No. 03-11-2013
 Date: 03-11-2013

McKinley Elementary School
 Modernization Project
 Santa Monica - Malibu Unified School District
 2401 Santa Monica Boulevard Santa Monica, California 90404

Rev. Date: 1-9-2017
 Issue: 03-11-2017

Rev. Date: 1-9-2017
 Issue: 03-11-2017

Building 'C' Second Floor Plan

Date: 9-22-2017
 Scale: As shown
 Drawn By: DM
 Checked By:

AC212

Appendix G

Summary of Lead-Containing Paint

MATERIAL INVENTORY

LEAD PAINT CHIP SAMPLES

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley ES

Page 1 of 4

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Door	01P	Wood	Beige	Room 70 north center	Doors and door casings all (interior)	270	No	NA
Downspout	08P	Metal	Beige	West center	Exterior downspout and gutter	55	No	NA
Glass window	13P	Glass	Beige	South west center	Exterior (lower glass)	1,900	No	NA
Door	14P	Wood	Pink	Southwest room 70	Exterior doors	730	No	NA
Summary from Alta 2016								
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

**MATERIAL INVENTORY
LEAD PAINT CHIP SAMPLES**

CLIENT: Santa Monica- Malibu USD
PROJECT NO: SMSD-17-7280
PROJECT NAME: McKinley ES

Page 2 of 4

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
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

Appendix H

XRF Lead Inspection Report, Instrument Calibration, and DHS 8552

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Inspection Date: 11/17/17
 Report Date: 1/5/2018
 Abatement Level: 0.8
 Report No. S#01184 - 11/17/17 18:19
 Total Readings: 73
 Job Started: 11/17/17 18:19
 Job Finished: 11/17/17 21:49

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm ²)	Mode
Exterior Building D									
031	A	Fence	Rgt		I	Metal	Pink	0.1	QM
032	B	Fascia			I	Metal	Beige	-0.1	QM
033	B	Overhang	Lft		I	Wood	Beige	-0.3	QM
023	C	Wall	L Lft		I	Stucco	Beige	0.4	QM
028	C	Supp Post	Rgt		I	Metal	Beige	-0.1	QM
026	D	Window	Ctr	Lft casing	I	Metal	Beige	-0.1	QM
025	D	Door	Lft	Lft casing	I	Metal	Brown	0.1	QM
024	D	Door	Lft	U Ctr	I	Wood	Pink	-0.1	QM
027	D	Painted Win	Ctr		I	Wood	Beige	0.0	QM
029	D	Downspout	Ctr		I	Metal	Beige	-0.1	QM
030	D	Gutter	Ctr		I	Metal	Beige	0.1	QM

Building D

Interior SE Girls Restrooms									
004	A	Floor	Lft		I	Ceramic	Beige	-0.1	QM
005	A	Floor	Ctr		I	Ceramic	White	-0.2	QM
006	B	Wall	U Lft		I	Ceramic	White	-0.4	QM

Interior SE Boys Restrooms									
007	A	Wall	U Rgt		I	Ceramic	White	-0.2	QM
009	A	Baseboard	Rgt		I	Ceramic	White	-0.3	QM
008	C	Floor	Lft		I	Ceramic	Beige	-0.2	QM

Interior NW Girls Restrooms									
012	A	Baseboard	Lft		I	Ceramic	White	-0.2	QM
011	A	Floor	Ctr		I	Ceramic	Beige	-0.2	QM
010	D	Wall	U Lft		I	Ceramic	White	0.0	QM

Interior NW Boys Restrooms									
013	B	Wall	U Ctr		I	Ceramic	White	-0.5	QM
017	C	Door	Rgt	Lft casing	I	Wood	Beige	-0.1	QM
016	C	Door	Rgt	U Ctr	I	Wood	Beige	0.0	QM
014	D	Floor	Ctr		I	Ceramic	Beige	-0.3	QM
015	D	Baseboard	Ctr		I	Ceramic	White	-0.1	QM

Interior Room 71									
021	B	Cabinet	Lft		I	Wood	Beige	0.1	QM
022	D	Wall	U Ctr		I	Wall Board	Beige	-0.3	QM

020	D	Window	Ctr	Lft casing	I	Metal	Brown	-0.3	QM
019	D	Door	Lft	Lft casing	I	Metal	Brown	-0.1	QM
018	D	Door	Lft	U Ctr	I	Wood	Beige	-0.1	QM

Building A

Interior Restrooms

036	A	Wall	U Ctr		I	Ceramic	Tan	>9.9	QM
034	A	Floor	Ctr		I	Ceramic	Tan	0.0	QM
037	B	Wall	U Ctr		I	Ceramic	Tan	>9.9	QM
035	D	Floor	Rgt		I	Ceramic	Tan	-0.1	QM

Building C

Interior SW Boys Restrooms

038	A	Wall	U Lft		I	Ceramic	Tan	>9.9	QM
040	A	Wall	U Ctr		I	Ceramic	Tan	8.8	QM
039	D	Floor	Ctr		I	Ceramic	Brown	-0.1	QM

Interior NW Boys Restrooms

041	A	Wall	U Lft		I	Ceramic	Beige	9.1	QM
042	B	Wall	U Ctr		I	Ceramic	Beige	>9.9	QM
043	D	Floor	Rgt		I	Ceramic	Beige	-0.2	QM

Interior NE Girls Restrooms

044	A	Wall	U Lft		I	Wall Board	Lt Brown	-0.1	QM
045	A	Wall	U Lft		I	Ceramic	Brown	-0.2	QM
046	B	Ceiling			I	Wall Board	Lt Brown	-0.4	QM
048	C	Wall	U Ctr		I	Ceramic	Red	-0.3	QM
049	C	Wall	U Ctr		I	Ceramic	Beige	-0.1	QM
047	C	Floor	Ctr		I	Ceramic	Brown	-0.5	QM

Interior NE Boys Restrooms

050	A	Wall	U Ctr		I	Ceramic	Brown	-0.4	QM
051	A	Wall	U Ctr		I	Ceramic	Red	-0.3	QM
052	A	Wall	U Ctr		I	Ceramic	Beige	-0.3	QM
057	A	Ceiling			I	Wall Board	Lt Brown	-0.1	QM
056	C	Wall	U Ctr		I	Wall Board	Lt Brown	0.1	QM
055	C	Floor	Ctr		I	Ceramic	Beige	-0.5	QM
054	C	Floor	Rgt		I	Ceramic	Red	-0.3	QM
053	C	Floor	Ctr		I	Ceramic	Brown	-0.5	QM

Interior SE Boys Restrooms

059	A	Floor	Ctr		I	Ceramic	Tan	-0.2	QM
058	D	Wall	U Lft		I	Ceramic	Beige	>9.9	QM

Interior SE Girls Restrooms

061	C	Floor	Ctr		I	Ceramic	Tan	-0.3	QM
060	D	Wall	U Ctr		I	Ceramic	Beige	>9.9	QM

Interior Nurse Restrooms

062	A	Wall	U Rgt		I	Ceramic	Beige	8.8	QM
063	A	Floor	Rgt		I	Ceramic	Tan	-0.3	QM

Interior Staff Women's Restrooms

064	A	Wall	U Lft	I	Ceramic	Beige	>9.9	QM
065	A	Floor	Rgt	I	Ceramic	Tan	-0.3	QM

Interior Staff Men's Restrooms

066	A	Wall	U Lft	I	Ceramic	Tan	9.2	QM
068	B	Wall	U Ctr	I	Ceramic	Lt Brown	>9.9	QM
067	B	Floor	Ctr	I	Ceramic	Tan	-0.2	QM

Interior NE Staff Restrooms

069	A	Floor	Ctr	I	Ceramic	Tan	-0.1	QM
070	B	Baseboard	Lft	I	Ceramic	White	-0.3	QM

Calibration Readings

001							1.0	TC
002							1.1	TC
003							1.0	TC
071							0.7	TC
072							0.8	TC
073							0.9	TC

---- End of Readings ----

Calibration Check Test Results

Page 1 of 1

Address/Unit No. 2410 Santa Monica Blvd., Santa Monica, CA 90404

Device LPA-1

Date 11/17/2018

XRF Serial No.

1184

Contractor Alta Environmental

Inspector Name Victor Sanchez

Signature _____

NIST SRM Used 1.04 mg/cm2

Calibration Check Tolerance Used 0.3 mg/cm2

First Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading	1.03	0.007
1	1.1	1		

Second Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading	0.80	0.24
0.7	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		

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 11-17-2017

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

☒ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) _____

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] 2410 Santa Monica Blvd.		City Santa Monica	County Los Angeles	Zip Code 90405
Construction date (year) of structure	Type of structure ☐ Multi-unit building ☒ School or daycare ☐ Single family dwelling ☐ Other _____		Children living in structure? ☐ Yes ☒ No ☐ Don't know	

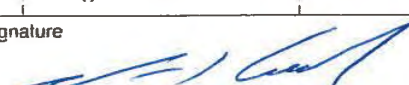
Section 4 — Owner of Structure (if business/agency, list contact person)

Name <u>SMUSD</u>		Telephone number	
Address [number, street, apartment (if applicable)] 1601 16th Street		City Santa Monica	State CA
			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 Victor Sanchez		Telephone number 562-495-5777	
Address [number, street, apartment (if applicable)] 3777 Long Beach Blvd.. Annex		City Long Beach	State CA
			Zip Code 90807
CDPH certification number <u>10148</u>	Signature 		Date <u>11/17/2017</u>

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 I

Alta Environmental Employee Certifications

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

Jorge Robles

Name

Certification No. **17-6028**

Expires on **11/14/18**



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

Sampling Technician 10/28/2018



Jorge Robles

ID #: 30025

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

Victor M Sanchez

Name

Certification No. **08-4470**

Expires on **01/15/18**

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

11/09/2017

Supervisor

11/09/2017

Project Monitor

11/09/2017



Victor M. Sanchez

ID #: 10148

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

Cesar Ruvalcaba



Name

Certification No. **95-1799**

Expires on **10/27/18**

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	01/16/2019
Project Monitor	01/16/2019



Cesar A. Ruvalcaba

ID #: 6855

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

James Charles Byers, Jr.



Name

Certification No. **106-4122**

Expires on **01/18/19**

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.

Appendix J

Previous Survey:

**Cape Environmental 1993,
CTL Environmental 2006,
Alta Environmental 2016**



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
3777 Long Beach Boulevard Annex Building
Long Beach CA 90807 United States of America
T 562 495 5777 F 562 495 5877
Toll-free (US only) 800 777-0605 altaenviron.com

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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Appendices

Appendix A: Field Bulk Sample list: Asbestos

Appendix B: Laboratory Analytical Report: Asbestos

Appendix C: Sample Location Map: Asbestos

Appendix D: Paint Chip Sample List: Lead

Appendix E: Laboratory Analytical Report: Lead

Appendix F: Sample Location Map: Lead

Appendix G: XRF Lead Inspection, Instrument Calibration, and DHS 8552

Appendix H: Alta Environmental Employee Certifications

Appendix I: Summary of Lead-Containing Paints

REPORTED: November 28, 2016

PROJECT NO.: SMSD-16-6281

CLIENT: Santa Monica-Malibu Unified School District
Facilities Improvements Projects
2828 4th 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/cm² 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:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Building B (Classrooms 109-210)				
12" Beige and White Floor Tile with Black mastic	B19, B20, B21	Basement Stairway	3% Chrysotile-Tile 5% Chrysotile- Mastic	50 sq.ft.
Building C (Auditorium/Classrooms)				
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.
Building E (Kindergarten)				
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/cm² 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/cm² (*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 ² /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 ²
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 ²
028, 138	XRF	Rail cap (stairs)	B and C stairways	White/intact	Wood	0.8, 2.9 mg/cm ²
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 ²
064	XRF	Door casing	A, west center exterior	White/intact	Wood	0.8 mg/cm ²
124	XRF	Truss	C interior metal structure	White/intact	Metal	0.8 mg/cm ²
135, 137	XRF	Stage and stage trim	C, Auditorium area	Green/intact	Wood	5.4, 6.9 mg/cm ²

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.

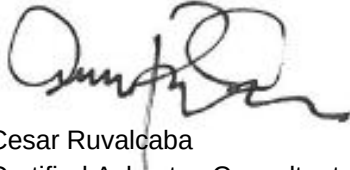
Material quantities are in some cases listed within this document. These quantities are not intended to be used for removal bidding purposes. Nor is this document intended as a contract manual. Work methods and sequence, coordination of participants, applicable codes, engineering controls, required submittals 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', with a stylized, flowing script.

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

Page 1 of 12

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

Building A (Cafeteria)

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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

Page 2 of 12

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

Page 3 of 12

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

Page 4 of 12

Building B (Classroom 109-210)

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
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
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" 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
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" 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

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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. Inaccessible 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**

Page 10 of 12

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" 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

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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**

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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
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				



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ENVIRONMENTAL

B

Asbestos Field Bulk Sample List

Client:

Project No.:

SMSD-16-6281

Project Name:

Mckinley ES

Technician:

Anthony V.

Date:

10/11/16

Page:

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of

3

Build B (Rms 109-210)

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
WP	fa	Yellow adhesive on Dark carpet tray	② - 1	Room 109 W center by exit	Room 109, 110, 108, 107 207, 208, 209, 210	4,000 sq ft	✓	✓
			- 2	Room 110 SE corner				
			- 3	Room 110 NE corner				
		4" Dark grey/blue coverse w/ adhesive	- 4	Room 109 W center by exit	Room 109, 110, 109A, 108 107, 8112, 207, 208, Hallways 2nd	2,800 sq ft	✓	✓
			- 5	Room 110 E center by entrance	Floor, 209, 210			
			- 6	Room 109A NW corner				
	Gray	kenelby compound (not Black Felt super in rm 109)	- 7	Room 109 W center by exit	Room 109, 110 Under carpet	1,000 sq ft	✓	✓
			- 8	Room 110 SE corner				
			- 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	✓	✓



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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 F.T. with mastic	B-11	R110 SE corner	Rm 109, 110, stairs/hallway, 107A		N	N
			-12	N C/T of E. Stairway/ Hallway	108, 107, 208, 207, 208A, 209			
		White Vinyl Sheet Floor. g	-13	110 SE	Rm 110	100 sq ft	N	N
		Black	-14	E C/T	Under carpet			
			-15	S C/T				
			-16	Doorway between 109, 110	Rm 110, 109, 108, 107, 207, 208	4,000 sq ft	N	N
		Black Felt Paper under carpet	-17	Room 109 W C/T by exit	209, 210			
			-18	108 Center				
	371-T 570-U 371-T 670-M	12' Beige Felt F.T. with Black mastic	-19	Basement stairway NE corner	Basement stairway	50 sq ft	N	Y
			-20	SE corner				



ALTA

ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.: 16-6281

Date: 10/11/16

Project Name: Mickelson ES

Page: 1

Building C (Auditorium/classroom)

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	12' Dark Blue FT with adhesive	C-1	Rm 100 S C/T by exit	100, 11	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	13,000 sq ft	N	N
			-5	Rm 101 C/T	105, Library Hallways, 85, Library			
			-6	Rm 102 S C/T by S exit				
		4' Black concrete w/ adhesive	-7	Rm 100 E C/T	100 Hallways	800 sq ft	N	N
			-8	Hallway 4 C/T 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 sink	100, Hallways, 102, 101, 103, 88, 105, 202 AB, 205, 206, 203, 202	15,000 sq ft	N	N
1625840-619	ND		-11	E Hallway N C/T by entrance to 102				
			-12	103 SE corner by sink				
		4' Blue concrete w/ adhesive	-13	12 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				



ALTA

ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Project No.:

Project Name: McKibben ES

Technician: Fabian Ruvalcaba

Date: 10/11/16

Page: 2 \$

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	Hallway btw 100/101	90 Sg 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 Sg ft	N	N
			-20	Rm 101 N CT entrance				
	37-T 34-M		-21	Rm 101 S C/T				
	ND	Brown flooring w/ Black felt paper	-22	Rm 102 S C/T Bx S ENT	Rm 102 S C/T , 103, Library, 105, 106, 206-205	5,000 Sg ft	N	N
			-23	Rm 102 N C/T 206 Bx plter C/T				
			-24	103 SE corner Bx 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 Sg ft	N	N
			-26	102 N C/T	104, All entry ways under Blue 12' FT			
			-27	105 N C/T	& Hallways, 105, 85, 106, 205, and adjacent hallway, 206, 205, 203, 200 A, B			
		10' dark Blue FT w/ adhesive	-28	Hallway C/T	E Hallway and Entry ways	100 Sg ft	N	N
			-29	S C/T				
			-30	SE corner				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.:

Date: 10/11/16

Project Name: McClunby EC

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Bc: add C

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	off beige cover w/ adhesive	C-31	Lobby w cfr	through principals office, asst principals office, main lobby, 83A, 83B, nurse office 83.	500 1/2 ft	N	✓
			-32	RM 83 Nurses off w/ cfr				
			-33	Principal office N/Cfr				
		Dark grey Vinyl Floorly	-34	83 A @ entrance	83A, Lobby, Nurse office, 83B	600 sq ft	N	✓
			-35	nurse office E cfr				
			-36	nurse office W/Cfr				
		Beige Vinyl floorly	-37	lobby w cfr in front of 84	Lobby	200 sq ft	N	✓
			-38	Lobby SE by exit				
			-39	Lobby cfr in front of desk				
	leveling compound	Dark adhesive for dense Brown carpet	-40	principals office cfr	principals office, asst principal, Lobby	1,500 sq ft	N	✓
			-41	Asst principal cfr				
			-42	Lobby cfr				
		12' LT Blue speckled Ft w/ adhesive	-43	84 Teacher room cfr	teachers Room	300 sq ft	N	✓
			-44	NE				
			-45	NW				

wood floorly



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD

Technician: Fabian Ruvalcaba

Project No.:

Date: 10/4/16

Project Name: McCluskey EC

Page: 5 4

Building C

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	Blue F? Under 12' LT Blue F?	-55	Teachers lounge CT	Teachers lounge under F?	800 sq ft	N	N
	↓		-56	NE	↓			
	↓		-57	NW	↓			
		Wood Flooring	Assumed	Auditorium		3,000 sq ft	N	N
	ND	12' Black tile w/ yellow stripe two layer	-58	105 C/T	105, 106 under carpet on Brown	1,800 sq ft	N	N
	↓		-59	106 C/T	left			
	↓		-60	105 SE				
	21-T 51-M	12' Dark green FT w/ Black stripe	-61	206A C/T	206A	300 sq ft	N	N
	21-T 31-M		-62	NE				
	↓		-63	NW				
	ND	Black Felt paper on Brown flooring	-64	205 C/T	205, 206, 203, 202.	5,400 sq ft	N	N
	↓		-65	206 C/T	↓			
	↓		-66	203 C/T	↓			



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ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: _____

Project No.: _____

Project Name: _____

Technician: _____

Date: _____

Page: _____

Anthony V.

10/11/16

1 of 1

Building E (Kindergarten)

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	N/D	12' Blue speckled FT w/ adhesive	E-1	71E E C/T under slat	71E, 72, 70, Lounge, Lounge Curriculum Laboratory, 71E, 710,	4,000 sq ft	N	N
			-2	73 W C/T by Exit				
			-3	70 NE corner Front of slat				
(under Tile/Carpet)		Beige tile FT w/ adhesive Mark C	-4	71E E C/T under slat	71E, 70, Lounge, Throughout Building Under Blk FT?	4,500 sq ft	N	N
	5% Tile 5% M		-5	70 NE corner Front of slat	carpet			
			-6	Curriculum Laboratory New cover by PR				
	N/D	Yellow adhesive for dark carpet	-7	73 C/T	73, Lounge, 70, 710	2,000 sq ft	N	N
		Gray	-8	73 E C/T				
			-9	Lounge C/T				
		4' Block concrete w/ adhesive	-10	71E E C/T under slat	71E, 73, Throughout Building, Curriculum Laboratory, 70,	600 sq ft	N	N

-12 73 E C/T
-12- lounge SC/T

Appendix B

Laboratory Analytical Report: Asbestos



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Alta Environmental
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Attn.: Cesar Ruvalcaba

Report Number 1626124

Date Received 11/22/2016

Date Analyzed 11/23/2016

Date Reported 11/23/2016

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.

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

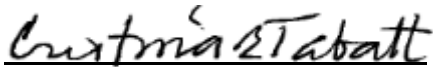
Total Samples 1

Test Report

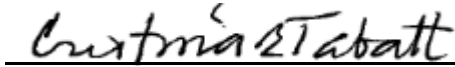
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1626124-001 C-11B	Bldg C Adhesive w/ Residual Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic Material Non-Asbestos Residue	26.51% 57.39% 16.10%	Chrysotile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



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Approved Signatory Cristina E. Tabatt


Lab Code 500044-0



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Report Number 1625837

Date Received 10/13/2016

Date Analyzed 10/18/2016

Date Reported 10/18/2016

Project Number

Project Name McKinley E.S. - Bldg A

Location Santa Monica

PO Number

WO Number

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-002 A-1B	Bldg A Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-004 A-2B	Bldg A Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-006 A-3B	Bldg A Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Report Number 1625837

Date Received 10/13/2016

Date Analyzed 10/18/2016

Date Reported 10/18/2016

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.

Project Number

Project Name McKinley E.S. - Bldg A

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 12

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-008 A-4B	Bldg A Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-009 A-5A	Bldg A 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-010 A-5B	Bldg A Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-011 A-6A	Bldg A 4" Covebase, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625837-012 A-6B	Bldg A Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Report Number 1625837

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Date Analyzed 10/18/2016

Date Reported 10/18/2016

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.

Project Number

Project Name McKinley E.S. - Bldg A

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 12

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components (%)	Asbestos Type (%)
-----------------------------	--------------------------------	----------------------	--------------------------------	----------------------

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





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Alta Environmental
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Attn.: Cesar Ruvalcaba

Report Number 1625838

Date Received 10/13/2016

Date Analyzed 10/19/2016

Date Reported 10/24/2016

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.

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

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-002 B-2	Bldg B Adhesive for Dark Gray Carpet, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-004 B-4A	Bldg B 4" Covebase, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-005 B-4B	Bldg B Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-006 B-5A	Bldg B 4" Covebase, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Report Number 1625838

Date Received 10/13/2016

Date Analyzed 10/19/2016

Date Reported 10/24/2016

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.

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

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-008 B-6A	Bldg B 4" Covebase, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	35% 65%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-009 B-6B	Bldg B Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-010 B-7	Bldg B Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	70% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-011 B-8	Bldg B Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	70% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-012 B-9	Bldg B Leveling Compound, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	70% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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



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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	(%)
1625838-019 B-13	Bldg B Vinyl Sheet Flooring, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-020 B-14	Bldg B Vinyl Sheet Flooring, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-021 B-15	Bldg B Vinyl Sheet Flooring, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-022 B-16A	Bldg B Sheet Vinyl Floor, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625838-023 B-16B	Bldg B Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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

Project Number

Project Name McKinley E.S. - Bldg B

Location Santa Monica

PO Number

WO Number

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



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Report Number 1625838

Date Received 10/13/2016

Date Analyzed 10/19/2016

Date Reported 10/24/2016

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.

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

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%
Asbestos Present: Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1625838-033 B-21B	Bldg B Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	95%	Chrysotile	5%
Asbestos Present: Yes		Total % Non-Asbestos:		95.0%	Total %Asbestos:	5.0%
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
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.

Cristina E. Tabatt

Analyst - Cristina Tabatt

Cristina E. Tabatt

Approved Signatory Cristina E. Tabatt





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Report Number 1625840

Date Received 10/13/2016

Date Analyzed 10/18/2016

Date Reported 10/18/2016

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.

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 108

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-002 C-1B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-003 C-2A	Bldg C 12" F.T., Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-004 C-2B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-005 C-3A	Bldg C 12" F.T., Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-006 C-3B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Date Received 10/13/2016

Date Analyzed 10/18/2016

Date Reported 10/18/2016

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-009 C-6	Bldg C Adhesive for Dark Carpet, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-010 C-7A	Bldg C 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-011 C-7B	Bldg C Adhesive, Cream, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-012 C-8A	Bldg C 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Name McKinley E.S. - Bldg C

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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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-014 C-9A	Bldg C 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-015 C-9B	Bldg C Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-016 C-10A	Bldg C 12" FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-017 C-10B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-018 C-11A	Bldg C 12" FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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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	(%)
1625840-019 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%
Asbestos Present: Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1625840-020 C-12A	Bldg C 12" FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-021 C-12B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-022 C-13A	Bldg C 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-023 C-13B	Bldg C Adhesive, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-024 C-14A	Bldg C 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Location Santa Monica

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



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Project Name McKinley E.S. - Bldg C

Location Santa Monica

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WO Number

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



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Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

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



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Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

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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	(%)
1625840-045 C-24B	Bldg C Felt Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-049 C-28A	Bldg C 10" FT, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-050 C-28B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Method of Analysis 40 CFR Part 763 Appendix E to Subpart E, EPA Method 600/M4-82-020; updated method 600 R-93/116
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Test Report

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



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Attn.: Cesar Ruvalcaba

Report Number 1625840

Date Received 10/13/2016

Date Analyzed 10/18/2016

Date Reported 10/18/2016

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

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



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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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-065 C-36A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-066 C-36B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-067 C-37A	Bldg C Vinyl Flooring, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-068 C-37B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-069 C-38A	Bldg C Vinyl Flooring, Dk. Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-070 C-38B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625840-072 C-39B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625840-076 C-43A	Bldg C 12" Speckled FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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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.

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

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Total Samples 108

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-078 C-44A	Bldg C 12" Speckled FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-079 C-44B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-080 C-45A	Bldg C 12" Speckled FT, Lt. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-081 C-45B	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binder/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-085 C-56B	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-087 C-57B	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders	3% 97%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-088 C-58A	Bldg C 12" FT-Top, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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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.

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 108

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-090 C-58C	Bldg C Adhesive, Beige, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-091 C-59A	Bldg C 12" FT-Top, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-092 C-59B	Bldg C 12" FT-Bottom, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-093 C-59C	Bldg C Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-094 C-60A	Bldg C 12" FT-Top, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Name McKinley E.S. - Bldg C

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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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-097 C-61A	Bldg C 12' FT, Dk. Green (Olive), Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 43%	Chrysotile	2%
Asbestos Present: Yes		Total % Non-Asbestos:		98.0%	Total %Asbestos:	2.0%
1625840-098 C-61B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	95%	Chrysotile	5%
Asbestos Present: Yes		Total % Non-Asbestos:		95.0%	Total %Asbestos:	5.0%
1625840-099 C-62A	Bldg C 12" FT, Dk. Green (Olive), Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 43%	Chrysotile	2%
Asbestos Present: Yes		Total % Non-Asbestos:		98.0%	Total %Asbestos:	2.0%
1625840-100 C-62B	Bldg C Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	97%	Chrysotile	3%
Asbestos Present: Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1625840-101 C-63A	Bldg C 12" FT, Dk. Green (Olive), Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	55% 43%	Chrysotile	2%
Asbestos Present: Yes		Total % Non-Asbestos:		98.0%	Total %Asbestos:	2.0%



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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%
Asbestos Present: Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos:	3.0%
1625840-103 C-64A	Felt Paper on Brown Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-104 C-64B	Adhesive, Dk. Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-105 C-65A	Felt Paper on Brown Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-106 C-65B	Adhesive, Brown/Yellow, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-107 C-66A	Felt Paper on Brown Flooring, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625840-108 C-66B	Adhesive, Dk. Brown/Yellow, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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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.

Project Number

Project Name McKinley E.S. - Bldg C

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 108

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.

Analyst - Cristina Tabatt

Approved Signatory Cristina E. Tabatt





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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.

Project Number

Project Name McKinley E.S. - Bldg E

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 21

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-002 E-1B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-003 E-2A	Bldg E 12" F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-004 E-2B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-005 E-3A	Bldg E 12" F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-006 E-3B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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

Report Number 1625839

Date Received 10/13/2016

Date Analyzed 10/19/2016

Date Reported 10/19/2016

Project Number

Project Name McKinley E.S. - Bldg E

Location Santa Monica

PO Number

WO Number

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625839-008 E-4B	Bldg E Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625839-009 E-5A	Bldg E F.T., Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 55%	Chrysotile	5%
Asbestos Present: Yes		Total % Non-Asbestos:		95.0%	Total %Asbestos: 5.0%	
1625839-010 E-5B	Bldg E Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	97%	Chrysotile	3%
Asbestos Present: Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos: 3.0%	
1625839-011 E-6A	Bldg E F.T., Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 55%	Chrysotile	5%
Asbestos Present: Yes		Total % Non-Asbestos:		95.0%	Total %Asbestos: 5.0%	
1625839-012 E-6B	Bldg E Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	97%	Chrysotile	3%
Asbestos Present: Yes		Total % Non-Asbestos:		97.0%	Total %Asbestos: 3.0%	
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Report Number 1625839

Date Received 10/13/2016

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Project Number

Project Name McKinley E.S. - Bldg E

Location Santa Monica

PO Number

WO Number

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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
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	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-016 E-10A	Bldg E 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-017 E-10B	Bldg E Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-018 E-11A	Bldg E 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-019 E-11B	Bldg E Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625839-020 E-12A	Bldg E 4" Covebase, Black, Homogeneous	LAYER 1 100%	Vinyl Binder/ Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Attn.: Cesar Ruvalcaba

Report Number 1625839

Date Received 10/13/2016

Date Analyzed 10/19/2016

Date Reported 10/19/2016

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.

Project Number

Project Name McKinley E.S. - Bldg E

Location Santa Monica

PO Number

WO Number

Date Sampled 10/11/2016

Sampled By F. Ruvalcaba

Total Samples 21

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625839-021 E-12B	Bldg E Adhesive, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
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
562-206-2770 Tel
562-206-2773 Fax
services@AQenvlabs.com

(Lab) Order No. 1625837 + m 1625840

CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:		
Company	Alta Environmental	Same Day ☐	Fedex ☐	Web	☐	
Address	3777 Long Beach Blvd	1 Day ☐	UPS ☐	Email	☐	
City/State/Zip	Long Beach CA	2 Day ☐	USPS ☐	Fax	☐	
Contact	C. Ruvalcaba	3 Day ☐	Drop Off ☐	Verbal	☐	
Office Phone		5 Day ☒	Drop Box ☐	Mail	☐	
Cell		Weekend ☐	Other ☐	Pick up	☐	
Fax		Special Instructions:				
Email	BS E 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 ☒	NIOSH 7400A ☐	Spore Trap ☐	Air	☐		
PLM 400 Pt. Count (<0.25%) ☐	NIOSH 7400B ☐	Tape Lift ☐	Paint	☐		
PLM 1000 Pt. Count (<0.1%) ☐	w/ TWA ☐	Bulk Sample ☐	Wipe	☐		
		Swab ☐	Soil	☐		
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
A-1	12" Green w/white streaks f.t. w/ Adhesive	Bldg A	10-11-16			
2						
3						
4	4" Black Couch w/ Adhesive					
5						
6						
B-1	Yellow Adhesive for Dark Gray Carpet	Bldg B				
2						
3						
4	4" Dark Blue Couch w/ Adhesive					
Relinquished By: [Signature]		Received By: [Signature]				
Date/Time: 10-12-16 9:30 PM		Date/Time: 10/13/16 08:00				
Relinquished By:		Received By:				
Date/Time:		Date/Time:				

CHAIN OF CUSTODY

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562-206-2770 Tel
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Company: Alfa Laval
Project Number: _____
Project Name: McKinley F.S.

(Lab) Order No. 1625837 thm
1625840

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop 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 sparked F.T. w/ Adhesive					
11						
12	↓					
13	white vinyl sheet flooring					
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 Mastic under cap					
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: _____



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Project Name:

(Lab) Order No. 1625837 thru
1625840

[illegible]

Date/Time:

Date/Time:



CHAIN OF CUSTODY

1508 E. 33rd Street
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562-206-2770 Tel
562-206-2773 Fax
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Company: Alta Environmental
Project Number: _____
Project Name: McMurry 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>
Relinquished By: _____	Received By: _____
Date/Time: _____	Date/Time: _____



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Company: Alta Environmental
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	Buddy C	6/11/16			
C-22	Brown flooring 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 cowbake w/ adhesive					
C-32						
C-33						
C-34	Dark grey vinyl flooring					
C-35						
C-36						
C-37	Beige vinyl flooring					
C-38						
C-39						
C-40	lowboy compound for dark carpet					

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

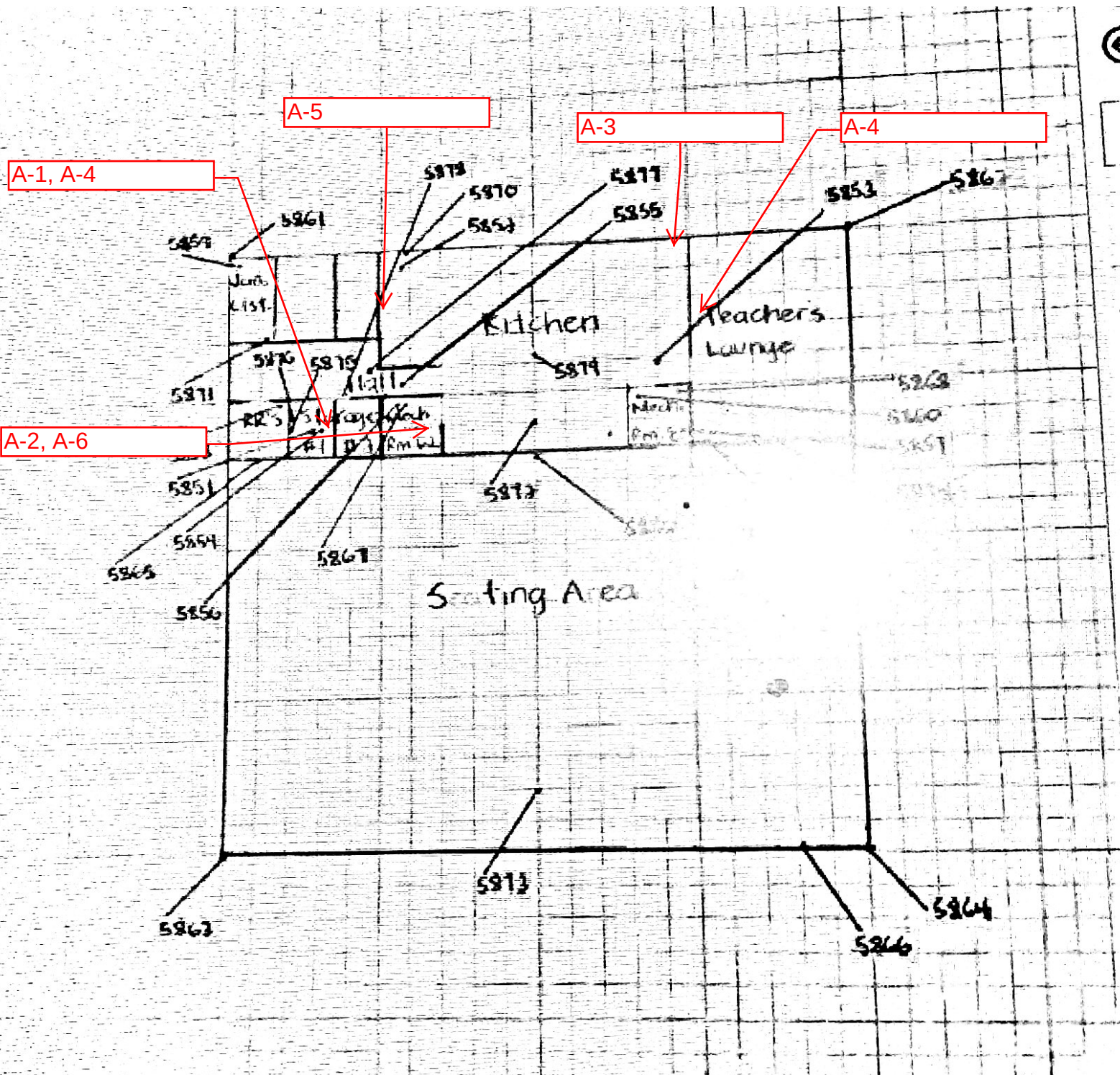
SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
C-41	heavy compound low dust carpet	Buddy C	10/11/16			
C-42						
C-43	12' LT Blue speckled FT w/ adhesive					
C-44						
C-45						
46	Not used					
47						
48						
49						
50						
51						
52						
53						
54						
55	Blue FT under 12' LT Blue FT					
56						
57						
58	12' Black Aft w/ yellow glue two layer					
59						
60						

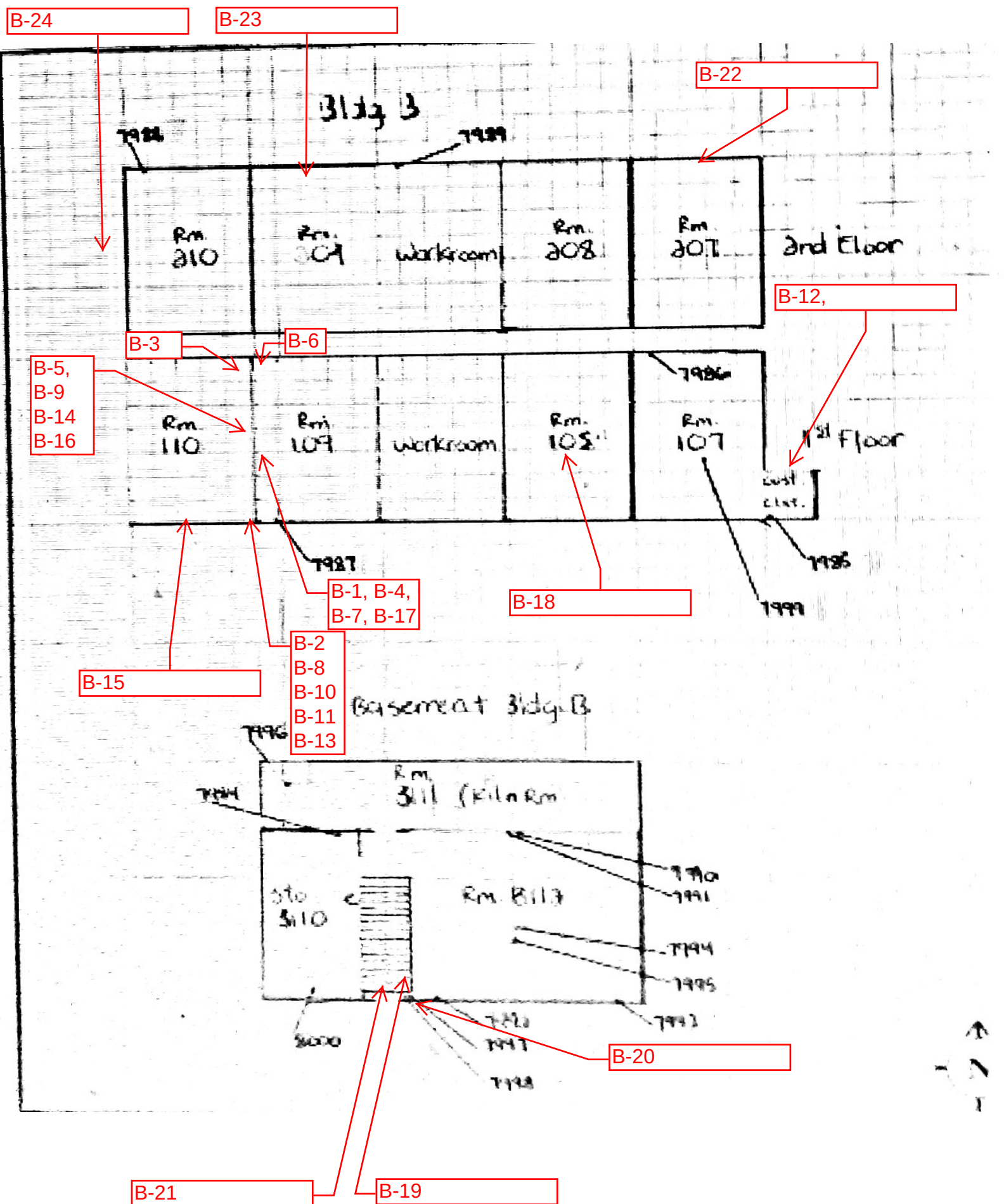
Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>10-11-16</u>	Date/Time: <u>10/13/16 08:00</u>
Relinquished By: _____	Received By: _____
Date/Time: _____	Date/Time: _____

Appendix C

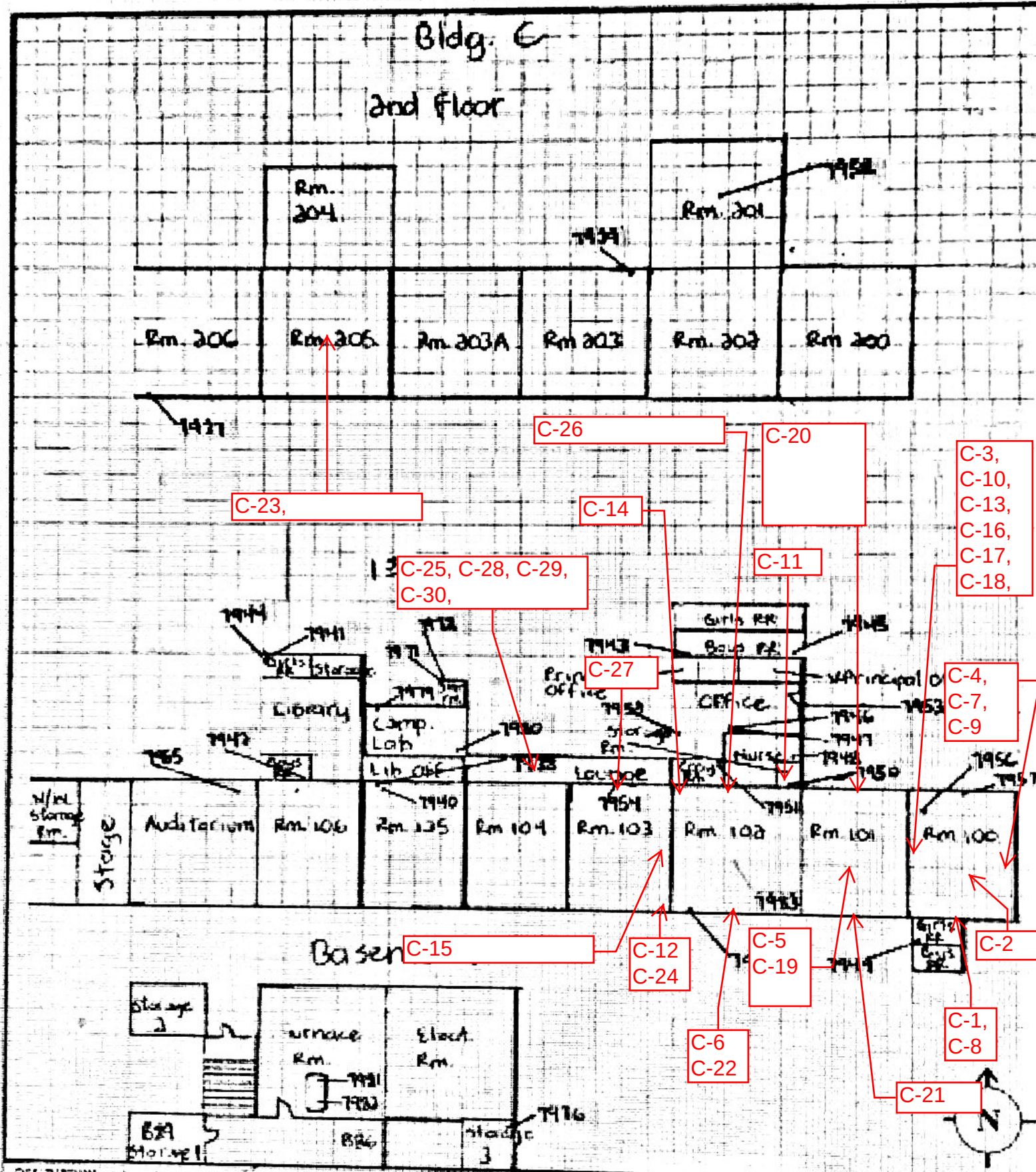
Sample Location Map: Asbestos

Building A





2nd floor



RESISTANCE TO CHANGE

Bldg. C 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,

C-34

C-31, C-37,

C-44

C-56

C-45, C-57,

C-43

C-55

C-39, C-42,

C-32, C-36,

C-35

C-58

C-60

C-38,

C-59

Basement

Storage 2

Wardrobe Rm.

Elect. Rm.

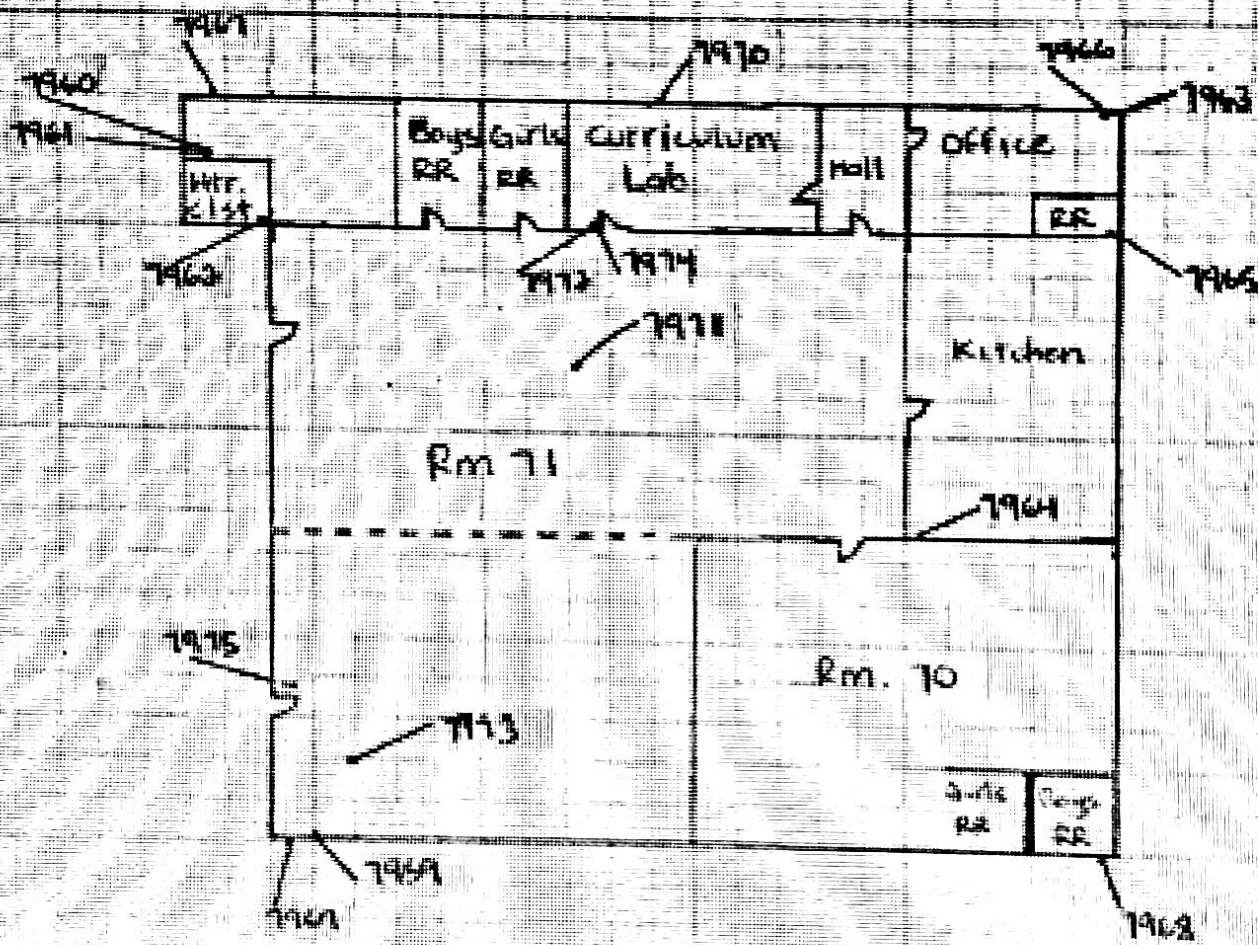
Storage 1

Storage 3



DESCRIPTION

Bldg. E Kindergarten



Appendix D

Paint Chip Sample List: Lead

MATERIAL INVENTORY

LEAD PAINT CHIP SAMPLES

Page 1 of 2

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**

Page 2 of 2

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



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Paint Chip Sample List

Client: Sammy

Project No.: _____

Project Name: Mckenley F.S.

Technician: F. Ruvalcaba

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	pos by XRF	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			Set	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 XRF	wood	wh. Tr	# 8, 12, 18	Interw. Bldg B, C	N	
	48	Wall	PC-7	plaster	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	Room 208-N/E	(Door/cases) Bldg B-Room Dividing walls	N	
		Note:	Bldg B - Header closet are unpainted laminate						N
							Panels	N	



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Paint Chip Sample List

Client: Samuelson

Project No.: _____

Project Name: McKinley E-S.

Technician: F. Luvaleke

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/W	Bldg B, C	N	
		Stair Top Rail Cap	PC-10	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/E	Bldg B Exterior - Bldg B A, E, C	N	
	260	Gutter	13	Metal	1	Bldg B - N/E	Exterior - Gutter/Downspout	N	
	1500	Facade	14	Wood	white	Bldg C - W/E	Bldg B, A, E, C Exterior - Bldg B, E, C	N	
	449	Handrail	15	Metal	Pink	Bldg C - S/E	Exterior - Bldg B, A, E C	N	
	5700	Door	16	Metal	Pink	Bldg B - W/E	Exterior - Bldg B, A, E C, Interior at Bldg C	N	
	448	Door 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/E	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	



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Paint Chip Sample List

Client: Sumner

Project No.: _____

Project Name: McKinley & S.

Technician: F. Kuznetsov

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, L	N	
	495	Wall	21	Plaster	Black 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, L	N	
	520	Wall	23	Plaster	White	Bldg A - Kitchen N/W	Bldg A - Kitchen Area	N	
		Door to case	for but XFF	wood	↓	H-64	Bldg A - West & Center (Ext. view)	Yes	2 sq ft
	310	Wood case	24	Metal	White	Bldg E - Ext. S/E	Bldg E - Ext. Inter	N	
	830	Door	25	wood	Pink	* - Ext. S/E	Ext. - Bldg E, L Inter at Bldg C	N	
	448	Wall	26	wood	White	* - S/E	Ext. - Bldg E South shed	N	
	449	Ceiling	27	↓	↓	* - S/E	Bldg E - Walkway	N	
	55	Post	28	Metal	White	↓ - S/W	↓	N	



Client: Sarna, P

Project No.:

Project Name:

Technician: F. Kuralbayev

Date: 10-26-16

Page: 4 of 4

[illegible]

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



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Report Number: 1625854

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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

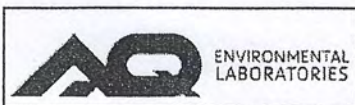
CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Aldo Environmental	Same Day ☐	Fedex ☐	Web ☐
Address	3777 Lag Beach Blvd	1 Day ☐	UPS ☐	Email ☒
City/State/Zip	Lag Beach Ca	2 Day ☐	USPS ☐	Fax ☐
Contact	C. Ruvalec	3 Day ☐	Drop Off ☒	Verbal ☐
Office Phone		5 Day ☒	Drop Box ☐	Mail ☐
Cell		Weekend ☐	Other ☐	Pick up ☐
Fax		Special Instructions:		
Email				

PROJECT INFORMATION	
Project Name:	McKinley E.S.
Project Number:	
Location:	South Monterey
PO Number:	
Work Order No.:	
Sampled By:	C. Ruvalec

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

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
pc-1	not used		10-11-16			
2	Door metal white					
3	Door wood white					
4	Door wood white					
5	Door wood white					
6	Baseboard wood blue					
7	Baseboard wood white					
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:	Signature	Received By:	Signature
Date/Time:	10-14-16 1200 PM	Date/Time:	10/17/16 08:00
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: Marking 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 case Case metal white					
19	Pipe metal - white					
20	Flashing Metal white					
21	Wall Plaster green					
22	Firecabinet 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 PM</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
ROSALLES B7 SDC 2-5
LE B6 2ND
HAHN/LOWE B5 ART/CHILDCARE
Villasenor/P.T. B4 MUSIC/CREST/OT

KITCHEN
CAFETERIA

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

TREVENFELS 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				

LIBRARY

CONFERENCE ROOM KING/SNOW CASTELLANO
WIENER LITERACY COACH

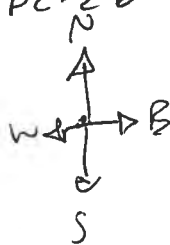
AUDITORIUM MUSIC	CURRY 106 1ST	MOORE 105 K	PLASENCIA 103 K	BORENSTEIN 102 TK	TERCERO 101 COUNSELING	ROSS 100 1ST GRADE
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DAVIES 204 RESOURCE	HEATON 205 4TH	TAO 203A PSYCHOLOGIST	LONGO 203 5TH	FRIEDMAN 201 RESOURCE	SINFELD 202 4TH & 5TH	GOUGE 200 SPEECH
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Custodial Closets
Restrooms

OFFICE
HEALTH OFFICE

LAND OLLIFF SUGASAWARA PRESCHOOL CHILDCARE
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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 ²)	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
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
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
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
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
Interior Room 011 E-BRR									
084	B	Wall	L Ctr		I	Drywall	White	-0.5	QM
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
Interior Room 013 E-kitchen									
089	A	Wall	L Ctr		I	Drywall	White	-0.2	QM
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
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

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
-----	---	---------	--	--	---	---------	-------	------	----

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

10-4-16

Site: McKendry E.C. Bldg 18 Unit: 2 Project # _____

ROOM EQUIVALENT: 109 INSPECTOR: _____

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall	A B <u>C</u> D	L R <u>C</u>	W DW <u>P</u> M C B S CE	P F <u>C</u>	White
5	Wall <u>Door</u>	A B <u>C</u> D	<u>C</u> R C	W DW P <u>C</u> C B S CE	P F <u>C</u>	
6	Wall <u>Core</u>	A B <u>C</u> D	<u>C</u> R C	W DW P <u>C</u> C B S CE	P F <u>C</u>	
7	Wall <u>Transom</u>	A B <u>C</u> D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	
8	Window frame	A B <u>C</u> D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	
9	Door	A B C D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	White
10	Door casing	A B <u>C</u> D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	
11	Door jamb <u>Wall</u>	A B C <u>D</u>	L R <u>C</u>	W DW P M C B S CE	P F <u>C</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 <u>Window frame</u>	A B <u>C</u> D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	Green
13	Wall	A B C D	L R <u>C</u>	W DW <u>P</u> M C B S CE	P F <u>C</u>	Green
14	Wall <u>Baseboard</u>	A B <u>C</u> D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</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 +

Number	Component	Wall	Location	Substrate	Condition	Color
15	Wall	A B <u>C</u> D	L <u>C</u> C	W DW <u>P</u> M C B S CE	P F <u>C</u>	Yellowish
16	Wall <u>Door</u>	A B C D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	Pink
17	Wall <u>Core</u>	A B C D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	
18	Wall <u>Window frame</u>	A B C <u>D</u>	L R <u>C</u>	W DW P M C B S CE	P F <u>C</u>	Brown
	Baseboard <u>Wall</u>	A B C D	<u>C</u> R C	W DW P M C B S CE	P F <u>C</u>	White
20	Door	A B C <u>D</u>	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	White
21	Door casing	A B C <u>D</u>	L <u>C</u> C	W DW P M C B S CE	P F <u>C</u>	Blue
	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: 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 I	White
23	Wall Base	A B C D	L R C	W DW P M C B S CE	P F I	White
24	Wall	A B C D	R C	W DW P M C B S CE	P F I	White
25	Wall Headrail	A B C D	R C	W DW P M C B S CE	P F I	White
26	Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	White
27	Baseboard Wall Trim	A B C D	R C	W DW P M C B S CE	P F I	White
28	Door Stair Up Rail	A B C D	L R C	W DW P M C B S CE	P F I	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 I	Blue
30	Wall	A B C D	R C	W DW P M C B S CE	P F I	White
31	Wall	A B C D	L R C	W DW P M C B S CE	P F I	Yellow
32	Wall Dow	A B C D	R C	W DW P M C B S CE	P F I	White
33	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 I	White
35	Wall Window Frame	A B C D	L R C	W DW P M C B S CE	P F I	White
36	Wall Baseboard	A B C D	L R C	W DW P M C B S CE	P F I	Blue
38	Wall Wall	A B C D	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:

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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 <u>C</u> D	L <u>R</u> C	W DW P M C B <u>S</u> CE	P F <u>C</u>	white
39	Wall <u>Door</u>	A B <u>C</u> D	L <u>R</u> C	W DW P <u>M</u> C B S CE	P F <u>C</u>	Pink
40	Wall <u>Stucco</u>	A B <u>C</u> D	L <u>R</u> C	W DW P <u>M</u> C B S CE	P F <u>C</u>	↓
41	Wall <u>Downspout</u>	<u>C</u> B C D	<u>A</u> R C	W DW P <u>M</u> C B S CE	P F <u>C</u>	white
42	Wall <u>Gutter</u>	<u>C</u> B C D	<u>A</u> R C	W DW P <u>M</u> C B S CE	P F <u>C</u>	↓
43	Baseboard <u>Wall</u>	<u>C</u> B C D	<u>A</u> R C	W DW P <u>M</u> C B S CE	P F <u>C</u>	↓
44	Door <u>Handrail</u>	<u>C</u> B <u>C</u> D	L R <u>C</u>	W DW P <u>M</u> C B S CE	P F <u>C</u>	Pink
45	Door casing <u>balcon</u>	<u>C</u> B C D	L R <u>C</u>	<u>C</u> W DW P M C B S CE	P F <u>C</u>	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: Window case and frame unpainted aluminum.

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	
		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	
		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 Flashing	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	A B C D	L R C	W DW P M C B S CE	P F O	↓
51	Baseboard	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	A B C D	L R C	W DW P M C B S CE	P F O	pink
	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: Scrub 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 Door	A B C D	L R C	W DW P M C B S CE	P F O	white
56	Wall	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

Project #

ROOM EQUIVALENT: <u>fy tenn</u>			INSPECTOR: _____			Project # _____	
Number	Component	Wall	Location	Substrate	Condition	Color	
94	Wall	A B <u>C</u> D	L <u>C</u> C	W DW P M C B <u>C</u> CE	P F <u>C</u>		
95	Wall <u>Don</u>	A B <u>C</u> D	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	White	
96	Wall <u>Scarp</u>	A B <u>C</u> D	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	Pink	
97	Wall <u>Gutter</u>	A B <u>C</u> D	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	Pink	
98	Baseboard <u>Don</u>	A B <u>C</u> D	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	Pink	
99	Door <u>Hand rail</u>	A B <u>C</u> D	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	White	
100	Door <u>ceiling</u>	A B <u>C</u> D	L R <u>C</u>	W DW P <u>C</u> C B S CE	P F <u>C</u>	Pink	
101	Door <u>lamb</u>	A B <u>C</u> D	L <u>C</u> C	W DW P <u>C</u> C B S CE	P F <u>C</u>	Pink	
102	Ceiling	A B <u>C</u> D	L R <u>C</u>	W DW P <u>C</u> C B S CE	P F <u>C</u>	Pink	
103	Window <u>ceiling</u>	A B <u>C</u> D	L R <u>C</u>	W DW P <u>C</u> C B S CE	P F <u>C</u>	White	
104	Window <u>sash</u>	A B C <u>C</u>	L R <u>C</u>	W DW P M C B <u>C</u> CE	P F <u>C</u>	White	
	Cabinets	A B C D	L R <u>C</u>	W DW P M C B S CE	P F <u>C</u>	White	
		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: <u>windows : frame unpainted alum.</u>							
ROOM EQUIVALENT: <u>walk way</u>							
Number	Component	Wall					
105							

ROOM EQUIVALENT:					
Number	Component	Wall	Location	Substrate	
105	Wall	B C D	L R C	W DW P M C B S CE	P F I
106	Wall plaster	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
107	Baseboard stair	A B C D	L R C	W DW P M C B S CE	P F I
108	Door	A B C D	L R C	W DW P M C B S CE	P F I
109	Door casing	A B C D	L R C	W DW P M C B S CE	P F I
110	Door jamb	A B C D	L R C	W DW P M C B S CE	P F I
111	Ceiling wall	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
		A B C D	L R C	W DW P M C B S CE	P F I
Notes:					

ROOM EQUIVALENT:		Main Entry Extra				W DW P M C B S CE				P F I	
Number	Component	Wall	Location	Substrate	Condition	Color					
112	Wall Gate	A B C D	L R	W DW P M C B S CE	P F						
113	Wall wall	A B C D	L R	W DW P M C B S CE	P F	Pink					
114	Wall Area	A B C D	L R	W DW P M C B S CE	P F	White					
115	Wall Entry	A B C D	L R	W DW P M C B S CE	P F						
	Baseboard	A B C D	L R C	W DW P M C B S CE	P F						
	Door	A B C D	L R C	W DW P M C B S CE	P F						
	Door casing	A B C D	L R C	W DW P M C B S CE	P F						
	Door jamb	A B C D	L R C	W DW P M C B S CE	P F						
	Ceiling	A B C D	L R C	W DW P M C B S CE	P F						
	Window casing	A B C D	L R C	W DW P M C B S CE	P F						
	Window sash	A B C D	L R C	W DW P M C B S CE	P F						
	Cabinets	A B C D	L R C	W DW P M C B S CE	P F						
		A B C D	L R C	W DW P M C B S CE	P F						
		A B C D	L R C	W DW P M C B S CE	P F						
		A B C D	L R C	W DW P M C B S CE	P F						
Notes:		A B C D	L R C	W DW P M C B S CE	P F						
		A B C D	L R C	W DW P M C B S CE	P F						

W = Wood

DW = Drywall

P = Plaster

M = Metal

C = Concrete

B = Brick

SIDE IDENTIFICATION: Sides 1, 2, 3, 4

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

North side
Address side
Entrance to unit

ROOM EQUIVALENT: Rm 100

Unit: 1

Project # _____

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	Green
120	Wall window frame	B C D	R C	W DW P M C B S CE	P F O	White
121	Wall Door	B C D	R C	W DW P M C B S CE	P F O	Blue
122	Wall Lase	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	
	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	
		A B C D	L R C	W DW P M C B S CE	P F I	

Notes: Under windows All heater closets are unpainted sheet laminate panels

ROOM EQUIVALENT: 61R

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 w/nd	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	L R C	W DW P M C B S CE	P F O	White
130	Door jamb	B C D	L R C	W DW P M C B S CE	P F O	Blue
131	Ceiling L case	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	

Notes: _____

ROOM EQUIVALENT: Aud. room

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	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

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

Calibration - 0.8 116
- 0.8 117
- 0.9 118

ROOM EQUIVALENT: Stairway (Center)

Project # _____

Number	Component	Wall	Location	INSPECTOR:	Substrate	Condition	Color
138	Wall Stair rail cap	A B C D	L R C		DW P M C B S CE	P F I	
139	Wall Handrail	A B C D	L R C		W DW P M C B S CE	P F I	
140	Wall Window frame	A B C D	L R C		DW P M C B S CE	P F I	White
141	Wall Wall	A B C D	L R C		W DW P M C B S CE	P F I	
142	Stair Tread	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: 206

Number	Component	Wall	Location	Substrate	Condition	Color
143	Wall	A B C D	L R C	DW P M C B S CE	P F I	
144	Wall Window frame	A B C D	L R C	W DW P M C B S CE	P F I	Blue
145	Wall Door	A B C D	L R C	W DW P M C B S CE	P F I	
146	Wall Door	A B C D	L R C	W DW P M C B S CE	P F I	White
147	Baseboard Door	A B C D	L R C	W DW P M C B S CE	P F I	
148	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

149 - Calibrated - 1.3

150 - - 1.2

151 - - 1.1

Calibration Check Test Results

Page 1 of 1

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 FR

NIST SRM Used 1.04 mg/cm2

Calibration Check Tolerance Used 0.3 mg/cm2

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?	
	☐ Multi-unit building ☒ School or daycare		☐ Yes ☒ No	
	☐ Single family dwelling ☐ Other		☐ 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 • 800-969-3228



Important Industry Contacts

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

CDPH/CLPPB: Ph# (510) 620-5600
Web: 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

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. Homer
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**

Page 1 of 1

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



AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

March 13, 2007

CTL Environmental Services
Attn: Cesar Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

RE: CTL Environmental Services
Job Number 907031315
P.O. # 107-0008
107-0008; Mckinley E.S.; SMMUSD

Dear Cesar Ruvalcaba:

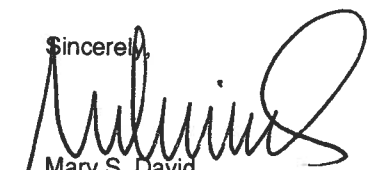
Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, March 07, 2007, for a 5 day turnaround:

Sample ID 5851 through 7975

The 123 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Mary S. David
Client Services Manager

**AmeriSci Los Angeles**

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

CTL Environmental Services
Attn: Cesar Ruvalcaba
24404 S. Vermont Ave.
Suite 307
Harbor City, CA 90710

Date Received 03/07/07**Date Examined** 03/13/07**AmeriSci Job No.** 907031315**P.O. #** 107-0008**Page** 1 of 26**RE** 107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5851	907031315-01	No	NAD
Location: 12" Acoustical Tile			(by CVES)
Description: Brown, Heterogeneous, Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Cellulose 90 %, Non-fibrous 10 %			
5882	907031315-02	No	NAD
1	Location: Rough Plaster Ceiling		(by CVES)
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5853	907031315-03	No	NAD
1	Location: Rough Plaster Ceiling		(by CVES)
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5854	907031315-04	No	NAD
1	Location: Rough Plaster Ceiling		(by CVES)
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5855	907031315-05	No	NAD
1	Location: Rough Plaster Ceiling		(by CVES)
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5868 4	907031315-18 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5869 4	907031315-19 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5870 4	907031315-20 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5871 4	907031315-21 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5872	907031315-22L1 Location: 12X12 Green With White Streaks Flr. Tile & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Green, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
5872	907031315-22L2 Location: 12X12 Green With White Streaks Flr. Tile & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5873	907031315-23L1	No	NAD
Location: 12X12 Green With White Streaks Flr. Tile & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Green, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5873	907031315-23L2	No	NAD
Location: 12X12 Green With White Streaks Flr. Tile & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Cellulose 2 %, Non-fibrous 98 %			
5874	907031315-24L1	No	NAD
Location: 4in. Black Covebase & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Black, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5874	907031315-24L2	No	NAD
Location: 4in. Black Covebase & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5875	907031315-25	No	NAD
Location: Drywall			(by CVES) by Raymundo Orozco on 03/13/07
Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
5876 5	907031315-26	No	NAD
Location: Drywall Joint Compound			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5877 5	907031315-27 Location: Drywall Joint Compound	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5878 5	907031315-28 Location: Drywall Joint Compound	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5879	907031315-29 Location: 2X4 Drywall Ceiling Panel	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 40 %, Fibrous glass 40 %, Non-fibrous 20 %			
5880	907031315-30 Location: 12" Acoustical Wall Tile	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 90 %, Non-fibrous 10 %			
7995	907031315-31 Location: 12X12 Fissured Ceiling Tile	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 90 %, Non-fibrous 10 %			
7996	907031315-32 Location: Yellow Hot Brick	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5862 3	907031315-12 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5863 3	907031315-13 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5864 3	907031315-14 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5865 4	907031315-15 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5866 4	907031315-16 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5867 4	907031315-17 Location: Smooth Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5856 2	907031315-06 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5857 2	907031315-07 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5858 2	907031315-08 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5859 2	907031315-09 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5860 2	907031315-10 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Synthetic fibers 3 %, Non-fibrous 97 %			
5861 3	907031315-11 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client Name: CTL Environmental Services

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7997	907031315-33L1	Yes	3 %
Location: 12X12 Brown Flr. Tile & Mastic			(by CVES)
Description: Brown, Homogeneous, Non-Fibrous, Floor Tile			by Raymundo Orozco
Asbestos Types: Chrysotile 3.0 %			on 03/13/07
Other Material: Non-fibrous 97 %			
7997	907031315-33L2	Yes	5 %
Location: 12X12 Brown Flr. Tile & Mastic			(by CVES)
Description: Black, Homogeneous, Non-Fibrous, Mastic			by Raymundo Orozco
Asbestos Types: Chrysotile 5.0 %			on 03/13/07
Other Material: Non-fibrous 95 %			
7998	907031315-34L1	Yes	2 %
Location: 12X12 White Flr. Tile & Mastic			(by CVES)
Description: Beige, Homogeneous, Non-Fibrous, Floor Tile			by Raymundo Orozco
Asbestos Types: Chrysotile 2.0 %			on 03/13/07
Other Material: Non-fibrous 98 %			
7998	907031315-34L2	Yes	5 %
Location: 12X12 White Flr. Tile & Mastic			(by CVES)
Description: Black, Homogeneous, Non-Fibrous, Mastic			by Raymundo Orozco
Asbestos Types: Chrysotile 5.0 %			on 03/13/07
Other Material: Non-fibrous 95 %			
7999	907031315-35	No	NAD
Location: Floor Barrier Paper			(by CVES)
Description: Black, Heterogeneous, Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Cellulose 80 %, Non-fibrous 20 %			
8000	907031315-36	Yes	35 %
Location: 6in. Pipe Insulation			(by CVES)
Description: White, Heterogeneous, Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types: Chrysotile 10.0 %, Amosite 25.0 %			on 03/13/07
Other Material: Non-fibrous 65 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7984 6	907031315-37 Location: Rough Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7985 6	907031315-38 Location: Rough Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7986 6	907031315-39 Location: Rough Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7987 6	907031315-40 Location: Rough Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7988 6	907031315-41 Location: Rough Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7989 6	907031315-42 Location: Rough Plaster Walls	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7990	907031315-43	No	NAD
Location: Drywall			(by CVES) by Raymundo Orozco on 03/13/07
Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
7991	907031315-44	No	NAD
7	Location: Drywall Joint Compound		(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
7992	907031315-45	No	NAD
7	Location: Drywall Joint Compound		(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
7993	907031315-46	No	NAD
7	Location: Drywall Joint Compound		(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
7994	907031315-47	No	NAD
	Location: Carpet Glue		(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige/Blue, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Synthetic fibers 70 %, Non-fibrous 30 %			
7936	907031315-48	No	NAD
8	Location: Rough Plaster Wall		(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7937 8	907031315-49 Location: Rough Plaster Wall	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7938 8	907031315-50 Location: Rough Plaster Wall	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7939 9	907031315-51 Location: Rough Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7940 9	907031315-52 Location: Rough Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7941 10	907031315-53 Location: Smooth Plaster Wall	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7942 10	907031315-54 Location: Smooth Plaster Wall	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7943 10	907031315-55 Location: Smooth Plaster Wall	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7944 11	907031315-56 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7945 11	907031315-57 Location: Smooth Plaster Ceiling	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7956	907031315-58 Location: 12X12 Gray Speckled Flr Tile	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7957	907031315-59L1 Location: 4in Dark Green Covebase & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Heterogeneous, Fibrous, Carpet Asbestos Types: Other Material: Synthetic fibers 90 %, Non-fibrous 10 %			
7957	907031315-59L2 Location: 4in Dark Green Covebase & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose 2 %, Synthetic fibers 3 %, Non-fibrous 95 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7958	907031315-60	No	NAD
Location: Carpet Barrier Paper			(by CVES) by Raymundo Orozco on 03/13/07
Description: Brown, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 90 %, Non-fibrous 10 %			
7946	907031315-61	No	NAD
Location: Drywall			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige/Brown, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
7947 12	907031315-62	No	NAD
Location: Drywall Joint Compound			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
7948 12	907031315-63	No	NAD
Location: Drywall Joint Compound			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
7949 12	907031315-64	No	NAD
Location: Drywall Joint Compound			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
7950 12	907031315-65	No	NAD
Location: Drywall Joint Compound			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7951 12	907031315-66 Location: Drywall Joint Compound	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7952	907031315-67L1 Location: 12X12 Light Blue Speckled Flr. Tile & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
7952	907031315-67L2 Location: 12X12 Light Blue Speckled Flr. Tile & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Leveling Compound Asbestos Types: Other Material: Non-fibrous 100 %			
7953	907031315-68L1 Location: 4in Dark Green Covebase & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Black, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %			
7953	907031315-68L2 Location: 4in Dark Green Covebase & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
7954	907031315-69L1 Location: 12X12 Blue Speckled Floor Tile & Glue	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7954	907031315-69L2	No	NAD
Location: 12X12 Blue Speckled Floor Tile & Glue			(by CVES)
Description: Yellow, Homogeneous, Non-Fibrous, Mastic			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Cellulose 2 %, Synthetic fibers 3 %, Non-fibrous 95 %			
7955	907031315-70	No	NAD
Location: 2X2 Fissured Ceiling Panel			(by CVES)
Description: Grey, Heterogeneous, Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Cellulose 80 %, Non-fibrous 20 %			
7976	907031315-71	Yes	35 %
Location: 6in Dia. Pipe Insulation Debris			(by CVES)
Description: White, Heterogeneous, Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types: Chrysotile 30.0 %, Amosite 5.0 %			on 03/13/07
Other Material: Non-fibrous 65 %			
7977	907031315-72	No	NAD
Location: Drywall			(by CVES)
Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Cellulose 10 %, Non-fibrous 90 %			
7978	907031315-73	No	NAD
13	Location: Drywall Joint Compound		(by CVES)
Description: White, Homogeneous, Non-Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
7979	907031315-74	No	NAD
13	Location: Drywall Joint Compound		(by CVES)
Description: White, Homogeneous, Non-Fibrous, Bulk Material			by Raymundo Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7980 13	907031315-75 Location: Drywall Joint Compound	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7981	907031315-76 Location: Hot Brick	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7982	907031315-77 Location: Furnace Debris	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7983	907031315-78L1 Location: Brown Flooring Material With Barrier Paper	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 30 %, Non-fibrous 70 %			
7983	907031315-78L2 Location: Brown Flooring Material With Barrier Paper	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			
7983	907031315-78L3 Location: Brown Flooring Material With Barrier Paper	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Black, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 70 %, Non-fibrous 30 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5847 14	907031315-79 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5848 14	907031315-80 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5849 14	907031315-81 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5838 15	907031315-82 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5839 15	907031315-83 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5840 15	907031315-84 Location: Stucco	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5841 15 Location: Stucco	907031315-85	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5842 15 Location: Stucco	907031315-86	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
5843 Location: 12X12 Gray Flr Tile	907031315-87L1	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
5843 Location: 12X12 Gray Flr Tile	907031315-87L2	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5843 Location: 12X12 Gray Flr Tile	907031315-87L3	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Homogeneous, Non-Fibrous, Leveling Compound Asbestos Types: Other Material: Non-fibrous 100 %			
5844 Location: Carpet Glue	907031315-88L1	No	NAD (by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Heterogeneous, Fibrous, Carpet Asbestos Types: Other Material: Synthetic fibers 90 %, Non-fibrous 10 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5844	907031315-88L2	No	NAD
Location: Carpet Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5845	907031315-89L1	No	NAD
Location: 4in Dark Blue Covebase & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5845	907031315-89L2	No	NAD
Location: 4in Dark Blue Covebase & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5846	907031315-90	No	NAD
Location: 2X4 Fissured Ceiling Panel			(by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 50 %, Fibrous glass 30 %, Non-fibrous 20 %			
5850	907031315-91	No	NAD
Location: Drywall			(by CVES) by Raymundo Orozco on 03/13/07
Description: Beige, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 3 %, Non-fibrous 97 %			
5823	907031315-92	No	NAD
Location: 2X4 Fissured Ceiling Panel			(by CVES) by Raymundo Orozco on 03/13/07
Description: Grey, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 50 %, Fibrous glass 30 %, Non-fibrous 20 %			

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5824	907031315-93L1	No	NAD
Location: 12X12 Blue Speckled Flr Tile & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5824	907031315-93L2	No	NAD
Location: 12X12 Blue Speckled Flr Tile & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Cellulose 2 %, Non-fibrous 98 %			
5825	907031315-94L1	No	NAD
Location: 4in Dark Blue Covebase & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Blue, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5825	907031315-94L2	No	NAD
Location: 4in Dark Blue Covebase & Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5826	907031315-95	No	NAD
Location: Carpet Glue			(by CVES) by Raymundo Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 2 %, Non-fibrous 98 %			
5827	907031315-96	No	NAD
Location: Drywall			(by CVES) by Raymundo Orozco on 03/13/07
Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5828	907031315-97	No	NAD
Location: Drywall			(by CVES) by Raymundo Orozco on 03/13/07
Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
5829	907031315-98	No	NAD
16	Location: Drywall Joint Compound		(by CVES) by Raymundo Orozco on 03/13/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5830	907031315-99	No	NAD
16	Location: Drywall Joint Compound		(by CVES) by Raymundo Orozco on 03/13/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5831	907031315-100	No	NAD
16	Location: Drywall Joint Compound		(by CVES) by Raymundo Orozco on 03/13/07
Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5832	907031315-101L1	No	NAD
	Location: 4in Brown Covebase & Glue		(by CVES) by Miguel Orozco on 03/13/07
Description: Black, Homogeneous, Non-Fibrous, Basecove			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
5832	907031315-101L2	No	NAD
	Location: 4in Brown Covebase & Glue		(by CVES) by Miguel Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5833	907031315-102L1	No	NAD
Location: 12X12 Gray Speckled Flr Tile & Glue			(by CVES)
Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			by Miguel Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5833	907031315-102L2	No	NAD
Location: 12X12 Gray Speckled Flr Tile & Glue			(by CVES)
Description: Yellow, Homogeneous, Non-Fibrous, Mastic			by Miguel Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5834	907031315-103L1	No	NAD
Location: 4in Tan Covebase & Glue			(by CVES)
Description: Brown, Homogeneous, Non-Fibrous, Basecove			by Miguel Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5834	907031315-103L2	No	NAD
Location: 4in Tan Covebase & Glue			(by CVES)
Description: Beige/Brown, Heterogeneous, Fibrous, Mastic			by Miguel Orozco
Asbestos Types:			on 03/13/07
Other Material: Cellulose 25 %, Non-fibrous 75 %			
5835	907031315-104L1	No	NAD
Location: 12X12 Light Blue Speckled Floor Tile & Glue			(by CVES)
Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			by Miguel Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			
5835	907031315-104L2	No	NAD
Location: 12X12 Light Blue Speckled Floor Tile & Glue			(by CVES)
Description: Yellow, Homogeneous, Non-Fibrous, Mastic			by Miguel Orozco
Asbestos Types:			on 03/13/07
Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5836	907031315-105L1 Location: Beige Floor Sheeting	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Beige/Grey, Heterogeneous, Fibrous, Linoleum Asbestos Types: Other Material: Cellulose 20 %, Fibrous glass 2 %, Non-fibrous 78 %			
5836	907031315-105L2 Location: Beige Floor Sheeting	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
5836	907031315-105L3 Location: Beige Floor Sheeting	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Brown, Heterogeneous, Fibrous, Wood Chips Asbestos Types: Other Material: Cellulose 98 %, Non-fibrous 2 %			
5837	907031315-106L1 Location: 6in Beige Covebase & Glue	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
5837	907031315-106L2 Location: 6in Beige Covebase & Glue	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Cream, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
7959	907031315-107 Location: Drywall	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Brown/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 15 %, Non-fibrous 85 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7960	907031315-108	Yes	2 %
Location: Drywall Joint Compound			(by CVES)
Description: White, Homogeneous, Non-Fibrous, Bulk Material			by Miguel Orozco
Asbestos Types: Chrysotile 2.0 %			on 03/13/07
Other Material: Non-fibrous 98 %			
7961	907031315-109	Yes	2 %
17	Location: Drywall Joint Compound		(by CVES)
Description: White, Homogeneous, Non-Fibrous, Bulk Material			by Miguel Orozco
Asbestos Types: Chrysotile 2.0 %			on 03/13/07
Other Material: Non-fibrous 98 %			
7962	907031315-110		NA/PS
17	Location: Drywall Joint Compound		
Description: Bulk Material			
Asbestos Types:			
Other Material:			
7963	907031315-111		NA/PS
17	Location: Drywall Joint Compound		
Description: Bulk Material			
Asbestos Types:			
Other Material:			
7964	907031315-112		NA/PS
17	Location: Drywall Joint Compound		
Description: Bulk Material			
Asbestos Types:			
Other Material:			
7965	907031315-113		NA/PS
17	Location: Drywall Joint Compound		
Description: Bulk Material			
Asbestos Types:			
Other Material:			

See Reporting notes on last page

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7966 18 Location: Stucco	907031315-114	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7967 18 Location: Stucco	907031315-115	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7968 18 Location: Stucco	907031315-116	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7969 18 Location: Stucco	907031315-117	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7970 18 Location: Stucco	907031315-118	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7971 Location: 2X4 Fissured Ceiling Panel	907031315-119	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Grey/White, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 45 %, Fibrous glass 35 %, Non-fibrous 20 %			

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
7972	907031315-120L1 Location: 4in Brown Covebase & Glue	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Brown, Homogeneous, Non-Fibrous, Basecove Asbestos Types: Other Material: Non-fibrous 100 %			
7972	907031315-120L2 Location: 4in Brown Covebase & Glue	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
7973	907031315-121 Location: Carpet Glue	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 2 %, Non-fibrous 98 %			
7974	907031315-122 Location: 12" Yellow Speckled Flr Tile	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
7975	907031315-123 Location: 12" Blue Speckled Flr. Tile	No	NAD (by CVES) by Miguel Orozco on 03/13/07
Description: Blue, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

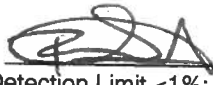
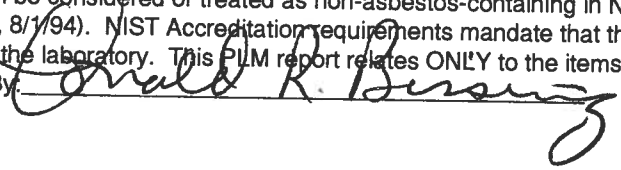
See Reporting notes on last page

PLM Bulk Asbestos Report

107-0008; Mckinley E.S.; SMMUSD

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
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Reporting Notes:

Analyzed By: Raymundo Orozco ; Date Analyzed: 3/13/2007 3/13/07
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). MIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.
Reviewed By:  3.13.2007

Asbestos Analysis Chain of Custody

AMERISCI JOB #:

907031315

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: CTL		ADDRESS:						P.O.#:		
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME						AIR FILTER INFORMATION:	
			RUSH	24 HR	48 HR	72 HR	5 DAY	OTHER		
JOB NAME: McKinley ES.		TEM AHERA							MCE	
		TEM EPA LEVEL II							PC	
JOB NUMBER: 707-6008		TEM DUST MICROVAC							25 mm	
		TEM BULK							37 mm	
JOB MANAGER: Cesar Ruvalcaba		PCM							0.45 um	
		PLM BULK							0.80 um	
JOB DESCRIPTION: SUMMARY		PLM 1000 P.C.							TEMP:	
		OTHER:							OTHER:	

INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY		RETURN SAMPLES YES ☐ NO ☐	
REPORTS TO:		PHONE:	
INVOICE TO:		FAX:	
COMMENTS:		EMAIL:	
		PAGER/CELL:	

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X LITERS /MIN. = TOTAL VOLUME	DATE COLLECTED
5851	12" ACOUSTIC TILE				
5852	ROUGH PLASTER CEILING		STOP AT FIRST POS.		\$19.
5853					
5854					
5855					
5856	SMOOTH PLASTER CEILING		STOP AT 1ST POS.		\$19.
5857					
5858					
5859					
5860					
5861	STUCCO		STOP AT FIRST POS.		\$19.
5862					
5863					
5864					
5865	SMOOTH PLASTER WALLS				
5866					
5867					
5868					
5869					
5870-5871					

SAMPLED BY: VILTON S. MULLER		DATE/TIME:		RECEIVED BY:		DATE/TIME:	
RELINQUISHED BY: [Signature]		DATE/TIME: 3-7-07		RECEIVED BY:		DATE/TIME:	
RELINQUISHED BY:		DATE/TIME:		RECEIVED IN LAB BY: [Signature]		DATE/TIME: 3.7.2007 @ 13:30	

Asbestos Analysis Chain of Custody

AMERISCI JOB #:

907081815

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: CTL		ADDRESS:					P.O.#:	
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME					AIR FILTER INFORMATION:
			RUSH	24 Hr	48 Hr	72 Hr	5 DAY	
JOB NAME: McKinley ES		TEM AHERA						MCE
		TEM EPA LEVEL II						PC
JOB NUMBER: 107-0008		TEM DUST MICROVAC						25 mm
		TEM BULK						37 mm
JOB MANAGER: Cesar Rivalcaba		PCM						0.45 um
		PLM BULK					✓	0.80 um
JOB DESCRIPTION: SAMPUSD		PLM 1000 P. C.						TEMP:
		OTHER:						OTHER:
INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY					RETURN SAMPLES YES ☐ NO ☐			
REPORTS TO:					PHONE:			
INVOICE TO:					FAX:			
COMMENTS:					EMAIL:			
					PAGER/CELL:			
SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X LITERS /MIN.	TOTAL VOLUME	DATE COLLECTED		
5872	12x12 green with white streaks flr tile & glue							
5873	1							
5874	4 in. black cohes & glue							
5875	2x2 white ceramic tile Drywall							
5876	Drywall joint compound							
5877	1							
5878	1							
5879	2x4 drywall ceiling panel.							
5880	12" Acoustical wall tile.							
7995	12x12 Fissured ceiling tile							
7996	yellow bot brick							
7997	12x12 brown flr tile & mastic							
7998	12x12 white flr tile & mastic							
7999	FLOOR barrier paper							
8000	6 in. Pipe insulation.							
7984	rough plaster walls							
7985								
7986								
7987								
7988 & 7989								
SAMPLED BY: VICTOR SANCHEZ		DATE/TIME:	RECEIVED BY:		DATE/TIME:			
RELINQUISHED BY: [Signature]		DATE/TIME: 3-7-07	RECEIVED BY:		DATE/TIME:			
RELINQUISHED BY:		DATE/TIME:	RECEIVED IN LAB BY: [Signature]		DATE/TIME: 3-7-2007 @ 12:30			

Asbestos Analysis Chain of Custody

AMERISCI JOB #:

907031315

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: CTL		ADDRESS:						P.O.#:		
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME						AIR FILTER INFORMATION:	
			RUSH	24 HR	48 HR	72 HR	5 DAY	OTHER		
JOB NAME: Mukinley ES.		TEM AHERA							MCE	
		TEM EPA LEVEL II							PC	
JOB NUMBER: 107-0008		TEM DUST MICROVAC							25 mm	
		TEM BULK							37 mm	
JOB MANAGER: Cesar Rivalcaba		PCM							0.45 um	
		PLM BULK							0.80 um	
JOB DESCRIPTION: SUMUSD		PLM 1000 P.C.							TEMP:	
		OTHER:							OTHER:	

INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY

RETURN SAMPLES YES _____ NO _____

REPORTS TO:

PHONE:

INVOICE TO:

FAX:

COMMENTS:

EMAIL:

PAGER/CELL:

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X LITERS /MIN. = TOTAL VOLUME	DATE COLLECTED
7990	drywall				
7991	drywall joint compound		STOP 7:50	POS. # 11%	
7992					
7993					
7994	carpet glue				
7996	ROUGH PLASTER WALL		STOP 2:50	POS. # 16%	
7937					
7938					
7939	ROUGH PLASTER ceiling				
7940					
7941	SMOOTH PLASTER wall				
7942					
7943					
7944	SMOOTH PLASTER ceiling				
7945					
7956	12x12 gray speckled tile				
7957	4in. dark green caulk & glue.				
7958	carpet barrier paper				

SAMPLED BY: VICTOR SANCHEZ	DATE/TIME:	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME: 3-7-07	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED IN LAB BY: M. P. ROO	DATE/TIME: 3-7-2007 @ 13:30

Asbestos Analysis Chain of Custody

AMERISCI JOB #:

907031315

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: CTL		ADDRESS:						P.O.#:	
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME						AIR FILTER INFORMATION:
			RUSH	24 HR	48 HR	72 HR	5 DAY	OTHER	
JOB NAME: McKinley E.S.		TEM AHERA							MCE
		TEM EPA LEVEL II							PC
JOB NUMBER: 107-0008		TEM DUST MICROVAC							25 mm
		TEM BULK							37 mm
JOB MANAGER: Cesar R. Bullock		PCM							0.45 um
		PLM BULK							0.80 um
JOB DESCRIPTION: SUMUSD		PLM 1000 P.C.							TEMP:
		OTHER:							OTHER:
INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY						RETURN SAMPLES YES ☐ NO ☐			
REPORTS TO:						PHONE:			
INVOICE TO:						FAX:			
COMMENTS:						EMAIL:			
						PAGER/CELL:			
SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME	LITERS /MIN.	TOTAL VOLUME	DATE COLLECTED		
7946	drywall								
7947	drywall joint compound								
7948	I								
7949									
7950									
7951									
7952		12x12 light blue speckled flr tile @ glue.							
7953	4in dark green core base @ glue								
7954	12x12 blue speckled floor tile @ glue								
7955	2x2 fissured ceiling panel								
7976	6in dia. pipe insulation debris.								
7977	drywall								
7978	drywall joint compound								
7979	I								
7980									
7981		140T brick							
7982	furnace debris								
7983	brown flooring material with hammer paper								
SAMPLED BY: Victor Sanchez		DATE/TIME: 3-5-07		RECEIVED BY: _____		DATE/TIME:			
RELINQUISHED BY: _____		DATE/TIME: 3-7-07		RECEIVED BY: _____		DATE/TIME:			
RELINQUISHED BY: _____		DATE/TIME:		RECEIVED IN LAB BY: _____		DATE/TIME: 3-7-2007 @ 13:30			

Asbestos Analysis Chain of Custody

AMERISCI JOB #:

907031315

AMERISCI LOS ANGELES

24416 S Main St. Suite 308

Carson, CA 90745

Phone (310) 834-4868

Fax (310) 834-4772

COMPANY: CTL		ADDRESS:						P.O.#:	
PROJECT INFORMATION		ANALYSIS TYPE	TURNAROUND TIME						AIR FILTER INFORMATION:
			RUSH	24 HR	48 HR	72 HR	5 DAY	OTHER	
JOB NAME: McKinley E.S.		TEM AHERA							MCE
		TEM EPA LEVEL II							PC
JOB NUMBER: 107-0008		TEM DUST MICROVAC							25 mm
		TEM BULK							37 mm
JOB MANAGER: Cesar Rivalcaba		PCM							0.45 um
		PLM BULK							0.80 um
JOB DESCRIPTION: SMMUSD		PLM 1000 P.C.							TEMP:
		OTHER:							OTHER:

INITIAL RESULTS DELIVERY: ☐ FAX ☐ EMAIL ☐ VERBAL ☐ MAIL ONLY

RETURN SAMPLES YES ☐ NO ☐

REPORTS TO:

PHONE:

INVOICE TO:

FAX:

COMMENTS:

EMAIL:

PAGER/CELL:

SAMPLE ID	SAMPLE LOCATION	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL = VOLUME	DATE COLLECTED
7959	Drywall						
7960	Drywall						
7961	Drywall joint compound						
7962							
7963							
7964							
7965							
7966	STUCK						
7967							
7968							
7969							
7970							
7971	2x4 fissured ceiling panel						
7972	4in brown caulked edge						
7973	carpet glue						
7974	12" yellow speckled fur tile						
7975	12" blue speckled fur tile						

SAMPLED BY: VICTOR SANCHEZ	DATE/TIME:	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME: 3-7-07	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED IN LAB BY: MTC	DATE/TIME: 3-7-2007 @ 13:30

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMUSD
 PROJECT NO.: 1070008
 PROJECT NAME: Neckmley E-S

Technician: N. Sanchez
 Date: 3-5-03
 Page: 1 of 4

Bldg A
cafeteria

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12" ACOUSTICAL tile	5851	Storage 1 CTN	Storage 1 & 2, teachers dining rm.	900 59.0 FT	N	N
	rough plaster ceiling	M0808	✓	kitchen & hall above suspended ceiling Storage 1 & 2, teachers dining rm.	2660 59.0 FT	N	N
		5852	kitchen NW				
		5853	kitchen S/E				
		5854	Storage 1 CTN				
		5855	Hall CTN.				
	smooth plaster ceiling	M1105		office mech rooms EAST & WEST	1200 59.0 FT	N	N
		5856	mech rm west p/west.	cafeteria, RR'S			
		5857	mech rm EAST S/E				
		5858	RR'S N/E				
		5859	cafeteria rm p/w.				
	gray dust compound	5860	EAST mech rm NW	EAST mech rm.	5 59.0 FT	N	N

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMHUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: McKinley E-S

Bldg A

Technician: V. Sander
 Date: 3-5-07
 Page: 2 of 4

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	STUCCO	MC1305		Ext walls	5000 sq. ft	N	N
		5861	N/W				
		5862	N/E				
		5863	S/W				
		5864	S/E				
	smooth Plaster wall)	5865	seating area N/W	seating area mechrms ENST & west RR's kitchen, teachers lounge & office	9500 sq. ft	N	N
		5866	seating area S/E				
		5867	mechrms west N/W				
		5868	mechrms EAST N/E				
		5869	teachers lounge S/W				
		5870	kitchen N/W				
		5871	Jan RM S/E				

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SHMUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: McKenley E.S.

Technician: VrSunder
 Date: 3-8-07
 Page: 3 of 4

Bldg A

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12X12 green with white streaks tile & glue	5872	Kitchen so. ctr.	seating area, kitchen, teachers lounge hall, Jan rm, storage 1, 2, & office	4800 sq. ft	N	N
		5873	seating area so. ctr.				
	4in black couchose & glue	5874	seating area N/E				
	2X2 Fissurel ceiling panel	Assumed	seating area	seating area	2500 sq. ft	Y	N
	Drywall	5875	Storage & west ctr	Storage 1, 2, & Hall	800 800 sq. ft	N	N
	Drywall Joint comp.	5876					
		5877	hall so. ctr.				
		5878	s Hall @ storage 2 entrance				
	2X4 drywall ceiling panel	5879	kitchen ctr	kitchen	1000 sq. ft		
	12" acoustic wall tile	5880	seating area so. ctr	Seating area & teacher lounge	1600 sq. ft	Y	N
	12" Acoustic wall tile glue	5881 assumed		seating area & teacher lounge		N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD
PROJECT NO.: 107-0008
PROJECT NAME: McKinley E-S

Technician: V. Sanchez
Date: 3-6-07
Page: 4 of 4

Bldg A
cafeteria

[illegible]

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMMUSD

PROJECT NO.: 107-0008

PROJECT NAME: Hickinley G.S

Bldg B.

Technician: N. Sanchez

Date: 3-5-07

Page: 1 of 3

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Rough Plaster walls	M0103			32,000	N	P
		7984	Storage ^{Basement} RM B110 N/E	Corridors, halls, work rooms, rooms 107-210 CUSTOMER RM, storage rm			
		7985	1ST FLR. CUSTOMER RM S/W.	B110			
		7986	RM 107 N/W				
		7987	RM 109 S/W.				
		7988	RM 210 N/W				
		7989	workroom 2nd Flr N/W.				
	Day wall	7990	RM B112 NO. CT2	RM B112 Basement	1000 sq. ft	N	N
	Day wall Joint comp	7991					
		7992	S/W				
		7993	S/E				
	Carpet glue	7994	RM B112 CT2 basement	RM B112 RMS 107-210	9500 sq. ft	N	N

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMHUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: McKinley E-S

Technician: V. Sanchez
 Date: 3-5-02
 Page: 2 of 3

Bldg B.

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	12x12 Fissured ceiling tile	7995	Rm B112 CT12	Rm B112.	900 sq. ft.	Y	N
	12x12 Fissured c. tile glue	Assumed	/	Rm B112	I	N	N
	Hot brick (yellow)	7996	kiln rm n/w	kiln rm (B111)	20 sq. ft.	Y	N.
	12x12 brown Fir tile & MASTIC	7997	Entrance TO basement level S/E	entrance to basement level	10 sq. ft.	N	N
	12x12 white Fir. tile & MASTIC	7998	↓	↓	10 sq. ft.	N	N
	Brown clay Roof tile barrier paper	Assumed	/	Roof	6000 sq. ft.	N	N
	Roof MASTIC	Assumed	/	roof penetrations	40 sq. ft.	N	N
	chalkboard.	Assumed	dry/erase	Rms 107-210	Bea	N	N
	12x12 light blue speckled Par tile	7952 bldgc	/	1st & 2nd Par corridors Rm 107-210 AT drinking fountains (sinks)	2000 sq. ft.	N	N
	4in dark green Cove base & glue	7957 bldgc	/	1st & 2nd Par corridors Rms 107-210 Rm B112.	1750 LI. FT	N	N
	Floor barrier paper	7999	Rm 107 CT12 (under carpet)	under Tan Linoleum & MASTIC Rm 107-110	5000 sq. ft.	N	N
	Tan linoleum & MASTIC	M3201 3203 3202	/	Rm 107-110	I	N	N

no window putty observed

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMHUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: McKinley ES

Technician: V. Sanchez
 Date: 3-5-07
 Page: 3 of 7

Bldg B

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Ext. stucco	M1303	Positive.	exterior walls	7500 sq. ft	N	N
	tan linoleum acoustic	M3203 3201 3204 3202	/	Rm 107-110 under carpet.	5000 sq. ft	N	N
	2x4 Pissured C. Panel smooth M0503	M3303 3301 3304 3302	/	Rm 107-210	7500 sq. ft	Y	N
	2x4 Pissured C. panel rough.	M0403	/	Rm 107-210	2400 sq. ft	Y	N
	12" Acoustical tile acoustic	M0603 M0703	/	12MS 107-210 corridors stairwells	16000 sq. ft	N	N
	Gypsum board and J.C.	M0201 0203 0204	/	Rms 107-210 north side laundry walls	1000 sq. ft	N	N
	crawl space is contaminated with pipe insulation, observed at S/W side and basement rms, B111 & B110.						
	6in Pipe insulation (TSI)	8000	Basement storage Rm B110 so. ctr	basement. storage rm B110	12 LI. FT.	Y	Y
	6in pipe insulation in B110 is damaged it goes into crawl space also debris observed in crawl space						
	no window patty observed. aluminum windows throughout.						

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMMUSD
 PROJECT NO.: McKinley E.S. 107 0008
 PROJECT NAME: McKinley E.S.

Bldg C

Technician: V-Sandee
 Date: 3-1-07
 Page: 1 of 6

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	STUCCO.	BY-B01 1302 1304	Positive	ext. walls	22000 89.75	N	N
	Rough Plaster wall	M0101 M0102 M0103 M0105			46000 39.75	N	N
		7936	Rm 102 S/W	ROOM 100-206 stairwells teachers lounge, copy rm, principals			
		7937	Rm 206 S/W.	assistant offices, auditorium, stage area & storage rms, library, back rm			
		7938	Room. 105 N/W.				
	Rough Plaster ceiling	M-08-01 M0809 M0802 M15-01 M0805		rooms 100-206 stairwells teachers lounge, copy rm, principal & assistant offices, main office, version office stage rms, auditorium, & storage rms library, back room	19000 39.75	N	P
		7939	Rm 203 N/E				
		7940	Rm. 105 N/W.				

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SHMUSD
 PROJECT NO.: 167-0008
 PROJECT NAME: McKinley E.S. Ricky C.

Technician: V. Sandoz
 Date: 3-1-07
 Page: 2 of 6

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	Smooth Plaster wall	M0301		Boys & Girls RNS All.	3650		
		M0363		Principals & Assistant offices.	59.75	N	N
		7941	N/W Girls RNS				
			N/W.				
		7942	N/W Boys RNS				
			S/E				
		7943	N/E Boys RNS				
			S/W.				
	Smooth Plaster ceiling	M1101		Boys & Girls RNS (All)	1900		
		M1102			59.75	N	N
		M1103					
		7944	N/W. Girls RNS				
			N/W.				
		7945	N/E Boys RNS				
			S/E ATT.				
	1X1 Acoustical tile & Mastil	0601		Main office area rms 102-206 Halls	17000		
		0602		corridors & stairwell. (Above ceiling panels)	59.75	N	N
				Library, kitchen,			
	284 lay-in ceiling panel fissured rough	0401		2nd Flr. rms 200-206.	4000		
		0402			59.75		

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMUVD
 PROJECT NO.: 1070008
 PROJECT NAME: Mchuley, E-S

Technician: V. Sunde
 Date: 3-01-07
 Page: 3 of 6

Bldg C

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	2x4 Lay in ceiling panel measured sample	7956	RM 100 N/W	rooms 102-206, and per hall main office nurses office, teachers lounge copy rm	13000 sq. ft	✓	N
	12x12 g rug speckled air tile	7956	RM 100 N/W	room 201, 204 & RM 100	900 sq. ft	N	N
	4 in dark green low pile glue	7957	RM 100 No CTN	RM 100 and , Principal office ASSIST. Principal office library back rm,	2650 sq. ft	N	N
	carpet burner paper	7958	Room 201 CTN.	Room 201, 202, 203, 204, 205 206	4800 sq. ft	N	N
	1'x1' decorative ceiling tile	06-01 06-04 07-01 07-02	rooms 102-206	rooms 102-206, main office nurses office teachers lounge, copy rm library, back rm			
	NOTE 2						

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SHAWD
 PROJECT NO.: 1070008
 PROJECT NAME: McKinley E.S.

Technician: N. Sunka
 Date: 3-01-07
 Page: 4 of 6

Bldg C

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	dry wall	7946	Main office SO. CTR.	main office, nurses office S/E RRS BY RM 100 nurses office RRS & storage rm	2500 sq. ft	P	P
	dry wall Joint comp.	7947		copy rm			
		7948	nurses office S/E				
		7949	S/E RRS, girls S/W.				
		7950	storage rm N/W				
		7951	computer rm, N/E				
	12x12 light blue speckled particle board	7952	Main office WEST CTR.	main office, nurses office RRS 100- 206 at sink area,	1850 sq. ft	N	N
404 ? dark green base of glue		7953	North entrance to main office	nurses office, teachers lounge hall, corridors RRS 100-206	2250 sq. ft	N	N
	12x12 blue speckled particle board	7954	teachers lounge SO. CTR.	teachers lounge, hall, main office	1450 sq. ft	N	N
	Brown mastic & mastic	M2101 M2102	N/W storage rm	N/W storage rm (behind stage)	200 sq. ft	N	N
	2x2 Fissured ceiling panel	7955	N/E Auditorium	Auditorium	2800 sq. ft	V	N.
	12" olive particle board	M301 M302		2nd Flr RM 206A	80 sq. ft	N	yes.

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMMD
PROJECT NO.: 2070008
PROJECT NAME: McHenry

Technician: V. Sander
Date: 3-1-07
Page: 5 of 6

[illegible]

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMUSD
 PROJECT NO.: 107-0008
 PROJECT NAME: McKuley E-S

Technician: V. Sanchez
 Date: 3-5-07
 Page: 6 of 6

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	6 in dia. Pipe insulation debris	7976	Basement level Storage #3 N/E side	debris on floor. directly under pipe	1 sq. ft.	Y	Y
	NOTE: visible debris on pipe located on concrete wall. Appears to run into crawlspace area. Also Basement level all run appear to be used as halloween haunted house, observed costumes & accessories.						
	drywall	7977	HTR RM S/W	HTR RM & computer rm	900 sq. ft.	N	N
	drywall joint comp.	7978					
		7979	comp. rm. n/w				
		7980	comp. rm S/E				
	Hot brick	7981	Furnace rm. @ Furnace unit	furnace rm.	40 sq. ft.	N	Y
	furnace debris	7982	furnace rm @ furnace unit.	furnace rm.	10 sq. ft.	X	Y
	Brown floor tile Flooring material with barrier paper	7983	RM 102 ctr.	RM 5 101 - 106 under carpet	6250 sq. ft.	N	N.
	ATTIC areas did not observed TSI piping did not go in attic areas just open hatches and took a look						

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SUMUSO
 PROJECT NO.: 107-0008
 PROJECT NAME: McHenry ES

Amberley

Technician: V. Sanchez
 Date: 3-1-02
 Page: 1 of 2

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	drywall	7959	s/w Rm 71	Above suspended ceiling & behind fiber boards, dividing walls	5000 sq. ft	N	N
				attic , N/W side not S/E side n/s of curriculum laboratory			
	drywall	7960	s/w. Janitors rm,	htr closet Jan rm, kitchen office and office n/s,	2000 sq. ft	N	N
	drywall toilet comp.	7961	I				
		7962	s/e htr closet				
		7963	N/E office				
		7964	s/w kitchen				
		7965	off office n/s				
		7966	s/e				
	stucco	7967	N/E	Exterior wall	4000 sq. ft		
		7968	N/W				
			S/E				
		7969	S/W				
		7970	NO. CTN				

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SAMUND
 PROJECT NO.: 1070008
 PROJECT NAME: McKenly E-S

Technician: V-Smuka
 Date: 3-1-07
 Page: 2 of 2

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	2x4 Fissural ceiling panel	7971	RM 71 CN	RM 70, RM 71, Curriculum office office kitchen,	2500 sq. ft	Y	N
	4 in brown concrete & ghe	7972	curriculum kitchen, Laboratory. S/W	RM 70, 71, Curriculum office office kitchen	250 sq. ft	N	N
	carpet ghe	7973	RM 71 S/W.	RM 71 carpeted area, office	500 sq. ft	N	N
	12" yellow speckled particle	7974	curriculum Laboratory S/W	curriculum Lab, hall, kitchen	900 sq. ft	N	N
	12" blue speckled particle	7975	SO. entrance to RM 71	RM 70 & 71 south entrance	350 sq. ft	N	N
	12" orange particle	41104	POSITIVE	RM 71 North end, RM 70 Northern half including carpeted area	1600 sq. ft	N	N
	Gray rolled on roof con	Assumed		ROOF	2500 sq. ft	N	N
	Roof Mastie	Assumed		Roof penetration	40 sq. ft	N	N
	Chalkboards	Assumed	dry/erase (few)	RMS 70 & 71	4 ea	N	N

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SAMUSD

PROJECT NO.: 107-0008

PROJECT NAME: Hickmley E-S

Technician: V. Sanchez

Date: 3-5-07

Page: 1 of

Portables
B1-B9

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	2x4 Fissure. ceiling panel	5823	B1- CTR	B1- B9 Portables	10400 sq. FT	N	N
	12x12 blue speckle Particle & glue	5824	B1 S/E	B1, B4, B6, B9	500 sq. FT	N	N
	4 in dark blue cove base & glue	5825	B1 S/E	B1, B6, B8, B9	350 21. FT	N	N
	carpet glue	5826	B1 CTR	B1, B2, B3, B4, B5, B6, B7, & B9	5000 sq. FT	N	N
	drywall	5827	B1 SO. CTR	B1- B9. behind Fiber board panels	12000 sq. FT	N	N
	drywall	5828	B2 RR'S N/E	B2 RR'S.	750 sq. FT	N	N
	drywall Joint compound	5829	B2 RR'S S/W				
		5830	N/E				
		5831	S/E				
	4 in brown cove base & glue	5832	B2 RR'S/W	B2, B3, B4, B5, B7, B8,	575 24 FT	N	N
	12x12 gray speckled Particle & glue	5833	B2 N/E.	B2, B5, B7, B8	2416 sq. FT	N	N
	4 in Tan cove base & glue	5834	B3 S/W	B3, B4, B5, B6	95 21. FT	N	N

CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT: SMUSD

PROJECT NO.: 107-0008

PROJECT NAME: McKinley E.S.

Technician: V. Sanchez.

Date: 3-5-07

Page: of

Portables
B1-B9

[illegible]

CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

CLIENT: SMMUSD

PROJECT NO.: 107-0008

PROJECT NAME: McKinley ES

Technician: V. Sanchez

Date: 3-5-03

Page: 1 of 1

Portables
B 10 & B 11

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
	STULLO	5838	N/W	ext. walls	1900		
					59.75	N	N
		5839	S/W				
		5840	N/E				
		5841	S/E				
		5842	SO. CTR				
	12x12 gray FLRTILE	5843	B10 B11 WEST CTR	B10 & B10 at entrance	1450 59.75	N	N
	carpet gke	5844	B10 CTR.	B10	1250 59.75	N	N
	4114 dark blue car hose gke	5845	B10 N/E	N/E B10 & B11	120 4.75	N	N
	2x4 Fissured ceiling panel	5846	B 11 CTR	B 11 & B10	2500 59.75	N	N
	drywall	5850	B10 N/W	B10 & B11 behind fiber boards	2800 59.75	N	N
	ROOF consists of metal sheeting NO ROOF MASTIC observed.						

CLIENT: SKMUSID
PROJECT NO.: 107-0008
PROJECT NAME: McKinley E-S

Page: 1 of 1

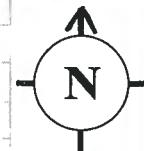
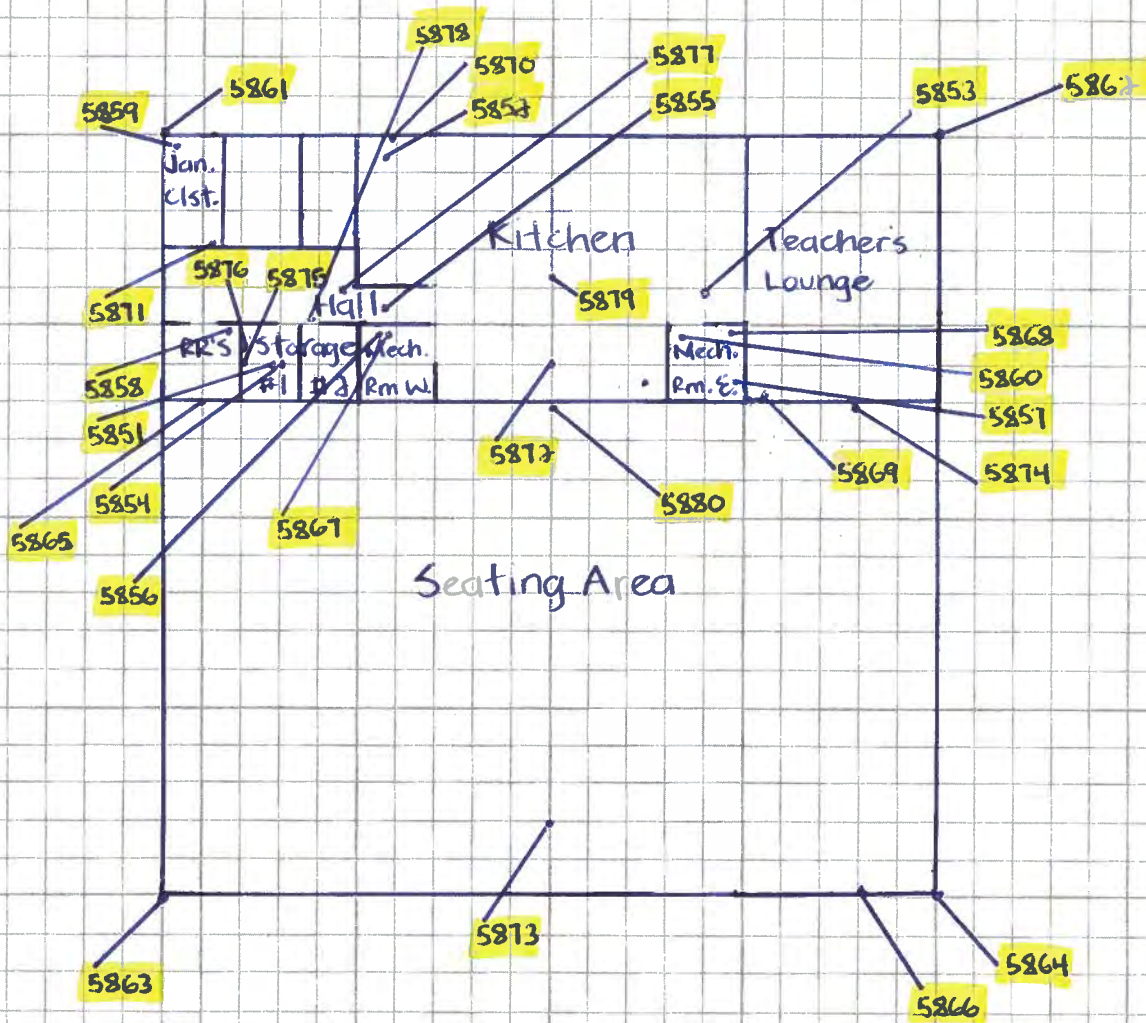
Sanitary
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APPENDIX C

SAMPLE LOCATION MAP

Bldg. A Cafeteria



DESCRIPTION: SMMUSD

JOB NAME: McKinley E.S.

JOB NO: 107-0008

DRAWN BY: Ernest Acevedo Jr.

DATE: 4/16/07

SKETCH NO: -

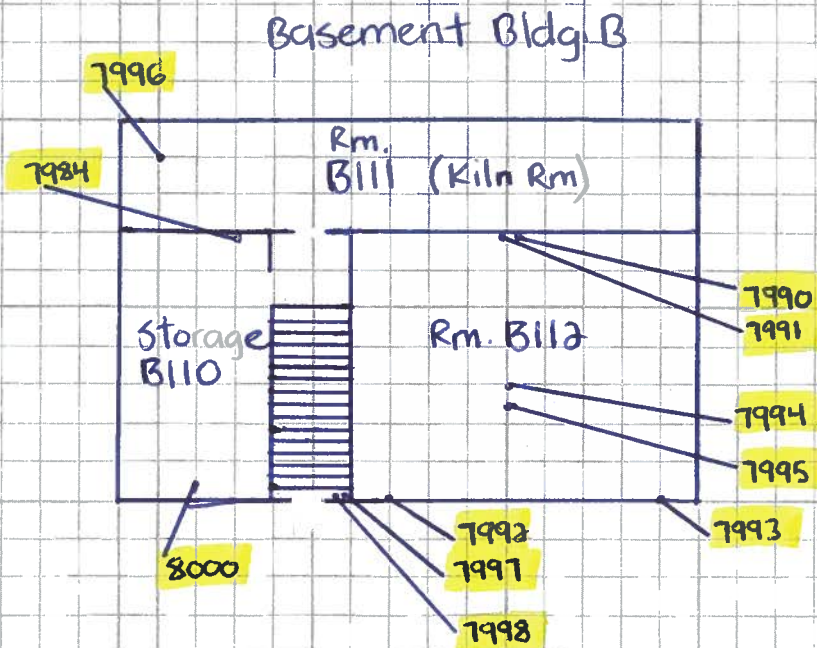
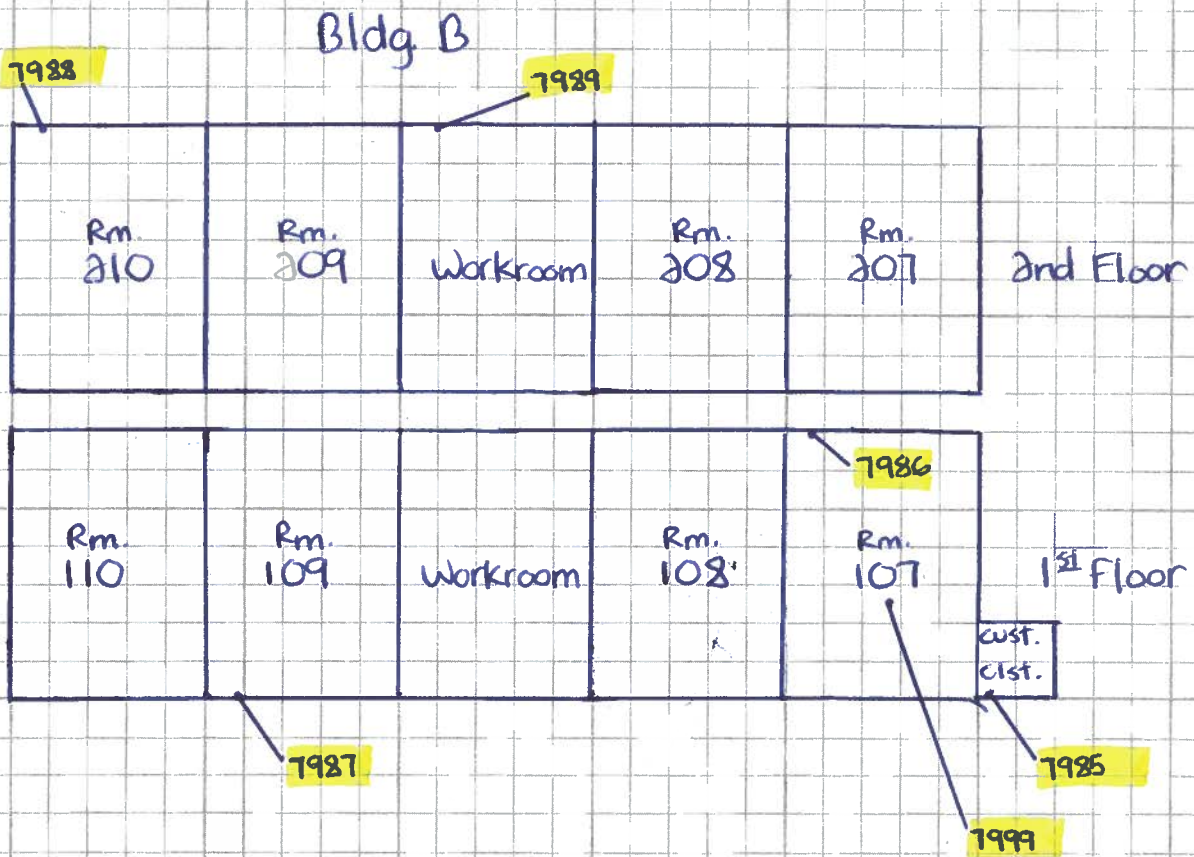
SCALE: -

PAGE 1 OF 1



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24404 S. Vermont Avenue, Suite 307
Harbor City, California 90710
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Email: info@ctles.com



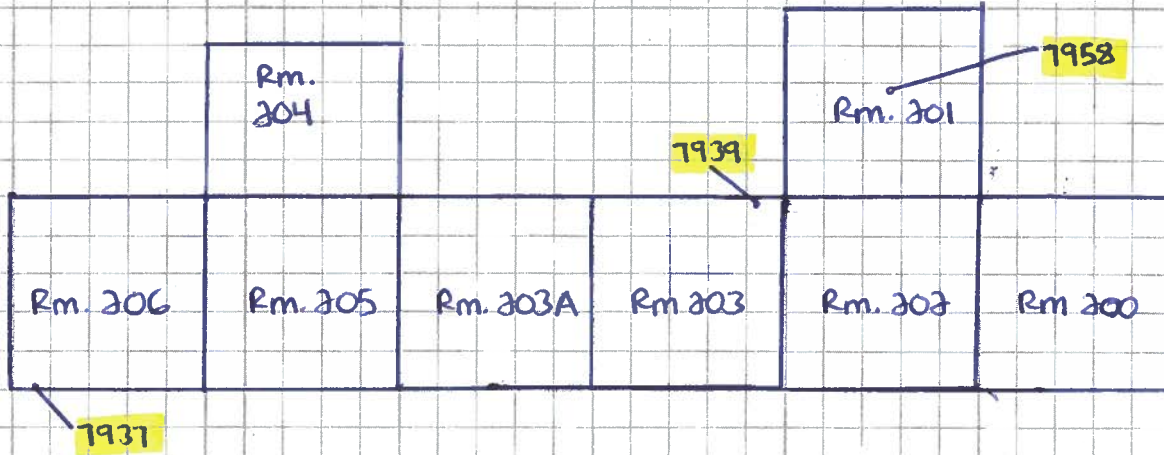
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JOB NAME: McKinley & S.		
JOB NO: 107-0008	DATE: 4/16/07	SCALE: —
DRAWN BY: Ernest Acevedo Jr.	SKETCH NO: —	PAGE 1 OF 1



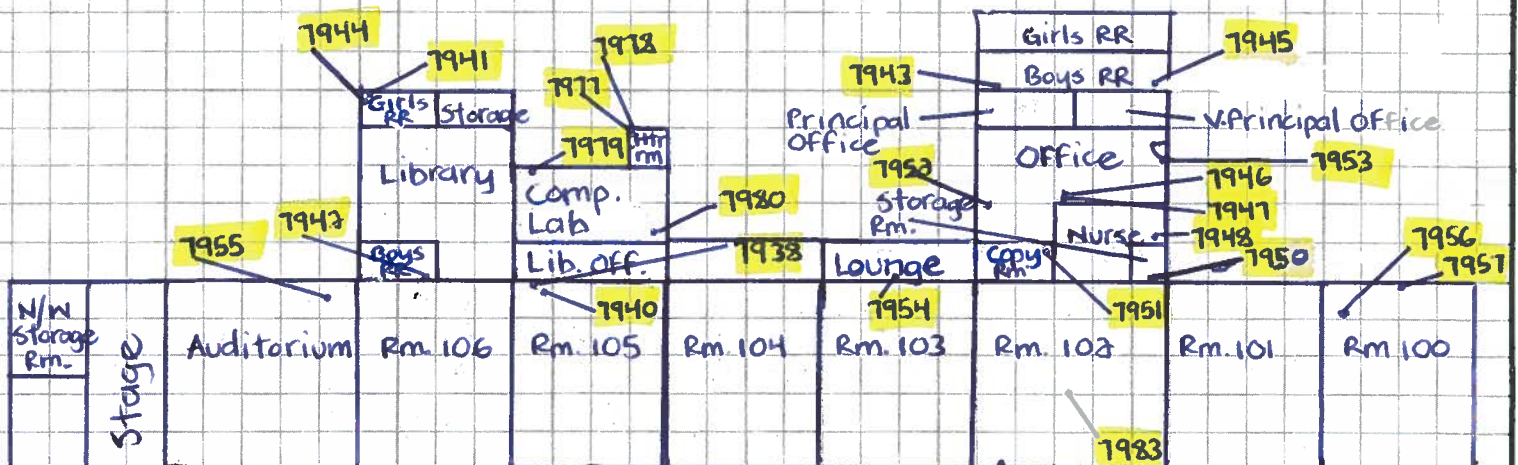
CTL ENVIRONMENTAL SERVICES

24404 S. Vermont Avenue, Suite 307
 Harbor City, California 90710
 (310) 530-5006 FAX: (310) 530-0792
 Email: info@ctles.com

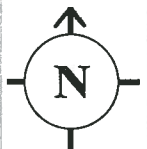
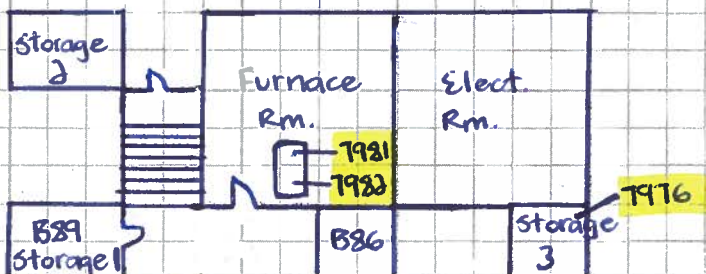
2nd Floor



1st Floor



Basement



DESCRIPTION:

SMMUSD

JOB NAME:

McKinley E.S.

JOB NO:

107-0008

DATE: / /

DATE: 4/16/07

SCALE:

PAGE 1 OF 1

DRAWN BY:

Ernest Acevedo Tr.

SKETCH NO:

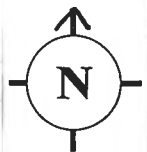
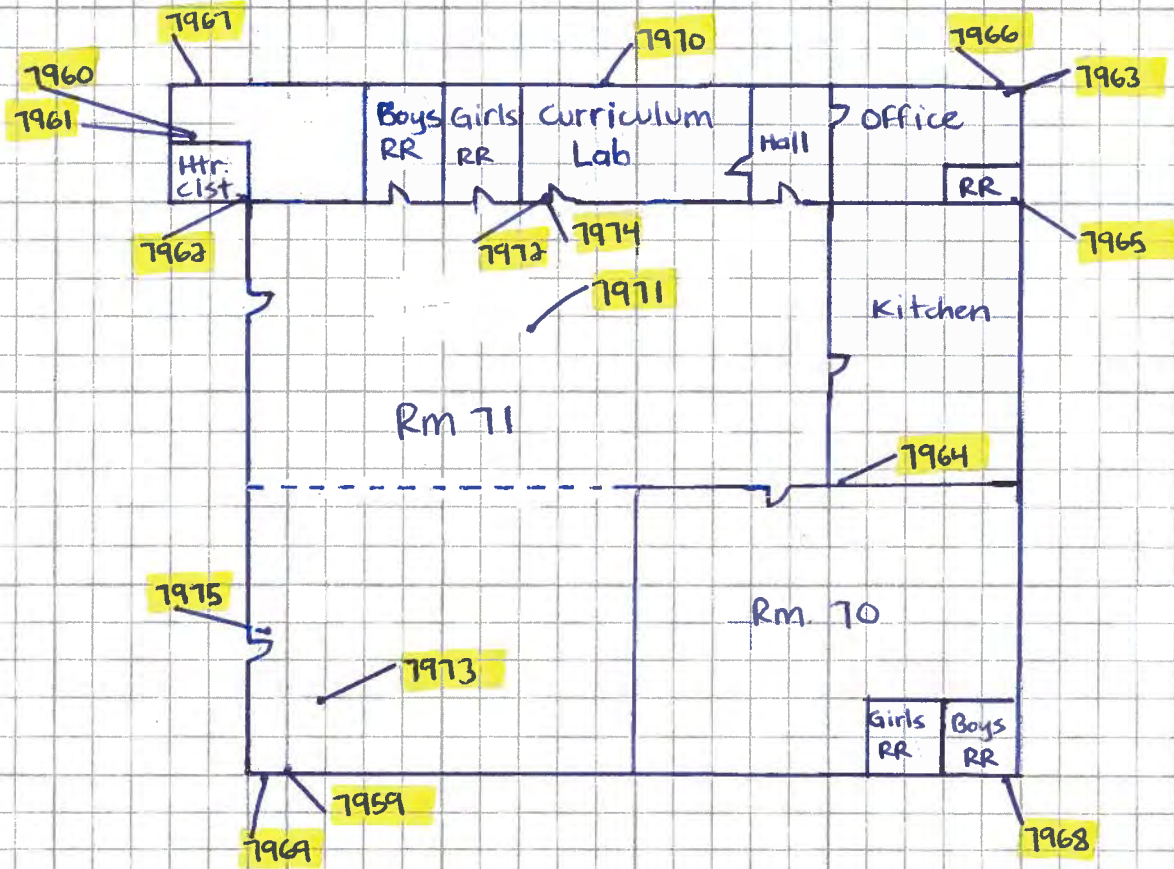
SKETCH NO:

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Harbor City, California 90710
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Bldg. E Kindergarten



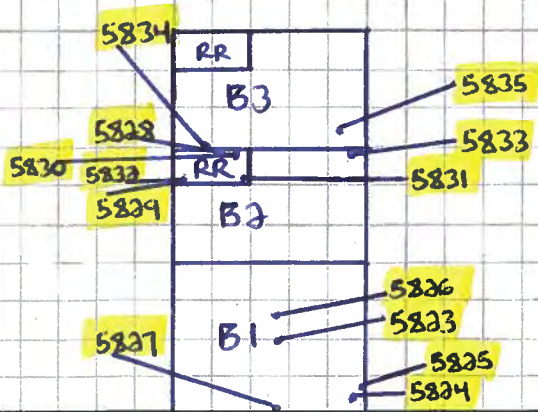
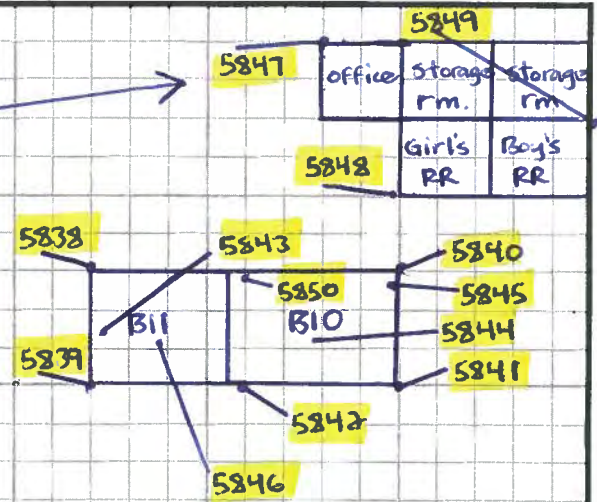
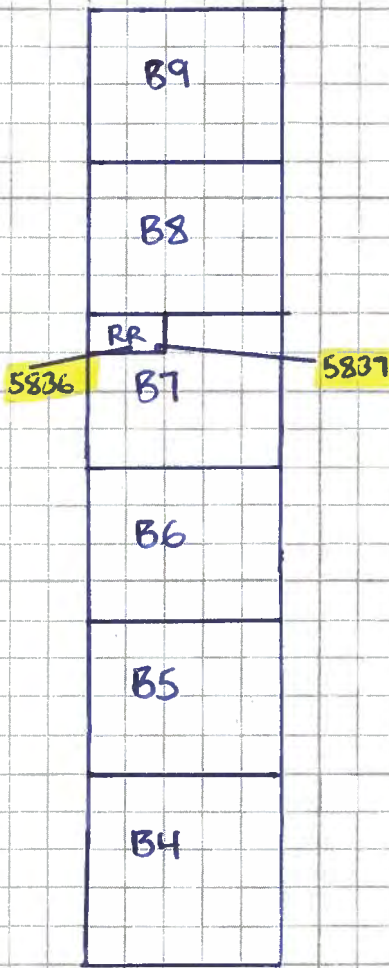
DESCRIPTION: SMMUSD		
JOB NAME: McKinley E.S.		
JOB NO: 107-0008	DATE: 4/16/07	SCALE: -
DRAWN BY: Ernest Acevedo Jr.	SKETCH NO: -	PAGE 1 OF 1



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 (310) 530-5006 FAX: (310) 530-0792
 Email: info@ctles.com

Portables B1 - B11
+
Sanitary Bldg



DESCRIPTION: SMMUSD

JOB NAME: McKinley E.S.

JOB NO: 107-0008

DRAWN BY: Ernest Acevedo Jr.

DATE: 4/16/07

SKETCH NO:

SCALE:

PAGE 1 OF 1



CTL ENVIRONMENTAL SERVICES

24404 S. Vermont Avenue, Suite 307
Harbor City, California 90710
(310) 530-5006 FAX: (310) 530-0792
Email: info@ctles.com

GARDEN

Arizona Ave.

Saunary
hldy.

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

B9
B8
B7
B6
B5
B4

JOHNSON 210 3rd	TALBOTT 209 4th	WORKROOM	SHAPIRO 208 4th	KANANACK 207 4th
KORSHAK 110 2ND	PLASENCIA 109 2ND	WORKROOM	GALVAN 108 1ST	SNYDER 107 2ND
Parent Room				

CHEN	Salad
Bar	

Elev
RR
Storage

LOWE LIBRARY
RR
Storage

COMP LAB
LIB. OFF.
105

LOUNGE
103
101

OFFICE
NURSES
102

CHILD CARE PRESCHOOL
DUNN (Lead)

CONFERENCE 204	TEACHER CENTER	205	203A	203	202	201	200
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Custodial Closets
Restrooms



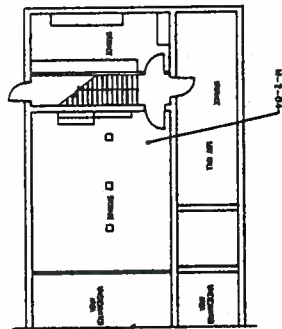
12/15/2006

Bld C
Bldg B

Santa Monica Blvd.



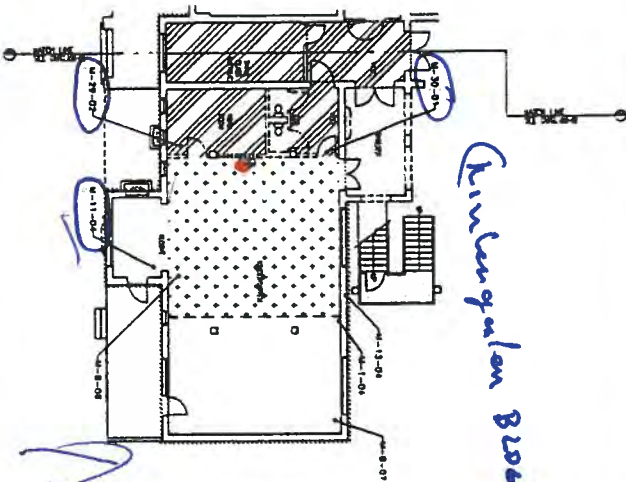
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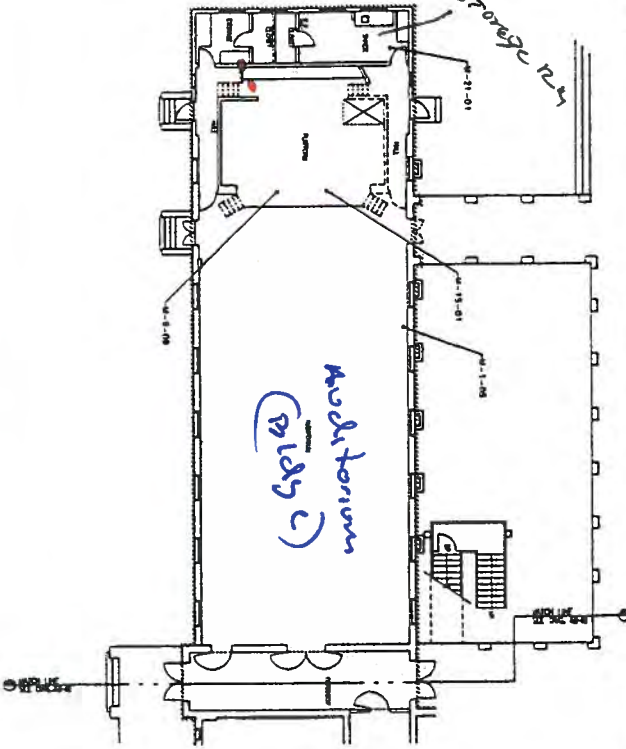
NOTES

-BILD. A FURNACE ROOMS CONTAIN
ASBESTOS FLEX DUCT CONNECTIONS.
CLOTH-TYPE DUCT TAPE & CEMENT
ASBESTOS FULF.

Kindergarten B2060



KEY PLAN:



KEY PLAN:

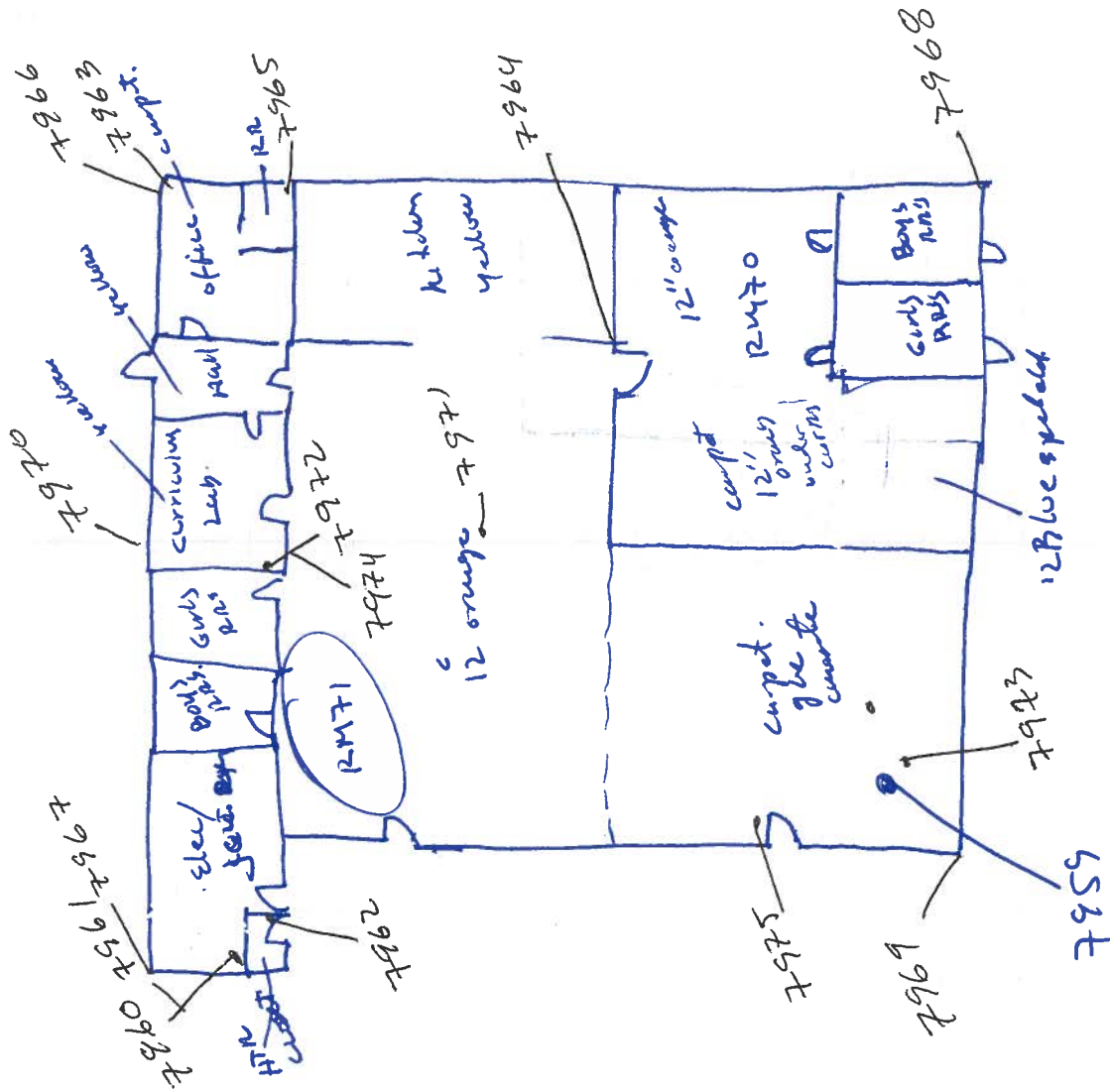


C A P E ENVIRONMENTAL MANAGEMENT C		2000 S. Tanager Ave. Suite 200 Torrance, CA 90508 (310) 313-4800		PROJECT NAME: MACHINERY ELEMENTARY SCHOOL - 2000 10000 S. Tanager Torrance, CA 90508		PART NO.: BLDGS. A, B, BASEMENT C, BASEMENT KID. & AOD. 1ST, 2ND,		DATE: 4/10/20		DRAWN BY: KAD-24 4/2/2001		CHECKED BY: KAD-13 4-14-02	
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Bldg E.

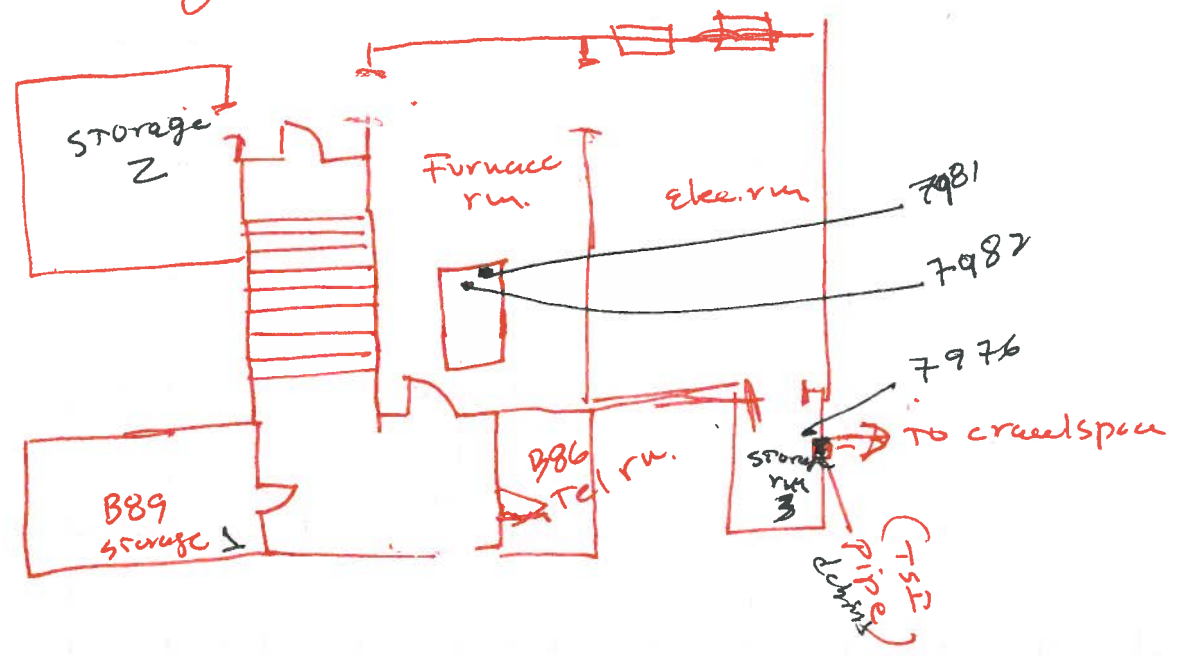
McKinley E.S.

107-0008
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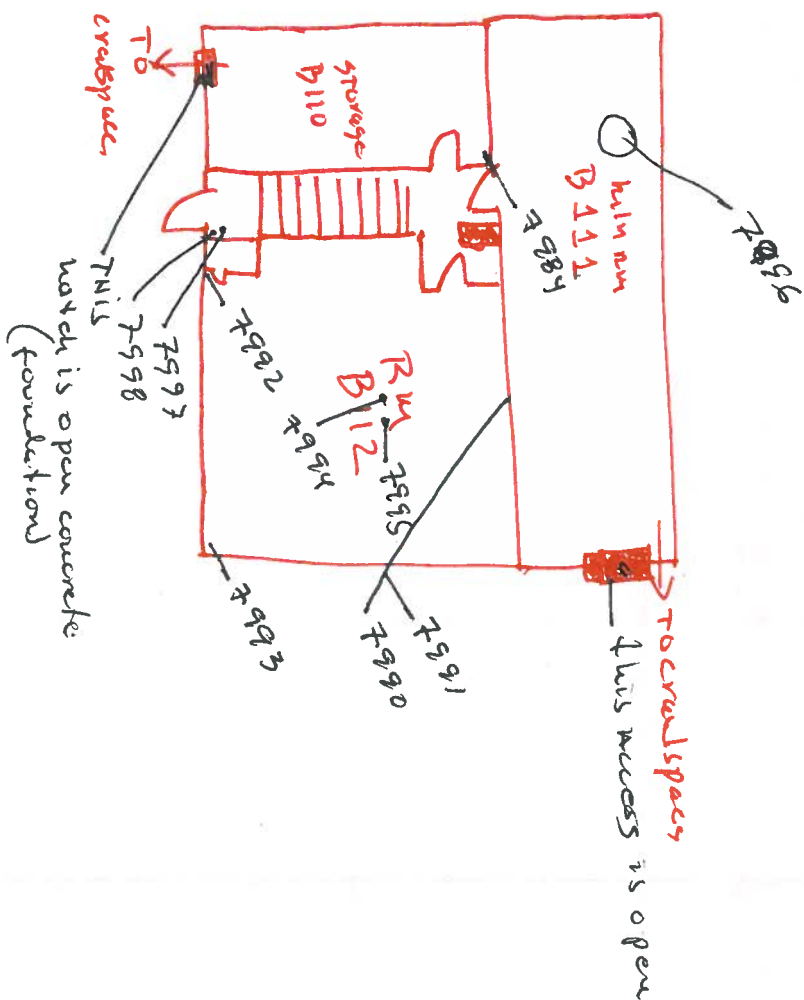
McKenley E-S.
Victor Sander
107-0008

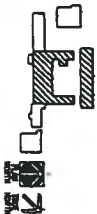
Bldg C Basement level



McKenley E-S 3-5-07
10007-0088

88-02-1001





SCALE: 1/8" = 1'-0"

AGRICULTURE - COLUMBIAN
CRISIS

DEFINITION 3.1

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ASBESTOS-CONTAINING

ASBESTOS-CONTAINING L
FLOORING AND WASTIC

LEGEND

GRANDS LITON IN CLOSURE

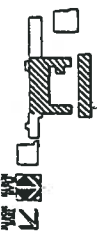
—CZCENI—MAGNITUDAS DE LOS CUERPOS EN
BATIMIENTOS.

**-AGENTS-CONTINUING JUNE 1994 ON
HEATER DUCT IN PLUMBING ROOM**

-AGREEMENTS DEBTS IN CHANSPACE BTL



KEY PLAN.



SCALE 1/6-1'-0"

LEGEND	
ASBESTOS-CONTAINING 12" x 12" FLOOR TILE AND MAJOLIC	
ASBESTOS-CONTAINING LINOLEUM FLOORING	
ASBESTOS-CONTAINING ROUGH PLASTER CEILING	
ASBESTOS-CONTAINING EXTENDED STUCCO WALL	

ASBESTOS CONTAINING FIBERGLASS
DUCT CONNECTORS IN MECHANICAL
LOUNGE/ENTRANCE ROOM.
-GLASS FIBER WINDOW PANELS
LOCATED IN 3RD FLOOR, TEACHERS
WORKROOM, BUILDING "B".
-ASSURED ASBESTOS CONTAINING CUM
BRANDS LOCATED IN CLASSROOMS.

PROJECT NAME:

WICKMLEY ELEMENTARY

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**C A P E
ENVIRONMENTAL
MANAGEMENT**

PO BOX 2 VERMONT AVE.
SHELTON CT 06484
TERRANCE, CA 90005
(310) 202-4808

**C A P E
ENVIRONMENTAL
MANAGEMENT**

20-260 S Vermont Ave.
 Suite 200
 Torrance, CA 90508
 (310) 633-6808

[illegible]

PROJECT NAME:

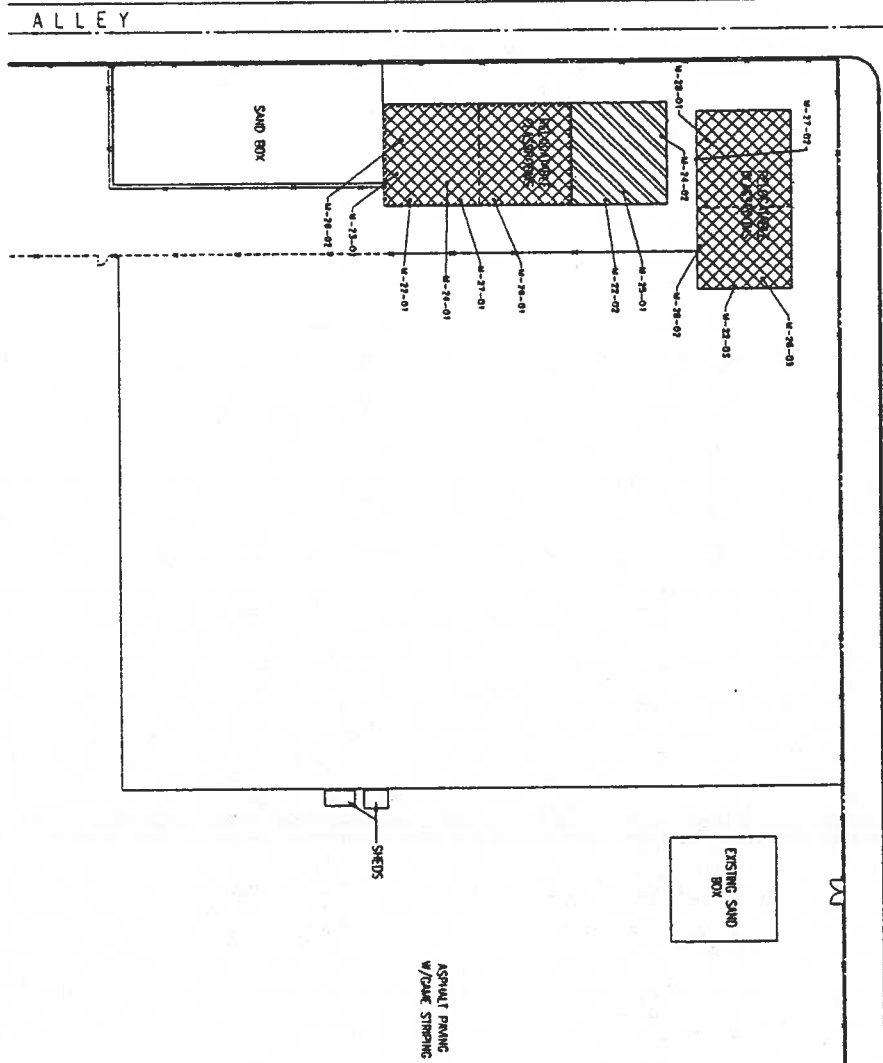
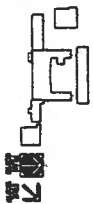
**McKNILE ELEMENTARY
SCHOOL**
Single school - 1978
United Food Bank

POSTAL

RELOCATABLE CLASSROOMS

SCALE: 1/8"=1'-0"

KEY PLAN:



APPENDIX D

CTL EMPLOYEE CERTIFICATIONS

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

Victor M Sanchez



Name

Certification No. **01-2872**

Expires on **03/09/08**

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.

Certificate Of Completion

Victor Sanchez

(Ending four digits) SS#: 9626

Has attended and completed the training course entitled:

Asbestos Contractor / Supervisor Refresher Course

DOSH Course # CA-015-04

Certificate # AASR052606001N

Training Director: **Alan D. Duges**

Signature: 

Start Date: **05/26/06**

Course End Date: **05/26/06**

Expiration Date: **05/25/07**

Instructor: **Orville Allen**

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

1100 Technology Circle – Suite A, Anaheim, CA 92805

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757

Certificate Of Completion

Victor Sanchez

Ending four digits SS#: 9626

Has attended and completed the training course entitled:

Asbestos Building Inspector Refresher Course

DOSH Course # CA-015-06

Certificate # BIRC090906008N

Training Director: Alan D. Dages

Signature: 

Start Date: 09/09/06

Course End Date: 09/09/06

Expiration Date: 09/08/07

Instructor: Rodger Sandlin

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title 11. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California

NATEC INTERNATIONAL

1100 Technology Circle - Suite A, Anaheim, CA 92805

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757

APPENDIX E

PREVIOUS SURVEY RECORD

TABLE 2.1

**SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
McKINLEY ELEMENTARY SCHOOL BUILDINGS**

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION/LOCATION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
M-01-01	Rough plaster walls/Building C corridor	NAD
M-01-02	Rough plaster walls/Building C corridor	NAD
M-01-03	Rough plaster walls/Building B corridor	NAD
M-01-04	Rough plaster walls/Building C kindergarten	NAD
M-01-05	Rough plaster walls/Building C auditorium	NAD
M-02-01	Gypsum board walls and joint compound/Building B classroom	NAD
M-02-02	Gypsum board walls and joint compound/Building C classroom	NAD
M-02-03	Gypsum board walls and joint compound/Building B classroom	NAD
M-02-04	Gypsum board walls and joint compound/Building B classroom	NAD
M-02-05	Gypsum board walls and joint compound/Building C audio room	NAD
M-02-06	Gypsum board walls and joint compound/Building C audio room	NAD
M-03-01	Smooth plaster walls/Building C bathroom	NAD
M-03-02	Smooth plaster walls/Building B stairwell	NAD
M-03-03	Smooth plaster walls/Building C administration office	NAD
M-04-01	2'x 4' lay-in ceiling tile-fissured/rough/Building C classroom	NAD
M-04-02	2'x 4' lay-in ceiling tile-fissured/rough/Building C classroom	NAD
M-04-03	2'x 4' lay-in ceiling tile-fissured/rough/Building B classroom	NAD
M-05-01	2'x 4' lay-in ceiling tile-fissured/smooth/Building C classroom	NAD
M-05-02	2'x 4' lay-in ceiling tile-fissured/smooth/Building C classroom	NAD
M-05-03	2'x 4' lay-in ceiling tile-fissured/smooth/Building B classroom	NAD
M-05-04	2'x 4' lay-in ceiling tile-fissured/smooth/Building A kitchen	NAD
M-06-01	1'x 1' acoustical tile/Building C classroom	NAD
M-06-02	1'x 1' acoustical tile/Building C classroom	NAD
M-06-03	1'x 1' acoustical tile/Building B classroom	NAD
M-07-01	1'x 1' acoustical tile mastic/Building C classroom	NAD
M-07-02	1'x 1' acoustical tile mastic/Building C Classroom	NAD
M-07-03	1'x 1' acoustical tile mastic/Building B classroom	NAD
M-07-04	1'x 1' acoustical tile mastic/Building A kitchen	NAD
M-08-01	Rough plaster ceilings/Building C classroom	NAD
M-08-02	Rough plaster ceilings/Building C classroom	NAD
M-08-03	Rough plaster ceilings/Building B classroom 1st floor	3% chrysotile
M-08-04	Rough plaster ceilings/Building B classroom 2nd floor	NAD
M-08-05	Rough plaster ceilings/Building C admin office	NAD
M-08-06	Rough plaster ceilings/Kindergarten	3% chrysotile
M-08-07	Rough plaster ceilings/Kindergarten	NAD
M-08-08	Rough plaster ceilings/Building A kitchen	NAD
M-08-09	Rough plaster ceilings/Building C auditorium	NAD
M-09-01	Partition wall/Building E classroom	NAD
M-10-01	1'x 1' ceiling tile-random peghole/Building C audio room	NAD
M-11-01	Smooth plaster ceilings/Building C girls toilet	NAD
M-11-02	Smooth plaster ceilings/Building C nurse office	NAD

K0630092.RPT

McKINLEYELEMENTARYSCHOOL

TABLE 2.1 (cont.)

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
M-11-03	Smooth plaster ceilings/Building C bathroom	NAD
M-11-04	Smooth plaster ceilings/kindergarten alcove	NAD
M-11-05	Smooth plaster ceilings/Building A bathroom	NAD
M-12-01	Joint tape on heater duct/Building A kitchen	Assumed
M-13-01	Exterior stucco/Building C north wall	3% chrysotile
M-13-02	Exterior stucco/Building C audio room	3% chrysotile
M-13-03	Exterior stucco/Building B south wall	3% chrysotile
M-13-04	Exterior stucco/Kindergarten building C	2% chrysotile
M-13-05	Exterior stucco/Building A north wall	NAD
M-14-01	Transite-type window panels-Bldg C/Building B workroom	Assumed
M-15-01	Auditorium ceiling/Building C	NAD
M-16-01	Crawlspace soil/Building C	20% chrysotile 15% amosite
M-17-01	9"x 9" green floor tile/Building A kitchen	3% chrysotile (T)
M-17-01M	9"x 9" green floor tile and mastic/Building A kitchen	3% chrysotile (M)
M-18-01	Transite-type flues/Building A mechanical room	Assumed
M-19-01	Pipe and pipe fitting insulation-attic/cafeteria/Building A, B, C	Assumed
M-20-01	Flexible HVAC ducts connectors/Building A	Assumed
M-21-01	Brown linoleum/Building C auditorium	NAD (T)
M-21-01M	Brown linoleum and mastic/Building C auditorium	NAD (M)
M-22-01	Textured paint/Portable building	3% chrysotile
M-22-02	Textured paint/Portable building	3% chrysotile
M-22-03	Textured paint/Portable building	NAD
M-23-01	9"x 9" grey floor tile/Portable building	2% chrysotile (T)
M-23-01M	9"x 9" grey floor tile and mastic/Portable building	15% chrysotile (M)
M-24-01	2'x 4' lay-in ceiling tile/Portable building	NAD
M-24-02	2'x 4' lay-in ceiling tile/Portable building	NAD
M-24-03	2'x 4' lay-in ceiling tile/Portable building	NAD
M-25-01	12"x 12" off white floor tile/Portable building	3% chrysotile (T)
M-25-01M	12"x 12" off white floor tile mastic/ Portable building	NAD (M)
M-26-01	Roof/Portable buildings	NAD
M-26-02	Roof/Portable buildings	NAD
M-27-01	Gypsum board walls/Portable building	NAD
M-27-02	Gypsum board walls/Portable building	NAD
M-28-01	12"x 12" brown floor tile/Portable building	3% chrysotile (T)
M-28-01M	12"x 12" brown floor tile mastic/Portable building	10% chrysotile (M)
M-28-02	12"x 12" brown floor tile/Portable building	3% chrysotile (T)
M-28-02M	12"x 12" brown floor tile mastic/Portable building	10% chrysotile (M)

TABLE 2.1 (cont.)

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
M-29-01	12"x 12" orange floor tile/Building C 2nd floor work room	3% chrysotile (T)
M-29-01M	12"x 12" orange floor tile mastic/Building C 2nd floor work room	3% chrysotile (M)
M-29-02	12"x 12" orange floor tile/Kindergarten	3% chrysotile (T)
M-29-02M	12"x 12" orange floor tile mastic/Kindergarten	3% chrysotile (M)
M-29-03	12"x 12" orange floor tile/Building C 2nd floor work room	3% chrysotile (T)
M-29-03M	12"x 12" orange floor tile mastic/Building C 2nd floor work room	3% chrysotile (M)
M-30-01	12"x 12" alt. brown and white floor tile/Kindergarten	3% chrysotile (T)
M-30-01M	12"x 12" alt. brown and white floor tile mastic/Kindergarten	10% chrysotile (M)
M-30-02	12"x 12" alt. brown and white floor tile/Building C corridor	3% chrysotile (T)
M-30-02M	12"x 12" alt. brown and white floor tile mastic/Building C corridor	10% chrysotile (M)
M-30-03	12"x 12" alt. brown and white floor tile/Building C corridor	3% chrysotile (T)
M-30-03M	12"x 12" alt. brown and white floor tile mastic/Building C corridor	3% chrysotile (M)
M-31-01	Tan pattern linoleum/Building C nurses office	NAD
M-31-02	Tan pattern linoleum/Building C nurses office	NAD
M-31-03	Tan pattern linoleum/Building C nurses office	NAD
M-32-01	Tan linoleum/Building B classroom	NAD (T)
M-32-01M	Tan linoleum mastic/Building B classroom	NAD (M)
M-32-02	Tan linoleum/Building B classroom	NAD (T)
M-32-02M	Tan linoleum mastic/Building B classroom	NAD (M)
M-32-03	Tan linoleum/Building B classroom	NAD (T)
M-32-03	Tan linoleum mastic/Building B classroom	NAD (M)
M-33-01	12"x 12" olive floor tile/Building C library work room	2% chrysotile (T)
M-33-01M	12"x 12" olive floor tile mastic/Building C library work room	10% chrysotile (M)
M-33-02	12"x 12" olive floor tile/Building C library work room	3% chrysotile (T)
M-33-02M	12"x 12" olive floor tile mastic/Building C library work room	3% chrysotile (M)
M-33-03	12"x 12" olive floor tile/Building B corridor	3% chrysotile (T)
M-33-03	12"x 12" olive floor tile mastic/Building B corridor	10% chrysotile (M)
M-34-01	Olive pattern linoleum/Building B 2nd floor bathroom	40% chrysotile
M-35-01	Brown pattern linoleum/Building C men's toilet	50% chrysotile (T)
M-35-01M	Brown pattern linoleum mastic/Building C men's toilet	2% chrysotile (M)
M-35-02	Brown pattern linoleum/Building C women's toilet	30% chrysotile (T)
M-35-02M	Brown pattern linoleum mastic/Building C women's toilet	2% chrysotile (M)
M-35-03	Brown pattern linoleum/Building C women's toilet	30% chrysotile (T)
M-35-03M	Brown pattern linoleum/Building C women's toilet	NAD (M)
M-36-01	12"x 12" green floor tile/Building C book room	3% chrysotile (T)
M-36-01M	12"x 12" green floor tile mastic/Building C book room	10% chrysotile (M)
M-36-02	12"x 12" green floor tile/Building C corridor room	3% chrysotile (T)
M-36-02M	12"x 12" green floor tile mastic/Building C corridor room	15% chrysotile (M)

TABLE 2.2

**SUMMARY OF QUALITY CONTROL BULK SAMPLE ANALYSIS FOR ASBESTOS
McKINLEY ELEMENTARY SCHOOL**

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>PRIMARY LABORATORY</u>	<u>QUALITY CONTROL</u>
QC-M-04-01	2'x 4' lay-in ceiling tile-fissured/rough	NAD	NAD
QC-M-06-01	1'x 1' acoustical tile	NAD	NAD
QC-M-08-01	Rough plaster ceilings	NAD	NAD
QC-M-16-01	Crawlspace contamination	20% chrysotile 15% amosite	40% chrysotile 25% amosite
QC-M-24-03	2'x 4' lay-in ceiling tile	NAD	NAD
QC-M-26-01	Roof	NAD	Trace chrysotile
QC-M-28-02	12"x 12" brown floor tile mastic	3% chrysotile (T)	3% chrysotile (T)
QC-M-28-02M	12"x 12" brown floor tile mastic	10% chrysotile (M)	5% chrysotile (M)
QC-M-32-01	Tan linoleum	NAD (T)	Trace chrysotile (T)
QC-M-32-01	Tan linoleum mastic	NAD (M)	NAD (M)
QC-M-33-01	12"x 12" olive floor tile mastic	2% chrysotile (T)	3% chrysotile (T)
QC-M-33-01M	12"x 12" olive floor tile mastic	10% chrysotile (M)	4% chrysotile (M)
QC-M-35-02	Brown pattern linoleum	30% chrysotile (T) 2% chrysotile (M)	20% chrysotile(T)

NAD = No Asbestos Detected
Trace = < 1%

TABLE 2.1 (cont)

<u>SAMPLE NUMBER</u>	<u>MATERIAL DESCRIPTION</u>	<u>LABORATORY ANALYSIS RESULTS</u>
M-37-01	Portico overhang stucco/Building C overhang	3% chrysotile
M-37-02	Portico overhang stucco/Building C overhang	2% chrysotile
M-37-03	Portico overhang stucco/Building C overhang	2% chrysotile
M-37-04	Portico overhang stucco/Building C overhang	2% chrysotile
M-38-01	Window putty/Building A	3% chrysotile
M-38-02	Window putty/Building A	4% chrysotile
M-38-03	Window putty/Building A	3% chrysotile
NAD	= No Asbestos Detected	

APPENDIX A

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : Building A
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : TRANSITE FLUE
HOMOGENEOUS AREA # : 18
FUNCTIONAL AREA : Bathroom

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION ☒ MISC. _____

APPROXIMATE QUANTITY : 16 linear Feet.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%

Type of damage: NONE

Overall rating: Good condition ②

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW			HIGH	
1	2	3	4	5
☒	—	—	—	—
—	—	☒	—	—
—	☒	—	—	—

IS MATERIAL ACCESSIBLE?: No

IS MATERIAL LOCATED IN AN AIR PLENUM?: YES

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

INSPECTOR'S COMMENTS:

Flue is in good condition.
Flue is very hard to reach.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : Building A
 ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9" x 9" Green F.T. w/MASTIC
 HOMOGENEOUS AREA # : 17
 FUNCTIONAL AREA : Cafeteria

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 2000 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
 MODERATELY FRIABLE _____
 FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: Less than 1%
 Type of damage: Foot traffic
 Overall rating: Good condition (3)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:	LOW	1	2	3	4	HIGH	5
Potential for contact:	—	—	—	—	☒	—	—
Influence of vibration:	—	—	☒	—	—	—	—
Potential for air erosion:	—	☒	—	—	—	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential significant damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: OTM - Maintain and monitor

INSPECTOR'S COMMENTS:

Floor tile is in ^{fairly} ~~fairly~~ good condition. SUBJECT to heavy foot traffic, IN the kitchen F.T. IS SUBJECT to most of liquid damage, some fading is visible.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : ~~A 100~~
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : TRANSITE Panels
HOMOGENEOUS AREA # : 14
FUNCTIONAL AREA : ATTIC ACCESS.

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 2 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 2%
Type of damage: AGE, & USE
Overall rating: Good condition (3)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	✓	—	—	—
Influence of vibration:	—	✓	—	—	—
Potential for air erosion:	—	✓	—	—	—

IS MATERIAL ACCESSIBLE?: NO

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential significant for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O&M - Maintain and monitor

INSPECTOR'S COMMENTS:

ATTIC ACCESS panel is
in fair condition, but some
chipping around the edges

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : A
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Joint Tape
HOMOGENEOUS AREA # : assumed
FUNCTIONAL AREA : Kitchen Bathrooms

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION ☒ MISC. _____

APPROXIMATE QUANTITY : 150 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
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CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%
Type of damage: None
Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW		HIGH		
1	2	3	4	5
☒	☒	—	—	—
—	☒	—	—	—
☒	—	—	—	—

IS MATERIAL ACCESSIBLE?: NO

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: Defm-Maintain and monitor

INSPECTOR'S COMMENTS:

No visible damage to walls/joint tape. Walls are in good condition.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : Building A
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : PIPE INSULATION
HOMOGENEOUS AREA # : 19
FUNCTIONAL AREA : ATTIC

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION ☒ MISC. _____

APPROXIMATE QUANTITY : _____

FRIABILITY : NON-FRIABLE _____
 MODERATELY FRIABLE _____
 FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
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CONDITION OF ACM OR ACE:

Percent Distributed damage:
Type of damage:
Overall rating:

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

<u>LOW</u>			<u>HIGH</u>	
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Potential for contact:
Influence of vibration:
Potential for air erosion:

IS MATERIAL ACCESSIBLE?:

IS MATERIAL LOCATED IN AN AIR PLENUM?:

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

INSPECTOR'S COMMENTS:

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : OLIVE PATTERN LINOLIUM
HOMOGENEOUS AREA # : 34
FUNCTIONAL AREA : BATHROOMS

TYPE OF MATERIAL : SURFACING ☐ THERMAL SYSTEM INSULATION ☐ MISC. ☒

APPROXIMATE QUANTITY : 40 SQ. F.T.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE ☐
FRIABLE ☐

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: LESS than 1%.
Type of damage: Water
Overall rating: Good condition (2)

<u>POTENTIAL FOR DISTURBANCE OF ACM OR ACE:</u>	<u>LOW</u>	<u>HIGH</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Potential for contact:	<u>—</u>	<u>—</u>	<u>—</u>	<u>✓</u>	<u>—</u>
Influence of vibration:	<u>—</u>	<u>✓</u>	<u>—</u>	<u>—</u>	<u>—</u>
Potential for air erosion:	<u>—</u>	<u>✓</u>	<u>—</u>	<u>—</u>	<u>—</u>

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.
MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: OTW - Maintain and monitor

INSPECTOR'S COMMENTS:

Linolium in one small teachers bathroom. Linolium is in fairly good condition.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B & C
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 12" x 12" GLUE F.T. W/MASTIC
HOMOGENEOUS AREA # : 22
FUNCTIONAL AREA : teachers work rooms

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ✓

APPROXIMATE QUANTITY : 300 SQ. FT.

FRIABILITY : NON-FRIABLE ✓
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%

Type of damage: NONE

Overall rating: Good Condition

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW				HIGH	
1	2	3	4	5	
—	—	—	✓	—	
—	✓	—	—	—	
—	✓	—	—	—	

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O + M - Maintain and monitor

INSPECTOR'S COMMENTS:

Floor tile looks to be
in good condition

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B & C
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 12" x 12" ALT. BROWN & WHITE F.T.
HOMOGENEOUS AREA # : 30
FUNCTIONAL AREA : Stairways
W/ MASTIC

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 1700 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%

Type of damage: NONE

Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
Influence of vibration:
Potential for air erosion:

LOW		HIGH		
1	2	3	4	5
—	—	—	☒	—
—	—	☒	—	—
—	☒	—	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: Ofm-Maintain and monitor.

INSPECTOR'S COMMENTS: Floor tile looks to be in good condition, but subject to high foot traffic.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B & C

ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 12" x 12" orange F.T. w/ Mastic

HOMOGENEOUS AREA # : 29

FUNCTIONAL AREA : Teachers Rooms

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : ~~100~~ 650 sq. ft.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%

Type of damage: NONE

Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	—	—	—	✓	—
Influence of vibration:	—	✓	—	—	—
Potential for air erosion:	—	✓	—	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

INSPECTOR'S COMMENTS:

orange F.T. in good condition

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B + C

ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Rough Plaster ceilings

HOMOGENEOUS AREA # : 8

FUNCTIONAL AREA : Classrooms

TYPE OF MATERIAL : SURFACING ☒ THERMAL SYSTEM INSULATION ☐ MISC. ☐

APPROXIMATE QUANTITY : 22,700 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE ☐
FRIABLE ☐

MATERIAL LOCATIONS :

SAMPLE #	SAMPLE LOCATION	ANALYSIS RESULTS
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CONDITION OF ACM OR ACE:

Percent Distributed damage: Less than 1%

Type of damage: ACE

Overall rating: Good condition ②

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:

Influence of vibration:

Potential for air erosion:

LOW			HIGH		
1	2	3	4	5	
☒	☐	☐	☐	☐	
☐	☒	☐	☐	☐	
☐	☒	☐	☐	☐	

IS MATERIAL ACCESSIBLE?: No

IS MATERIAL LOCATED IN AN AIR PLENUM?: YES

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with low potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O + m - maintain and monitor

INSPECTOR'S COMMENTS:

Over half are located above
dropped ceilings.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : C
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 2" x 12" Green F.T. w/ Mastic
HOMOGENEOUS AREA # : 36
FUNCTIONAL AREA : STORAGE

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 600 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE #	SAMPLE LOCATION	ANALYSIS RESULTS
----------	-----------------	------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%
Type of damage: None
Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	—	—	—	☒	—
Influence of vibration:	—	☒	—	—	—
Potential for air erosion:	—	☒	—	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: OTM - Manage and maintain and monitor.

INSPECTOR'S COMMENTS: F.T. IS in good condition, but DIRTY.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : 0
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : BROWN PATTERN Linolium
HOMOGENEOUS AREA # : 35
FUNCTIONAL AREA : Bathroom

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 200 SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 1%
Type of damage: Water damage
Overall rating: Fair condition (3)

<u>POTENTIAL FOR DISTURBANCE OF ACM OR ACE:</u>	<u>LOW</u>	<u>HIGH</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Potential for contact:	—	—	—	✓	—
Influence of vibration:	—	✓	—	—	—
Potential for air erosion:	—	✓	—	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Fair condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: OTH - maintain and monitor

INSPECTOR'S COMMENTS: Linolium is in moderate condition. There is peeling and raised sections of Linolium.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : ALL BUILDINGS
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : Exterior Stucco
HOMOGENEOUS AREA # : 13
FUNCTIONAL AREA : Exterior Walls

TYPE OF MATERIAL : SURFACING ☒ THERMAL SYSTEM INSULATION ☐ MISC. ☐

APPROXIMATE QUANTITY : 150,000 + SQ. FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE ☐
FRIABLE ☐

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: Less than 1%
Type of damage: Air & water erosion
Overall rating: Good condition (3)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW		HIGH		
	1	2	3	4	5
Potential for contact:	—	—	☒	—	—
Influence of vibration:	—	☒	—	—	—
Potential for air erosion:	—	—	☒	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential significant for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: O + M - Maintain and monitor

INSPECTOR'S COMMENTS:

Exterior stucco is in good condition. There are no major holes or other damage to exterior stucco.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : B & C
 ASBESTOS-CONTAINING MATERIAL DESCRIPTION : ~~EXTERIOR WALLS~~ TRANSITE Panel
 HOMOGENEOUS AREA # : 14
 FUNCTIONAL AREA : Building Exterior

TYPE OF MATERIAL : SURFACING ✓ THERMAL SYSTEM INSULATION MISC.

APPROXIMATE QUANTITY :

FRIABILITY : NON-FRIABLE ✓
 MODERATELY FRIABLE
 FRIABLE

MATERIAL LOCATIONS :

SAMPLE #	SAMPLE LOCATION	ANALYSIS RESULTS
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CONDITION OF ACM OR ACE:

Percent Distributed damage: 1%
 Type of damage: AIR EROSION, cut for opening
 Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW		HIGH
Potential for contact:	<u>1</u>	<u>2</u>	<u>3</u>
Influence of vibration:	<u>4</u>	<u>5</u>	<u>6</u>
Potential for air erosion:	<u>7</u>	<u>8</u>	<u>9</u>

IS MATERIAL ACCESSIBLE?: Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

INSPECTOR'S COMMENTS:

Good condition with potential for damage.
O + M - Maintain and monitor.

6' x 6' TRANSITE Panels
over DOUBLE doorways.
Several with 1 1/2' x 1 1/2'
hole cut for AIR conditioning
covered with wood.
(3) 3' x 3' and (1) 6' x 6' on Building B.

Building C
 1) 5' x 4'
 2) 6' x 6'
 3) 3' x 3'
 4) 3' x 8'

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : A & C

ASBESTOS-CONTAINING MATERIAL DESCRIPTION FLEXIBLE DUCT CONNECTORS

HOMOGENEOUS AREA # : 20

FUNCTIONAL AREA : MECHANICAL ROOM

TYPE OF MATERIAL : SURFACING THERMAL SYSTEM INSULATION QV MISC.

APPROXIMATE QUANTITY : 14 SQ. FT.

FRIABILITY : NON-FRIABLE ✓
MODERATELY FRIABLE
FRIABLE

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: Less than 1%.

Type of damage: AGE, AIR

Overall rating: Good condition @

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

LOW HIGH

1 2 3 4 5

Potential for contact:

 ✓

Influence of vibration:

 ✓

Potential for air erosion:

 ✓

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

D + M - Maintain and monitor

INSPECTOR'S COMMENTS:

Actual duct looks be in rough condition. Flex connector is in fairly good condition.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : RELOCATABLE CLASSROOMS
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : TEXTURED PAINT
HOMOGENEOUS AREA # : 22
FUNCTIONAL AREA : CLASSROOMS

TYPE OF MATERIAL : SURFACING ☒ THERMAL SYSTEM INSULATION ☐ MISC. ☐

APPROXIMATE QUANTITY : 1000 SQ. FT.

FRIABILITY : NON-FRIABLE ☒ ☒
MODERATELY FRIABLE ☐
FRIABLE ☐

MATERIAL LOCATIONS :

SAMPLE # SAMPLE LOCATION ANALYSIS RESULTS

CONDITION OF ACM OR ACE:

Percent Distributed damage: 3%
Type of damage: AIR Erosion, water & physical contact.
Overall rating: Fair condition (3)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW			HIGH	
	1	2	3	4	5
Potential for contact:	—	—	—	☒	—
Influence of vibration:	—	☒	—	☒	—
Potential for air erosion:	—	—	☒	☒	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Fair condition with potential significant for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: Encapsulate and paint over damaged areas. Moderate

INSPECTOR'S COMMENTS:

Textured paint is in ~~poor~~ condition. Visible chipping and worn through physical contact.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : ~~RELOCATABLE~~ CLASSROOMS
ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 9" x 9" GREY F.T. w/MASTIC
HOMOGENEOUS AREA # : 23
FUNCTIONAL AREA : CLASSROOMS

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ☒

APPROXIMATE QUANTITY : 900 SQ FT.

FRIABILITY : NON-FRIABLE ☒
MODERATELY FRIABLE _____
FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
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CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%.

Type of damage: NONE

Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

	LOW				HIGH
	1	2	3	4	5
Potential for contact:	—	—	—	✓	—
Influence of vibration:	—	—	✓	—	—
Potential for air erosion:	—	✓	—	—	—

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

Of M - Maintain and monitor

INSPECTOR'S COMMENTS:

Floor tile is in good condition.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : RELOCATABLE CLASSROOMS
 ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 12" x 12" OFF WHITE W/ MASTIC
 HOMOGENEOUS AREA # : 25
 FUNCTIONAL AREA : CLASSROOMS

TYPE OF MATERIAL : SURFACING THERMAL SYSTEM INSULATION MISC. ✓

APPROXIMATE QUANTITY : 900 SQ. FT.

FRIABILITY : NON-FRIABLE ✓
 - MODERATELY FRIABLE
 - FRIABLE

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
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CONDITION OF ACM OR ACE:

Percent Distributed damage: Less than 1%.
 Type of damage: Foot traffic
 Overall rating: Good condition (3)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

Potential for contact:
 Influence of vibration:
 Potential for air erosion:

LOW			HIGH	
1	2	3	4	5
—	—	✓	✓	—
—	✓	—	—	—
—	✓	—	—	—

IS MATERIAL ACCESSIBLE?: Yes

IS MATERIAL LOCATED IN AN AIR PLENUM?: No

MANAGEMENT PLANNER'S HAZARD ASSESSMENT: Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION: Replace the missing tiles. Monitor and monitor closely

INSPECTOR'S COMMENTS:

Floor tile is in ~~fairly~~ good condition. One tile ~~visibly~~ missing. Subject to heavy traffic.

BUILDING INSPECTION REPORT AND ASBESTOS MANAGEMENT PLAN

BUILDING NUMBER : ~~RELOCATABLE~~ RELOCATABLE CLASSROOMS
 ASBESTOS-CONTAINING MATERIAL DESCRIPTION : 12" x 12" Brown F.T. w/Mastic
 HOMOGENEOUS AREA # : 28
 FUNCTIONAL AREA : CLASSROOMS

TYPE OF MATERIAL : SURFACING _____ THERMAL SYSTEM INSULATION _____ MISC. ✓

APPROXIMATE QUANTITY : 1500 SQ. Ft.

FRIABILITY : NON-FRIABLE ✓
 MODERATELY FRIABLE _____
 FRIABLE _____

MATERIAL LOCATIONS :

<u>SAMPLE #</u>	<u>SAMPLE LOCATION</u>	<u>ANALYSIS RESULTS</u>
-----------------	------------------------	-------------------------

CONDITION OF ACM OR ACE:

Percent Distributed damage: 0%

Type of damage: NONE

Overall rating: Good condition (2)

POTENTIAL FOR DISTURBANCE OF ACM OR ACE:

LOW			HIGH	
1	2	3	4	5
—	—	—	✓	—
—	—	✓	—	—
—	✓	—	—	—

Potential for contact:

Influence of vibration:

Potential for air erosion:

IS MATERIAL ACCESSIBLE?: YES

IS MATERIAL LOCATED IN AN AIR PLENUM?: NO

MANAGEMENT PLANNER'S HAZARD ASSESSMENT:

Good condition with potential for damage.

MANAGEMENT PLANNER'S RECOMMENDED RESPONSE ACTION:

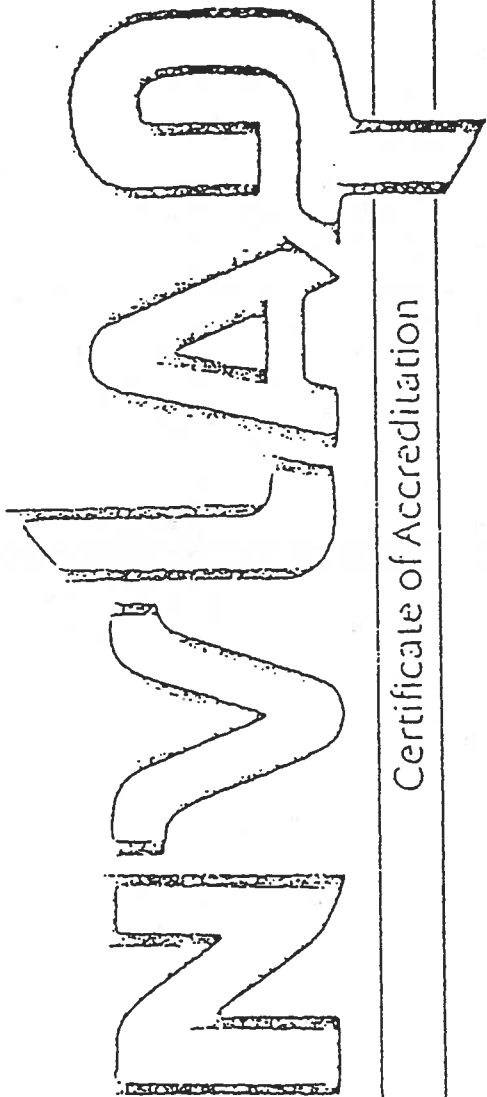
OTM - maintain and monitor.

INSPECTOR'S COMMENTS:

Floor tile is in good condition.

APPENDIX B

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation

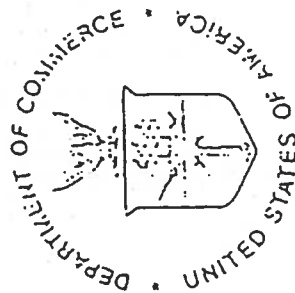
HYGEIA ENVIRONMENTAL LABORATORIES, INC.
SIERRA MADRE, CA

is recognized under the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria established in Title 15, Part 7 Code of Federal Regulations.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

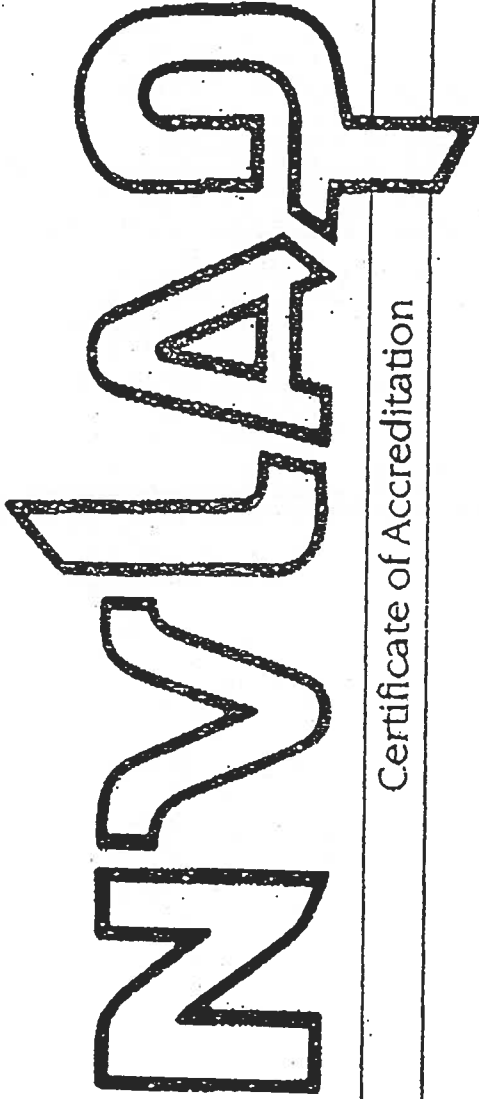
July 1, 1993

Effective until



Albert D. Phelan
For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation

CONCORD ANALYSIS, INC.
CHATSWORTH, CA

*is recognized under the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria established in Title 15, Part 7 Code of Federal Regulations.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

January 1, 1993
Effective until



Alfred P. Keller
For the National Institute of Standards and Technology

A.H.E.R.A. ACCREDITED

01765

CERTIFICATE NUMBER



NATIONAL ENVIRONMENTAL
TRAINING FOR HAZARDOUS MATERIALS AND ASBESTOS

1019 W. Manchester Blvd., Inglewood, CA 90301
In Calif. (800) 544-8323 • (213) 645-4516 • Fax (213) 645-0148

This is to certify that

WILLIAM ANTHONY MCKINLEY

563-59-4047

HAS SUCCESSFULLY COMPLETED THE COURSE AND PASSED THE
EXAMINATION FOR BUILDING INSPECTOR AS PRESCRIBED BY
THE ENVIRONMENTAL PROTECTION AGENCY FOR PRACTICES
AND PROCEDURES IN ASBESTOS ABATEMENT.

JUNE 24, 1992
EXAMINATION DATE

JUNE 23, 1993

EXPIRATION DATE

JUNE 22-24, 1992
TRAINING DATE



James McFarland
Program Director

NATIONAL ENVIRONMENTAL

The Environmental Institute

Renato Nalupa

*Has completed coursework that meets the criteria required for the
EPA-Model Reaccreditation Course*

*Asbestos in Buildings:
Inspector and Management Planner Refresher*

4017-IMR
Certificate Number

June 2, 1993
Course Date

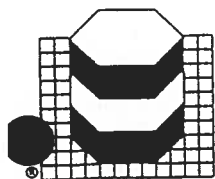
June 2, 1994
Expiration Date

Bruce R. Tingley
Course Director



APPENDIX C

PRIMARY LABORATORY



82 W. Sierra Madre Blvd.
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York
Utica

RECEIVED MAY 26 1992

May 20, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
5777 W. Century Blvd.
Los Angeles, CA 90045

Subject: PLM Analysis of Bulk Samples - Normal
C1122920032
McKinley 41017.00

Dear Mr. Sabatino:

This report, which includes the attached Summary, contains the results of the analyses of the 110 bulk samples collected by you and submitted to this laboratory on April 23, 1992. The analyses were performed in accordance with the EPA Interim Method 600/M4-82-020, December 1982. The phase abundances provided are visually estimated and expressed as percent area. These results should be considered to lie within statistical limits of variability inherent in the method employed. On a per sample basis, the accuracy and precision of the results depend on the type of sample and on its asbestos content.

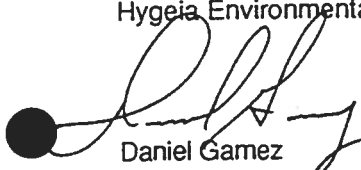
Hygeia recommends transmission electron microscopy (TEM) analysis on bulk materials which contain a large amount of interfering materials (e.g., vinyl floor tile, mastics, roofing materials, joint compounds) when polarized light microscopy (PLM) analysis shows less than one percent or undetectable quantities of asbestos. These materials often contain milled asbestos with fiber lengths of one micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result.

Hygeia Environmental Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk materials by polarized light microscopy and the State of California for asbestos analysis.

Hygeia Environmental Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of three months unless otherwise specified. This report relates only to the samples submitted and analyzed.

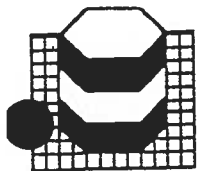
If you have any questions regarding your results, this report, or the analytical methods employed, please feel free to contact us at (818) 355-4711.

Sincerely,
Hygeia Environmental Laboratories Inc.


Daniel Gamez
Supervisor of Optical Microscopy

Attachments
klo


Gustavo A. Delgado, Ph.D.
VP/Director of Operations
Hygeia, Los Angeles Region



82 W. Sierra Madre Blvd
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York

Bulk Sample Analysis Summary

May 20, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
5777 W. Century Blvd.
Los Angeles, CA 90045

Hygeia Ref. No.: C1122920032
Date Received: April 23, 1992
Date Analyzed: April 28, 1992
No. Samples: 110
Analytical Method: EPA 600/M4-82-020

Client Project: McKinley 41017.00
Microscopist: Arturo Casas

NIST / NVLAP Lab Code No. 1011-04
California Dept of Health Services
ELAP Certificate No. 1269

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-1-1 58633C	plaster	No	100% mineral filler	
M-1-2 58634C	plaster	No	90% mineral filler 10% non-fibrous material	
M-1-3 58635C	plaster	No	90% mineral filler 10% non-fibrous material	
M-1-4 58636C	plaster	No	90% mineral filler 10% non-fibrous material	
M-1-5 58637C	plaster	No	90% mineral filler 10% non-fibrous material	
M-2-1 58638C	gyp. walls	No	100% mineral filler	

Bulk Sample Analysis Summary

Page 2

Date: May 20, 1992
Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-2-2 58639C	<i>gyp. walls</i>	No	90% mineral filler 10% non-fibrous material	
M-2-3 58640C	<i>gyp. walls</i>	No	90% mineral filler 10% non-fibrous material	
M-2-4 58721C	<i>gyp. walls</i>	No	5% cellulose 95% mineral filler	
M-3-1 58722C	<i>plaster</i>	No	90% mineral filler 10% non-fibrous material	
M-3-2 58723C	<i>plaster</i>	No	90% mineral filler 10% non-fibrous material	
M-3-3 58724C	<i>plaster</i>	No	90% mineral filler 10% non-fibrous material	
M-4-1 58725C	<i>ceiling tile</i>	No	5% cellulose 80% fibrous glass 15% non-fibrous material	
M-4-2 58726C	<i>ceiling tile</i>	No	10% cellulose 75% fibrous glass 15% non-fibrous material	

Bulk Sample Analysis Summary

Page 3

Date: May 20, 1992
Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-4-3 58727C	ceiling tile	No	10% cellulose 75% fibrous glass 15% non-fibrous material	
M-5-1 58728C	ceiling tile	No	60% cellulose 20% fibrous glass 10% perlite 10% non-fibrous material	X
M-5-2 58729C	ceiling tile	No	60% cellulose 20% fibrous glass 10% perlite 10% non-fibrous material	X
M-5-3 58730C	ceiling tile	No	65% cellulose 15% fibrous glass 10% perlite 10% non-fibrous material	X
M-5-4 58731C	ceiling tile	No	60% cellulose 15% fibrous glass 10% perlite 15% non-fibrous material	
M-6-1 58732C	ceiling tile	No	80% cellulose 20% non-fibrous material	X
M-6-2 68733C	ceiling tile	No	80% cellulose 20% non-fibrous material	
M-6-3 58734C	ceiling tile	No	90% cellulose 10% non-fibrous material	

Bulk Sample Analysis Summary

Page 4

Date: May 20, 1992
Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-7-1 58735C	ceiling tile/mastic	No	20% cellulose 80% mineral filler	
M-7-2 58736C	ceiling tile/mastic	No	20% cellulose 80% mineral filler	
M-7-3 58737C	ceiling tile/mastic	No	30% cellulose 70% mineral filler	X
M-7-4 58738C	ceiling tile/mastic	No	20% cellulose 80% mineral filler	
M-8-1 58739C	plaster	No	3% cellulose 90% mineral filler 7% non-fibrous material	
M-8-2 58740C	plaster	No	85% mineral filler 15% non-fibrous material	
M-8-3 58741C	plaster	Yes	3% chrysotile 50% mineral filler 30% perlite 17% non-fibrous material	
M-8-4 58742C	plaster	No	3% cellulose 85% mineral filler 12% non-fibrous material	

Bulk Sample Analysis Summary

Page 5

Date: May 20, 1922

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-8-5 58743C	plaster	No	3% cellulose 90% mineral filler 7% non-fibrous material	
M-8-6 58744C	plaster	Yes	3% chrysotile 50% cellulose 30% perlite 17% non-fibrous material	
M-8-7 58745C	plaster	No	80% mineral filler 10% non-fibrous material	
M-8-8 58746C	plaster	No	100% mineral filler	
M-8-9 58747C	plaster	No	90% mineral filler 10% non-fibrous material	
M-9-1 58748C	partition wall	No	50% cellulose 50% mineral filler	
M-10-1 58749C	ceiling tile	No	90% cellulose 10% non-fibrous material	
M-11-1 58750C	plaster ceiling	No	3% cellulose 90% mineral filler 7% non-fibrous material	

Bulk Sample Analysis Summary

Page 6

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-11-2 58751C	plaster ceiling	No	100% mineral filler	
M-11-3 58752C	plaster ceiling	No	90% mineral filler 10% non-fibrous material	
M-11-4 58753C	plaster ceiling	No	3% cellulose 90% mineral filler 7% non-fibrous material	X
M-11-5 58754C	plaster ceiling	No	90% mineral filler 10% non-fibrous material	
M-13-1 58755C	stucco	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-13-2 58756C	stucco	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-13-3 58757C	stucco	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-13-4 58758C	stucco	Yes	2% chrysotile 90% mineral filler 8% non-fibrous material	

Bulk Sample Analysis Summary

Page 7

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-13-5 58759C	stucco	No	3% wollastonite 80% mineral filler 17% non-fibrous material	
M-15-1 58760C	ceiling tile	No	95% mineral filler 5% non-fibrous material	X
M-16-1 58761C	crawl space cont.	Yes	20% chrysotile 15% amosite 25% mineral filler 40% non-fibrous material	
M-17-1 (tile) 58762C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-17-1 (mastic) 58762C	floor tile	Yes	3% chrysotile 7% cellulose 40% mineral filler 50% organic binders	
M-21-1 (tile) 58763C	linoleum	No	5% cellulose 80% mineral filler 15% non-fibrous material	
M-21-1 (mastic) 58763C	linoleum	No	60% cellulose 10% synthetic 10% mineral filler 20% organic binders	
M-22-1 58764C	textured paint	Yes	3% chrysotile 60% mineral filler 37% non-fibrous material	

Bulk Sample Analysis Summary

Page 8

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-22-2 58765C	textured paint	Yes	3% chrysotile 20% cellulose 50% mineral filler 27% non-fibrous material	
M-22-3 58766C	textured paint	No	20% cellulose 10% fibrous glass 40% mineral filler 30% non-fibrous material	
M-23-1 (tile) 58767C	floor tile	Yes	2% chrysotile 80% mineral filler 18% non-fibrous material	
M-23-1 (mastic) 58767C	floor tile	Yes	15% chrysotile, 10% cellulose 15% mineral filler 60% organic binders	
M-24-1 58768C	ceiling tile	No	40% cellulose 50% fibrous glass 10% mineral filler	X
M-24-2 58769C	ceiling tile	No	50% cellulose 30% fibrous glass 5% mineral filler 15% perlite	
M-24-3 58770C	ceiling tile	No	50% cellulose 30% fibrous glass 10% perlite 10% non-fibrous material	
M-25-1 (tile) 58771C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	

Bulk Sample Analysis Summary

Page 9

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-25-1 (mastic) 58771C	floor tile	No	40% cellulose 30% mineral filler 30% organic binders	
M-26-1 58772C	roof	No	30% cellulose 25% mineral filler 30% organic binders 15% non-fibrous material	
M-26-2 58773C	roof	No	30% cellulose 30% mineral filler 25% organic binders 15% non-fibrous material	X
M-26-3 58774C	roof	No	15% fibrous glass 5% mineral filler 30% organic binders 50% non-fibrous material	
M-27-1 58775C	gyp. walls	No	30% cellulose 70% mineral filler	X
M-27-2 58776C	gyp. walls	No	40% cellulose 60% mineral filler	
M-28-1 (tile) 58777C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-28-1 (mastic) 58777C	floor tile	Yes	10% chrysotile 50% mineral filler 40% organic binders	

Bulk Sample Analysis Summary

Page 10

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-28-2 (tile) 58778C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-28-2 (mastic) 58778C	floor tile	Yes	10% chrysotile 40% cellulose 20% mineral filler 30% organic binders	
M-29-1 (tile) 58779C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-29-1 (mastic) 58779C	floor tile	Yes	3% chrysotile 70% mineral filler 27% organic binders	
M-29-2 (tile) 58780C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-29-2 (mastic) 58780C	floor tile	Yes	3% chrysotile 70% cellulose 7% mineral filler 20% organic binders	
M-29-3 (tile) 58781C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-29-3 (mastic) 58781C	floor tile	Yes	3% chrysotile 15% cellulose 60% mineral filler 22% non-fibrous material	

Bulk Sample Analysis Summary

Page 11

Date: May 20, 1992
Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-30-1 (tile) 58782C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-30-1 (mastic) 58782C	floor tile	Yes	10% chrysotile 5% cellulose 30% mineral filler 55% organic binders	
M-30-2 (tile) 58783C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-30-2 (mastic) 58783C	floor tile	Yes	10% chrysotile 40% mineral filler 50% organic binders	
M-30-3 (tile) 58784C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-30-3 (mastic) 58784C	floor tile	Yes	3% chrysotile 40% mineral filler 50% organic binders 7% non-fibrous material	
M-31-1 58785C	linoleum	No	30% cellulose 10% synthetic 40% mineral filler 20% wollastonite	
M-31-2 58786C	linoleum	No	30% cellulose 10% synthetic 40% mineral filler 20% wollastonite	

Bulk Sample Analysis Summary

Page 12

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-31-3 58787C	linoleum	No	35% cellulose 5% synthetic 40% mineral filler 20% non-fibrous material	
M-32-1 (tile) 58788C	linoleum	No	60% cellulose 20% mineral filler 20% non-fibrous material	
M-32-1 (mastic) 58788C	linoleum	No	70% cellulose 10% synthetic 10% mineral filler 10% organic binders	
M-32-2 (tile) 58789C	linoleum	No	60% cellulose 20% mineral filler 20% non-fibrous material	
M-32-2 (mastic) 58789C	linoleum	No	70% cellulose 10% synthetic 10% mineral filler 10% organic binders	
M-32-3 (tile) 58790C	linoleum	No	60% cellulose 20% mineral filler 20% non-fibrous material	X
M-32-3 (mastic) 58790C	linoleum	No	70% cellulose 10% synthetic 10% mineral filler 10% organic binders	
M-33-1 (tile) 58791C	floor tile	Yes	2% chrysotile 80% mineral filler 18% non-fibrous material	

Bulk Sample Analysis Summary

Page 13

Date: May 20, 1992

Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-33-1 (mastic) 58791C	floor tile	Yes	10% chrysotile 20% mineral filler 70% organic binders	
M-33-2 (tile) 58792C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	X
M-33-2 (mastic) 58792C	floor tile	Yes	3% chrysotile 70% cellulose 10% mineral filler 17% organic binders	
M-33-3 (tile) 58793C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-33-3 (mastic) 58793C	floor tile	Yes	10% chrysotile 20% mineral filler 70% organic binders	
M-34-1 58794C	floor tile	Yes	40% chrysotile 10% cellulose 30% mineral filler 20% non-fibrous material	
M-35-1 (tile) 58795C	linoleum	Yes	50% chrysotile 30% mineral filler 20% non-fibrous material	
M-35-1 (mastic) 58795C	linoleum	Yes	2% chrysotile 8% cellulose 30% mineral filler 60% non-fibrous material	

Bulk Sample Analysis Summary

Page 14

Date: May 20, 1992
Hygeia Ref. No.: C1122920032

Microscopist: Arturo Casas

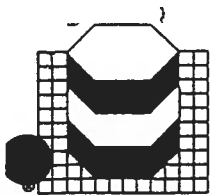
Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-35-2 (tile) 58796C	linoleum	Yes	30% chrysotile 10% cellulose 30% mineral filler 30% non-fibrous material	
M-35-2 (mastic) 58796C	linoleum	Yes	2% chrysotile 70% cellulose 8% mineral filler 20% organic binders	
M-35-3 (tile) 58797C	linoleum	Yes	30% chrysotile 10% cellulose 30% mineral filler 30% non-fibrous material	
M-35-3 (mastic) 58797C	linoleum	No	80% cellulose 20% organic binders	
M-36-1 (tile) 58798C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-36-1 (mastic) 58798C	floor tile	Yes	10% chrysotile 20% mineral filler 70% organic binders	
M-36-2 (tile) 58799C	floor tile	Yes	3% chrysotile 80% mineral filler 17% non-fibrous material	
M-36-2 (mastic) 58799C	floor tile	Yes	15% chrysotile 25% mineral filler 60% organic binders	

Microscopist:

Arturo Casas

Laboratory Supervisor:

[Signature]



RECEIVED SEP 18 1992

Atlanta
Boston
Los Angeles
New York
Utica

Hygeia Environmental Laboratories Inc.

82 W. Sierra Madre Blvd.
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

September 17, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
20280 S.Vermont Ave., Ste.250
Torrance, CA 90502

Subject: PLM Analysis of Bulk Samples - RUSH
C1122920076
McKinley /41017.26

Dear Mr. Sabatino:

This report, which includes the attached Summary, contains the results of the analyses of the 2 bulk samples collected by you and submitted to this laboratory on September 17, 1992. The analyses were performed in accordance with the EPA Interim Method 600/M4-82-020, December 1982. The phase abundances provided are visually estimated and expressed as percent area. These results should be considered to lie within statistical limits of variability inherent in the method employed. On a per sample basis, the accuracy and precision of the results depend on the type of sample and on its asbestos content.

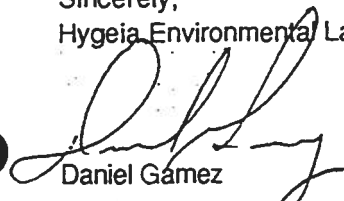
Hygeia recommends transmission electron microscopy (TEM) analysis on bulk materials which contain a large amount of interfering materials (e.g., vinyl floor tile, mastics, roofing materials, joint compounds) when polarized light microscopy (PLM) analysis shows less than one percent or undetectable quantities of asbestos. These materials often contain milled asbestos with fiber lengths of one micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result.

Hygeia Environmental Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk materials by polarized light microscopy and the State of California for asbestos analysis.

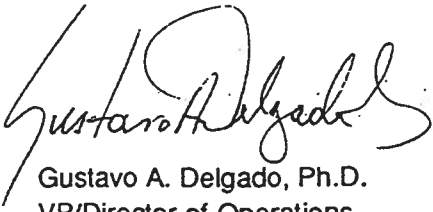
Hygeia Environmental Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of three months unless otherwise specified. This report relates only to the samples submitted and analyzed.

If you have any questions regarding your results, this report, or the analytical methods employed, please feel free to contact us at (818) 355-4711.

Sincerely,
Hygeia Environmental Laboratories Inc.


Daniel Gamez
Supervisor of Optical Microscopy

Attachments
klo


Gustavo A. Delgado, Ph.D.
VP/Director of Operations
Hygeia, Los Angeles Region



82 W. Sierra Madre Blvd
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York

Bulk Sample Analysis Summary

September 17, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
20280 S. Vermont Ave., Ste. 250
Torrance, CA 90502

Hygeia Ref. No.: C1122920076
Date Received: September 17, 1992
Date Analyzed: September 17, 1992
No. Samples: 2
Analytical Method: EPA 600/M4-82-020

Client Project: McKinley /41017.26
Microscopist: Cesar Sandoval

NIST / NVLAP Lab Code No. 1011-04
California Dept of Health Services
ELAP Certificate No. 1269

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
--------------------------------	--------------------	----------------------	--------------------	------

M-02-05 n/a

No

20% cellulose
80% mineral filler

86307C

M-02-06 n/a

No

20% cellulose
80% mineral filler

86308C

X

Microscopist:

Laboratory Supervisor:

RECEIVED SEP 18 1992



Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York
Utica

82 W. Sierra Madre Blvd.
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

September 16, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
20280 S. Vermont Ave. Ste. 250
Torrance, CA 90502

Subject: PLM Analysis of Bulk Samples - RUSH
C1122920073
McKinley School

Dear Mr. Sabatino:

This report, which includes the attached Summary, contains the results of the analyses of the 7 bulk samples collected by you and submitted to this laboratory on September 16, 1992. The analyses were performed in accordance with the EPA Interim Method 600/M4-82-020, December 1982. The phase abundances provided are visually estimated and expressed as percent area. These results should be considered to lie within statistical limits of variability inherent in the method employed. On a per sample basis, the accuracy and precision of the results depend on the type of sample and on its asbestos content.

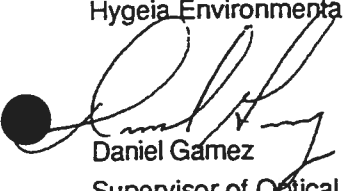
Hygeia recommends transmission electron microscopy (TEM) analysis on bulk materials which contain a large amount of interfering materials (e.g., vinyl floor tile, mastics, roofing materials, joint compounds) when polarized light microscopy (PLM) analysis shows less than one percent or undetectable quantities of asbestos. These materials often contain milled asbestos with fiber lengths of one micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result.

Hygeia Environmental Laboratories Inc. is accredited under the NIST/NVLAP program for asbestos in bulk materials by polarized light microscopy and the State of California for asbestos analysis.

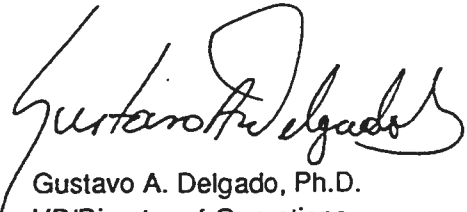
Hygeia Environmental Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of three months unless otherwise specified. This report relates only to the samples submitted and analyzed.

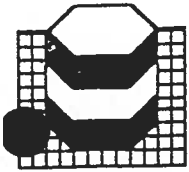
If you have any questions regarding your results, this report, or the analytical methods employed, please feel free to contact us at (818) 355-4711.

Sincerely,
Hygeia Environmental Laboratories Inc.


Daniel Gamez
Supervisor of Optical Microscopy

Attachments
klo


Gustavo A. Delgado, Ph.D.
VP/Director of Operations
Hygeia, Los Angeles Region



Hygeia Environmental Laboratories Inc.

Atlanta
Boston
Los Angeles
New York

82 W. Sierra Madre Blvd
Sierra Madre, California
91024-2434

818-355-4711
FAX: 818-355-4497

Bulk Sample Analysis Summary

September 16, 1992

Mr. Mark Sabatino
Cape Environmental Mgt. Inc.
20280 S. Vermont Ave. Ste. 250
Torrance, CA 90502

Hygeia Ref. No.: C1122920073
Date Received: September 16, 1992
Date Analyzed: September 16, 1992
No. Samples: 7
Analytical Method: EPA 600/M4-82-020

NIST / NVLAP Lab Code No. 1011-04
California Dept of Health Services
ELAP Certificate No. 1269

Client Project: McKinley School
Microscopist: Cesar Sandoval

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
M-37-01 86115C	stucco overhang	Yes	3% chrysotile 97% mineral filler	
M-37-02 86116C	stucco overhang	Yes	2% chrysotile 98% mineral filler	
M-37-03 86117C	stucco overhang	Yes	2% chrysotile 98% mineral filler	X
M-37-04 86118C	stucco overhang	Yes	2% chrysotile 98% mineral filler	
M-38-01 86119C	window putty	Yes	3% chrysotile 97% mineral filler	
M-38-02 86120C	window putty	Yes	4% chrysotile 96% mineral filler	

Bulk Sample Analysis Summary

Page 2

Date: *September 16, 1992*

Hygeia Ref. No.: *C1122920073*

Microscopist: *Cesar Sandoval*

Client ID No. Hygeia ID No.	Sample Description	Asbestos Detected	Analytical Results	Q.C.
--------------------------------	--------------------	----------------------	--------------------	------

M-38-03

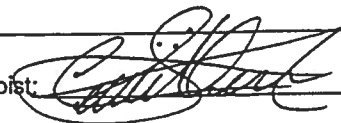
window putty

Yes

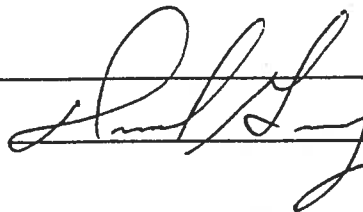
*3% chrysotile
97% mineral filler*

86121C

Microscopist:



Laboratory Supervisor:



QUALITY CONTROL LABORATORY

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Environmental Management, Inc.
5777 West Century Blvd., Suite 206
Los Angeles, CA 90045

JOB SITE: McKinley Elem. #41017.26

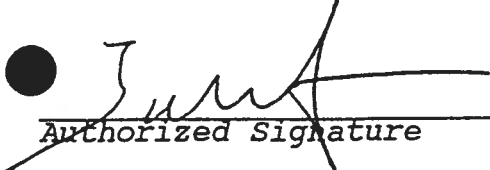
RECEIVE DATE: 5-11-92

REPORT DATE : 5-15-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS
QC-MK-35-02		CHRYSTILE 20.0% AMOSITE Not-Det. OTHER: Not-Det. TYPE: TOTAL ABS.: 20.0%	Cellulose Calcite Quartz Glass Lizardite Binder
L1820511 -09	Floor Tile		
COLOR: Beige, Gray, Black			
QC-M-24-3		CHRYSTILE Not-Det. AMOSITE Not-Det. OTHER: Not-Det. TYPE: TOTAL ABS.: Not-Det.	Cellulose Perlite Mineral Wool Binder Accessory
L1820511 -10			
COLOR: White, Gray			
QC-M-28-2		CHRYSTILE 3.0% AMOSITE Not-Det. OTHER: Not-Det. TYPE: TOTAL ABS.: 3.0%	Cellulose Calcite Quartz Glass Lizardite Binder
L1820511 -11	Floor Tile		
COLOR: Brown			
QC-M-28-2		CHRYSTILE 5.0% AMOSITE Not-Det. OTHER: Not-Det. TYPE: TOTAL ABS.: 5.0%	Cellulose Calcite Quartz Glass Binder Accessory
L1820511 -11A	Mastic		
COLOR: Black			

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) NVLAP Lab ID: 1884


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Environmental Management, Inc.
5777 West Century Blvd., Suite 206
Los Angeles, CA 90045

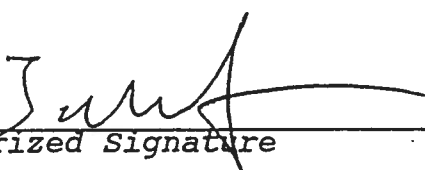
JOB SITE: McKinley Elem. #41017.26
RECEIVE DATE: 5-11-92

REPORT DATE : 5-15-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
QC-M-26-1		CHRYBOTILE Trace	Cellulose	Calcite
L1820511		AMOSITE Not-Det.		Quartz
-12		OTHER: Not-Det.		Glass
COLOR: Black, Gray		TYPE:		Binder
		TOTAL ABS.: Trace	NONASB 40.0%	Accessory
QC-M-6-01		CHRYBOTILE Not-Det.	Cellulose	Glass
L1820511		AMOSITE Not-Det.		Binder
-13		OTHER: Not-Det.		Accessory
COLOR: White, Brown		TYPE:		
		TOTAL ABS.: Not-Det.	NONASB 90.0%	
QC-M-4-01		CHRYBOTILE Not-Det.	Cellulose	Perlite
L1820511		AMOSITE Not-Det.	Mineral Wool	Binder
-14		OTHER: Not-Det.		Accessory
COLOR: Beige		TYPE:		
		TOTAL ABS.: Not-Det.	NONASB 60.0%	
QC-M-16-01		CHRYBOTILE 40.0%	Cellulose	Glass
L1820511		AMOSITE 25.0%	Glass	Binder
-15		OTHER: Not-Det.		Accessory
COLOR: White		TYPE:		
		TOTAL ABS.: 65.0%	NONASB 10.0%	

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) NVLAP Lab ID: 1884


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Environmental Management, Inc.
5777 West Century Blvd., Suite 206
Los Angeles, CA 90045

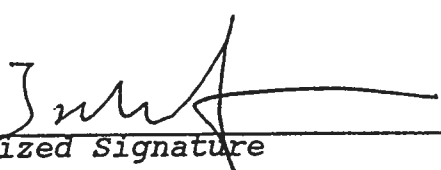
JOB SITE: McKinley Elem. #41017.26
RECEIVE DATE: 5-11-92

REPORT DATE : 5-15-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS	
QC-M-8-01		CHRYBOTILE Not-Det.	Cellulose	Calcite
L1820511		AMOSITE Not-Det.		Quartz
-16		OTHER: Not-Det.		Glass
COLOR: Beige		TYPE:		Biotite
		TOTAL ABS.: Not-Det.	NONASB 2.0%	Feldspar
QC-MK-33-01		CHRYBOTILE 3.0%	Cellulose	Calcite
L1820511	Floor Tile	AMOSITE Not-Det.		Quartz
-17		OTHER: Not-Det.		Glass
COLOR: Gray		TYPE:		Lizardite
		TOTAL ABS.: 3.0%	NONASB 1.0%	Binder
QC-MK-33-01		CHRYBOTILE 4.0%	Cellulose	Calcite
L1820511	Mastic	AMOSITE Not-Det.		Quartz
-17A		OTHER: Not-Det.		Glass
COLOR: Black		TYPE:		Binder
		TOTAL ABS.: 4.0%	NONASB 1.0%	Accessory
QC-M-32-01		CHRYBOTILE Trace	Cellulose	Calcite
L1820511		AMOSITE Not-Det.		Quartz
-18		OTHER: Not-Det.		Glass
COLOR: Tan		TYPE:		Binder
		TOTAL ABS.: Trace	NONASB 20.0%	Accessory

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A. "Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) NVLAP Lab ID: 1884


Authorized Signature

CONCORD ANALYSIS, INC.

9960 Canoga Ave., Suite D8, Chatsworth, Ca 91311

Tel: (818) 407-0128

BULK SAMPLE ANALYTICAL RESULT

Environmental Management, Inc.
5777 West Century Blvd., Suite 206
Los Angeles, CA 90045

JOB SITE: McKinley Elem. #41017.26

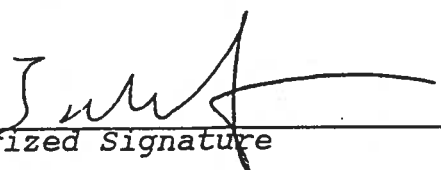
RECEIVE DATE: 5-11-92

REPORT DATE : 5-15-92

FIELD # LAB #	LOCATION/ MATERIAL	TYPE & PERCENT OF ASBESTOS	OTHER MATERIAL IN SAMPLE FIBROUS(%) / NONFIBROUS
QC-M-32-01		CHRYBOTILE Not-Det.	Cellulose Calcite
		AMOSITE Not-Det.	Quartz
L1820511		OTHER: Not-Det.	Glass
-18A		TYPE:	Binder
COLOR: Black		TOTAL ABS.:Not-Det.	NONASB 40.0% Accessory

Remark:

- (1) Analytical method: 40 CFR Part 763, subpart F, Appendix A.
"Interim Method for the Determination of Asbestos in Bulk Insulation Samples".
- (2) Test report pertains only to the sample and sampling data submitted by the client.
- (3) If no asbestos detected in Floor Tile by this method, suggest analyzing by TEM.
- (4) NVLAP Lab ID: 1884


Authorized Signature

APPENDIX D

20280 S Vermont Ave.
Suite 204
Torrance, CA 90503
(310) 692-4606

[illegible]

PROJECT NAME:

**KINLEY ELEMENTARY
SCHOOL**

POSTAGE

RELOCATABLE
CLASSROOMS

1000

10-65
58-01

11-11-11

NOTES
-ASSUMED ASBESTOS CONTAINING CHALK
BOARDS LOCATED IN CLASSROOMS.

LEGEND

ALL INFORMATION CONTAINED

**ASBESTOS-CONTAINING
FLOOR TILE AND MASTIC**

**ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED**

Doc: 100-1-10



KEY PLAN:

ARIZONA

ASPHALT PAVING
W/C&E STRIPING

SQJHS-

EXISTING SAND
BOX

SAYD BOX

ALLEY



20200 S Vermont Ave.
Suite 220
Torrance, CA 90503
(310) 522-4300

[illegible]

07/06/2018

McKINLEY ELEMENTARY
SCHOOL

QUESTIONS

BUILDING B & C

ASB-02	CARDS	9-10-92
MCSEAT2	MCSEAT5	



KEY PLAN:

SQ123

- ASBESTOS DEBRIS IN CEILING SPACE BELOW MAIN SECTION BUILDING "C".
- ASBESTOS-CONTAINING JOINT TAPE ON HEATER DUCT IN PLAYING ROOM BUILDING "C".
- CEMENT-ASBESTOS PLUMES LOCATED IN BATHROOMS.
- ASSUMED ASBESTOS-CONTAINING CHALK BOARDS LOCATED IN CLASSROOMS.

1

**ASBESTOS-CONTAINING LIQUEUM
FLOORING AND MASTIC**

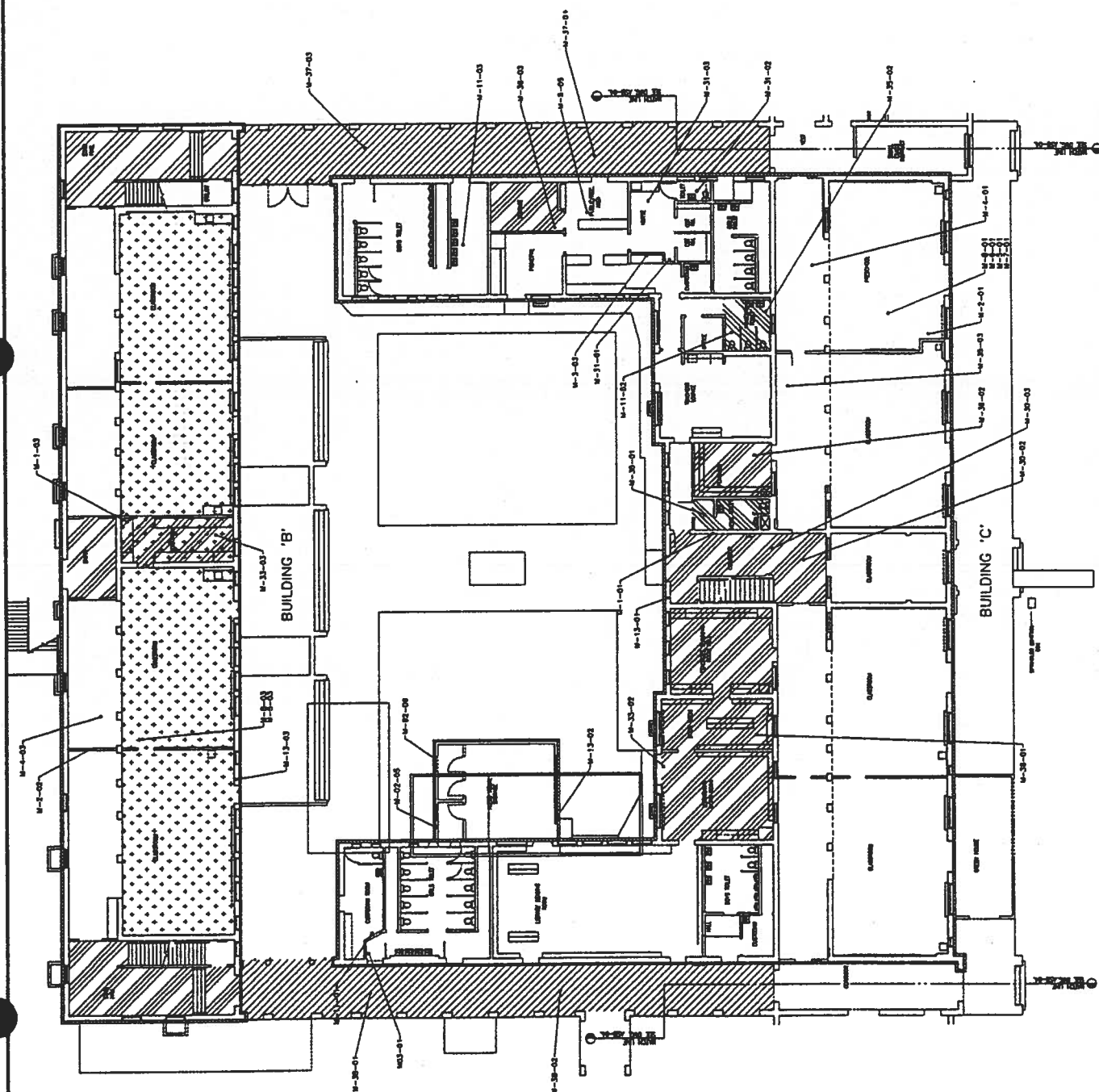
ASBESTOS-CONTAINING 12" x 12"

ASSES TO CONTAINING

ASBESTOS-CONTAINING
PRODUCTS: EYED TO

ASPIRIN - DONTADONE
CIVILIAN SUCCO

DATE 1/8-1'-8'



[illegible]

PROJECT NAME: MCKINLEY ELEMENTARY SCHOOL
SCHOOL ADDRESS: 1000 W. 10TH AVE. - DENVER, CO 80202
SCHOOL DISTRICT: DENVER SCHOOL DISTRICT

SHEET TITLE
BUILDING B & C
SECOND FLOOR

4101750	ASB-03	CPI02	SOFT. 02
		MOATES	
		UN	

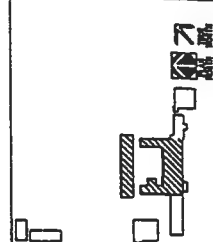
NOTES

- ASBESTOS CONTAINING FIBROBLE HVAC DUCT CONNECTIONS IN MECHANICAL EQUIPMENT ROOM.
- CEMENT ASBESTOS WINDOW PANELS IDENTIFIED IN 2ND FLOOR, TEACHERS WORKROOM, BUILDING "B".
- ASSIGNED ASBESTOS CONTAINING CHALK BOARDS LOCATED IN CLASSROOMS.

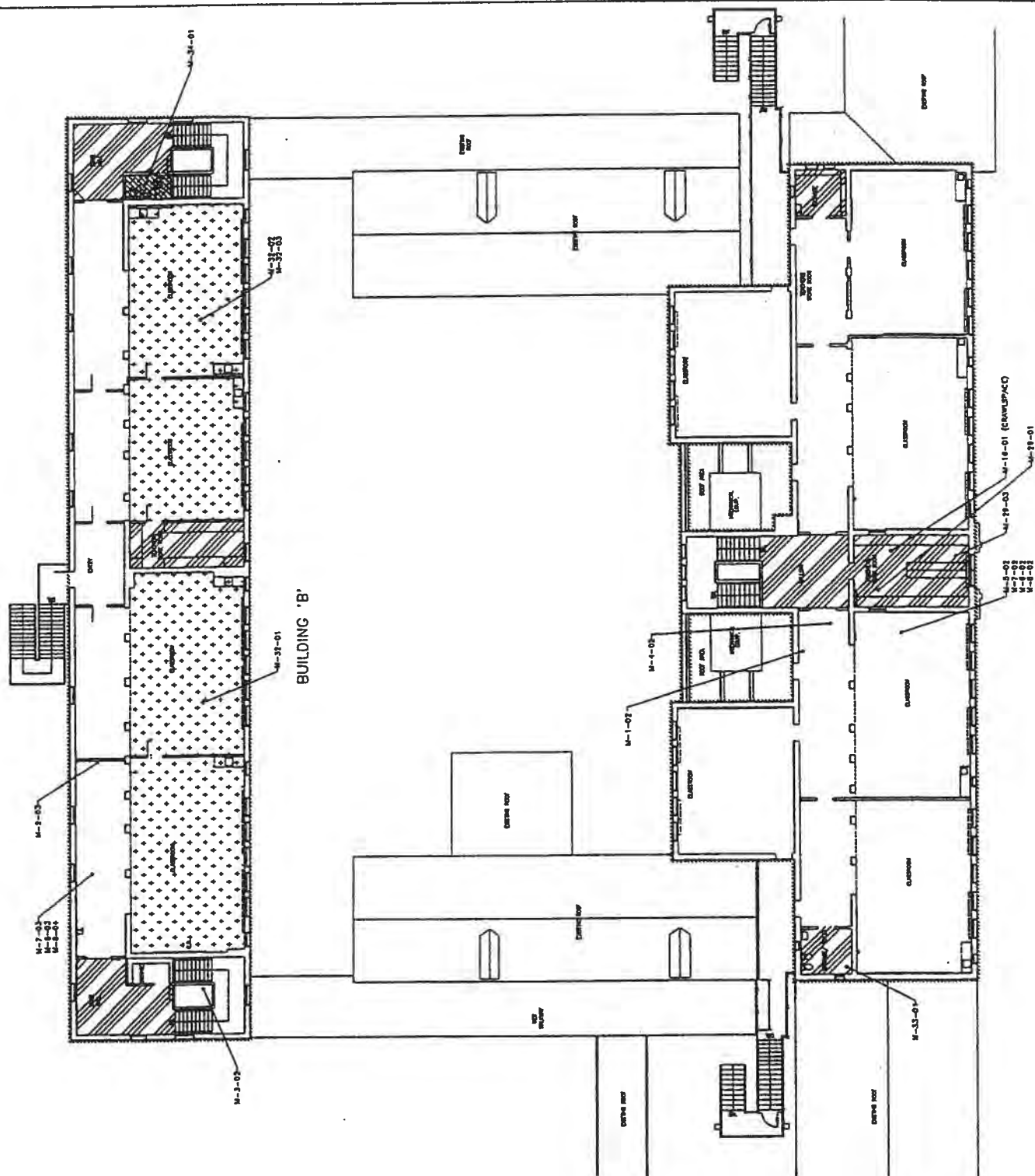
LEGEND

- | | |
|--|--|
| | ASBESTOS-CONTAINING 1/2\"
FLOOR TILE AND MASTIC |
| | ASBESTOS-CONTAINING LINOLEUM
FLOORING |
| | ASBESTOS-CONTAINING
ROUGH PLASTER CEILING |
| | ASBESTOS-CONTAINING EXTERIOR
STUCCO WALL |

20-1-2/1 15MOS



KEY PLAN:



[illegible]

PROJECT NAME: MCKINLEY ELEMENTARY SCHOOL
SOUTH BOULDER, COLORADO
SOUTH BOULDER DISTRICT

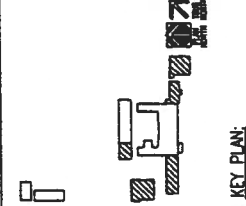
SHEET TITLE: BLOS. A. B.
BASEMENT C.
BASEMENT KIND.
& AUD. 1ST. FLR.

[illegible][illegible]

LEGEND

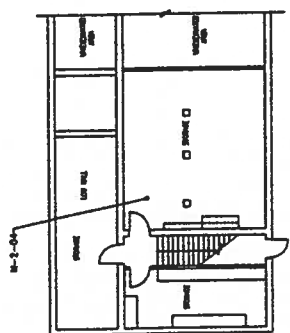
-  ASBESTOS-CONTAINING 1/2" x 1/2" FLOOR TILE AND MASTIC
 ASBESTOS-CONTAINING 9" x 9" FLOOR TILE AND MASTIC
 ASBESTOS-CONTAINING ROUGH PLASTER CEILING
 ASBESTOS-CONTAINING OVERHANG STUCCO
 ASBESTOS-CONTAINING EXTENSION STUCCO WALL
 SCALE: 1/8" = 1'-0"

Page 1 of 1

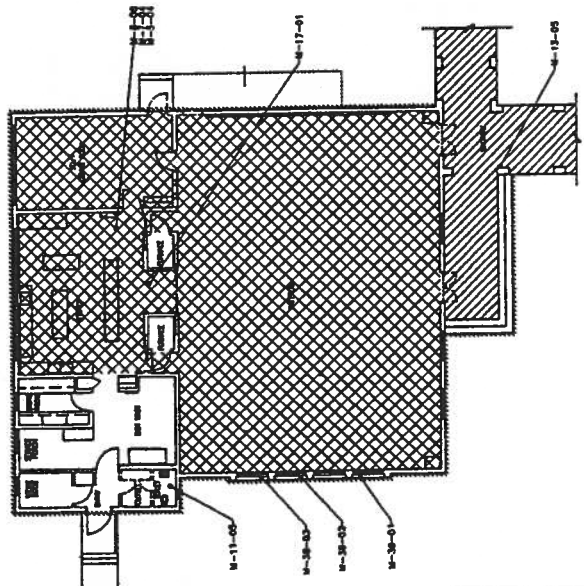


KEY PLAN:

BASEMENT FLOOR PLAN - BUILDING 'B'

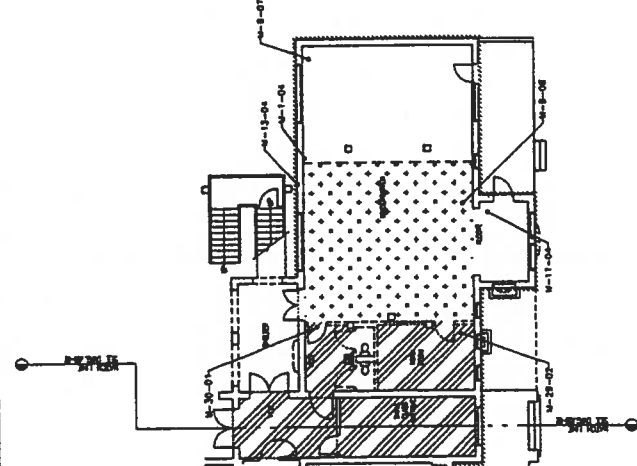


FLOOR PLAN - BUILDING 'A'



AUDITORIUM FLOOR PLAN - BUILDING 'C'

KINDERGARTEN FLOOR PLAN - BUILDING 'C'



KEY PLAN:

APPENDIX E

INSERT DOCUMENTATION FROM SUBSEQUENT ASBESTOS ABATEMENT PROJECTS

Appendix C

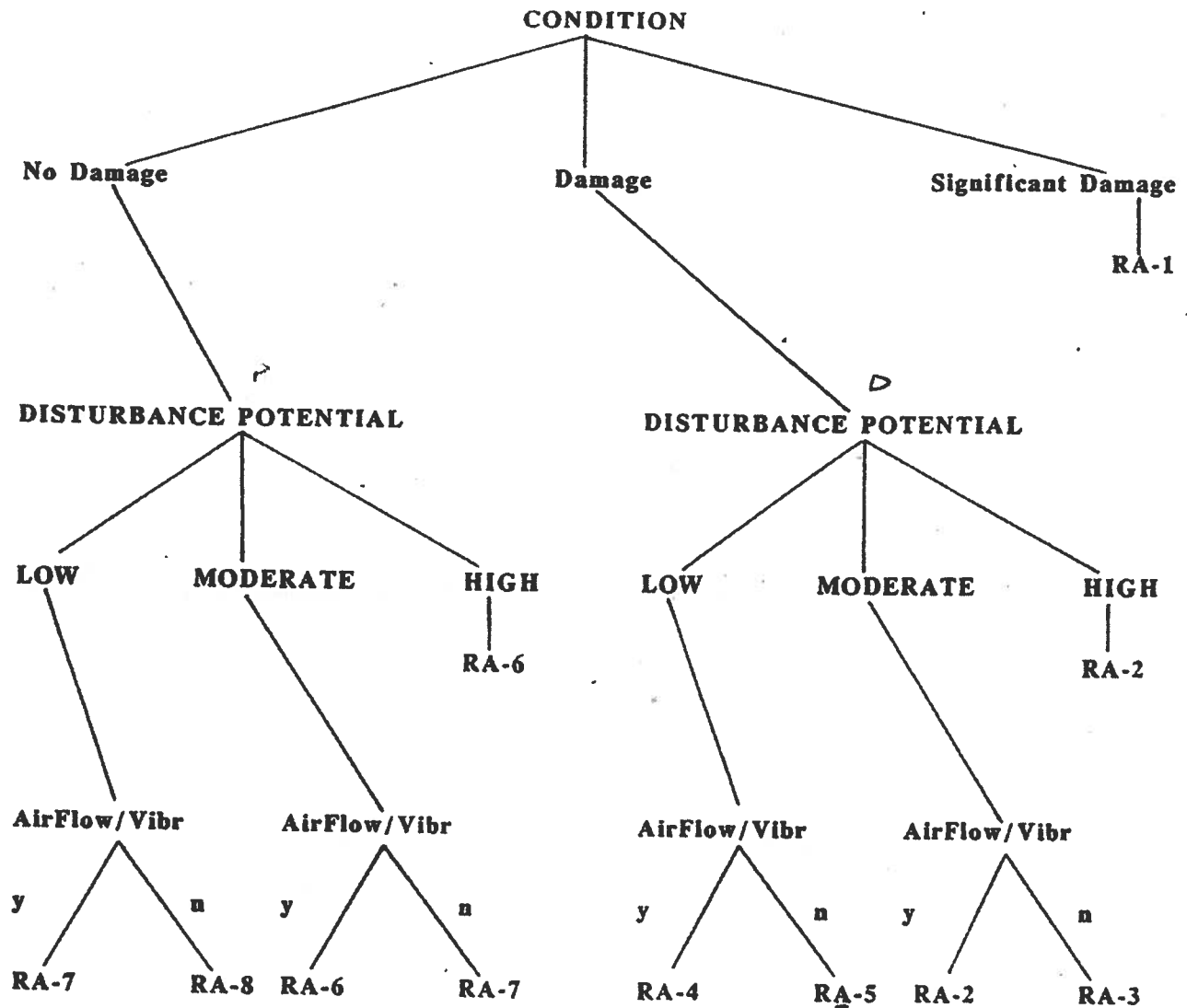
Response Action Ratings

**FIGURE 4 - RESPONSE ACTION HIERARCHY
THERMAL SYSTEM INSULATION (TSI- ACM)**

Response Action Priorities

- 1) Isolate area and restrict access. Immediate removal is mandatory; contact an Accredited Project Designer (APD).
- 2) Isolate area and restrict access. Repair or Remove Immediately; contact an APD. If ACBM remains following response action, followup with O&M; restrict access to reduce disturbance potential.
- 3) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or removal on a priority basis; contact an APD. If ACBM remains following response action, followup with O&M; limit access to reduce disturbance potential.
- 4) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or removal when practical and cost effective; contact an APD.
- 5) Continue O&M. Schedule repair or removal when practical and cost effective; contact an APD.
- 6) Same as 5 (lower priority basis).
- 7) Continue O&M. Reduce disturbance potential where practical. Remove when practical and cost effective; contact an APD.
- 8) Continue O&M until major renovation/demolition requires removal under NESHAPs or until hazard potential changes. Remove when practical and cost effective; contact an APD.

FIGURE 1 - DECISION TREE
THERMAL SYSTEM INSULATION
ASBESTOS CONTAINING BUILDING MATERIALS
(TSI-ACMs)



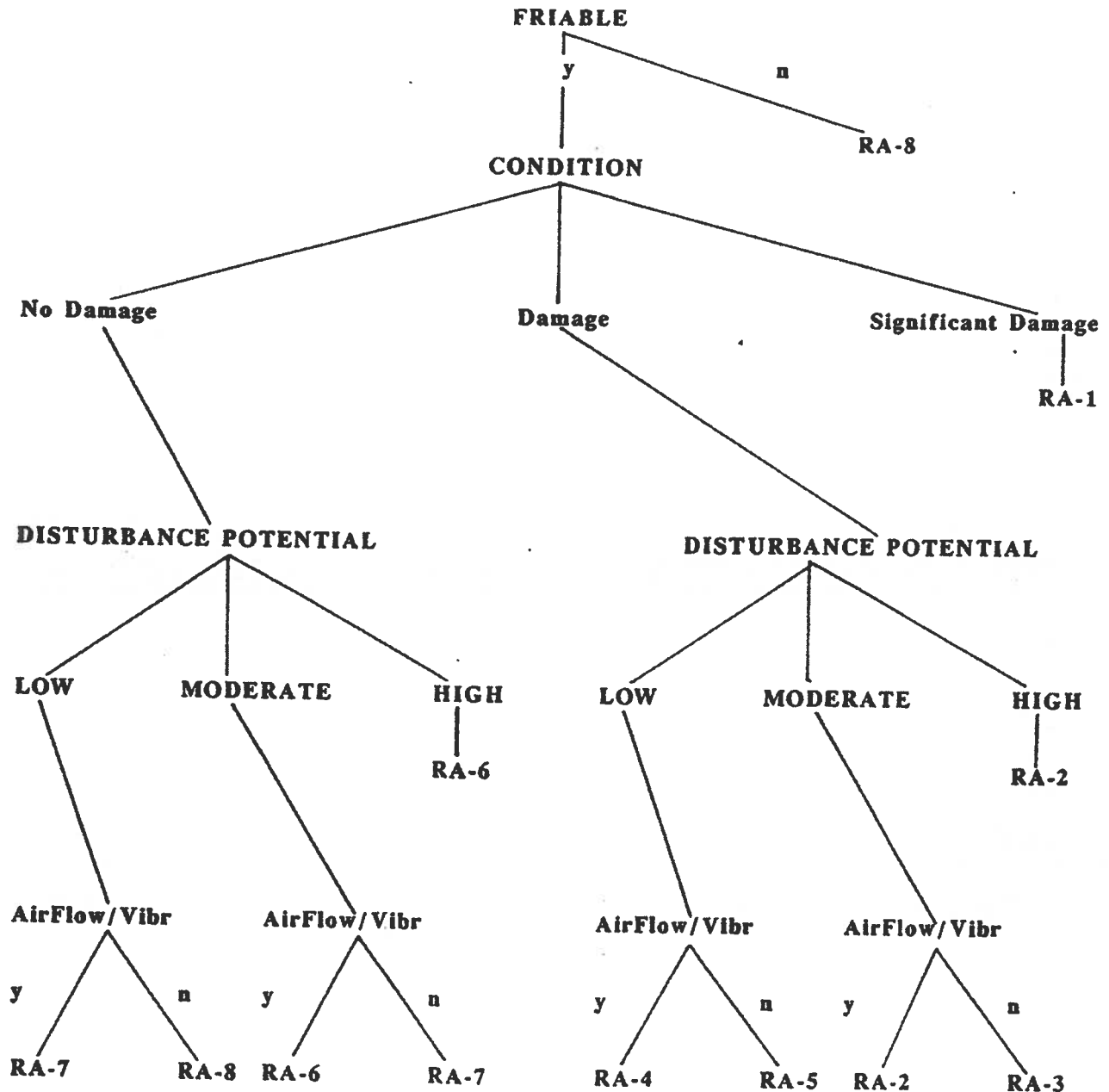
**FIGURE 5 - RESPONSE ACTION HIERARCHY
SURFACING MATERIALS (SURFACING - ACBMs)**

Response Action Priorities

- 1) Isolate area and restrict access. Immediate removal is mandatory; contact an Accredited Project Designer (APD).
- 2) Isolate area and restrict access. Repair or Remove Immediately; contact an APD. If ACBM remains following response action, followup with O&M; restrict access to reduce disturbance potential.
- 3) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or remove on a priority basis; contact an APD. If ACBM remains following response action, followup with O&M; limit access to reduce disturbance potential.
- 4) Continue O&M. Limit access to reduce disturbance potential. Schedule repair or remove when practical and cost effective; contact an APD.
- 5) Continue O&M. Schedule repair or remove when practical and cost effective; contact an APD.
- 6) Same as 5 (lower priority basis).
- 7) Continue O&M. Reduce disturbance potential where practical. Remove when practical and cost effective; contact an APD.
- 8) Continue O&M until major renovation/demolition requires removal under NESHAPs or until hazard potential changes. Remove when practical and cost effective; contact an APD.

FIGURE 2 - DECISION TREE

**SURFACING MATERIAL
ASBESTOS CONTAINING BUILDING MATERIALs
(SURFACING-ACBMs)**



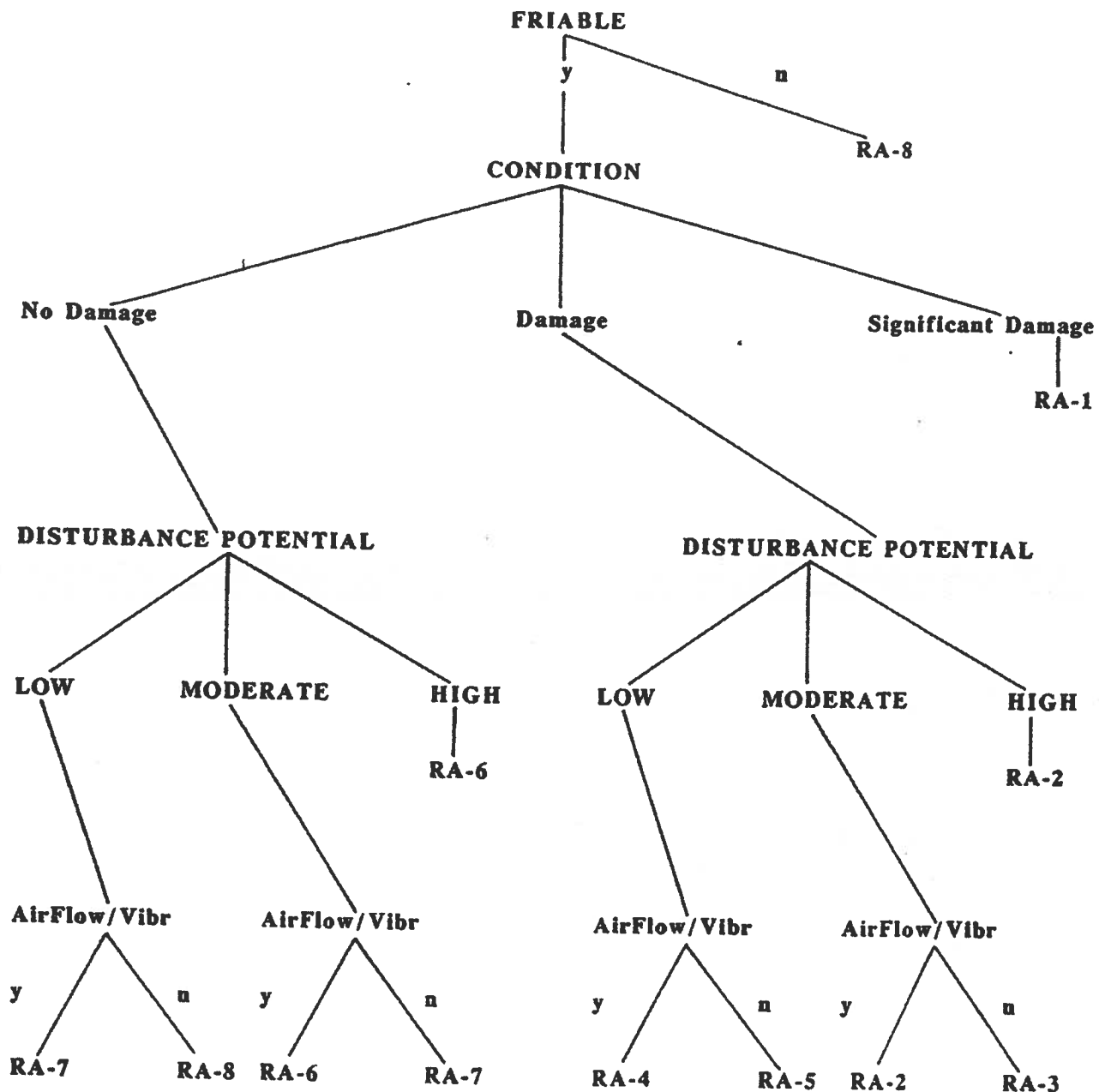
**FIGURE 6 - RESPONSE ACTION HIERARCHY
MISCELLANEOUS MATERIALS (MISC.- ACBMs)**

Response Action Priorities

- 1) Isolate area and restrict access. Immediate removal is mandatory; contact an Accredited Project Designer (APD).
- 2) Isolate area and restrict access. Repair, Encapsulate, or Remove Immediately; contact an APD. If ACBM remains following response action, followup with O&M; restrict access to reduce disturbance potential.
- 3) Continue O&M. Limit access to reduce disturbance potential. Schedule repair, encapsulate, or remove on a priority basis; contact an APD. If ACBM remains following response action, followup with O&M; limit access to reduce disturbance potential.
- 4) Continue O&M. Limit access to reduce disturbance potential. Schedule repair, encapsulate, or remove when practical and cost effective; contact an APD.
- 5) Continue O&M. Schedule repair, encapsulate, or remove when practical and cost effective; contact an APD.
- 6) Same as 5 (lower priority basis).
- 7) Continue O&M. Reduce disturbance potential where practical. Remove when practical and cost effective; contact an APD.
- 8) Continue O&M until major renovation/demolition requires removal under NESHAPs or until hazard potential changes. Remove when practical and cost effective; contact an APD.

FIGURE 3 - DECISION TREE

MISCELLANEOUS MATERIAL
ASBESTOS CONTAINING BUILDING MATERIALS
(MISC.-ACBMs)



Appendix D

Field Sheets

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMANUSP

110-0006

Hickory E.S. - Building - A

Page 1 of 2

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
N	12" Acoustical tile	Same as previously noted - Sample # 5851	ND	Y	900 sq. ft.	NEG	N/A
S	Rough Plaster Ceiling	# 5852 - 5855	ND	N	2000 sq. ft.	NEG	
S	Smooth Plaster Ceiling	# 5856 - 5859	ND	N	1200 sq. ft.	NEG	
M	Gray duct compound	# 5860	ND	N	5 sq. ft.	NEG	Assessed
S	Stucco	# 5861 - 5864	ND	N	5000 sq. ft.	Assessed 2/10/15, used 9	
S	Smooth Plaster walls	# 5865 - 5871	ND	N	4500 sq. ft.	NEG	
M	12" Green w/white Stracraft w/ Nastro	# 5872 - 5873	ND	N	4800 sq. ft.	Assessed 2/10/15	
M	4" Black Corban w/ blue	# 5874	ND	N	2400 sq. ft.	NEG	
M	2' x 2' fire-rated ceiling panel	# 5875 - 5876	ND	Y	2500 sq. ft.	Assessed 1/10/15	

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

Sumner

110-0066

Mckinley 6-S. - Buildings A

Page 2 of 2

Material Class (1)	Material	Material Location	Current Assessment (2)	Frable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S/M	Drywall w/ Jt. Compound	Same as previous report	ND	N	800 sq. ft.	NEG/PSM	12 N/A
M	2'x4' Drywall Ceiling Panel		ND	N	900 sq. ft.	NEG	
M	12" Acoustical wall tile		ND	#Y	1600 sq. ft.		
M	Roof core Gary Rolled on		ND	N	5500 sq. ft.	Ass-d	8
M	Roof Master			N	100 sq. ft.		8
M	Roof Master 2'x4' Plywood Giss-d Ceiling Panel			N	200 sq. ft.	NEG	N/A
M	9" Green Flow tile w/ Master	Not observed					
T.S.I.	Pipe and Pipe fitting T.S.I.						

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing;

ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

coffey environments
SPECIALISTS IN ENVIRONMENTAL
SOCIAL AND SAFETY PERFORMANCE

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

Summer

110-0006

McKinley E.S. - Building B

Page 1 of 3

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Rough Plaster walls	Corridor, walls, dark blue, R-107-2210, Custodian R-107-2210, Bureau of State of Ohio, Bureau of State of Ohio	ND	N	32,000 sq. ft.	NEG	N/A
S/POS	Drywall w/ st. C.P.	S-6 As Previous. Report	ND	N	900 sq. ft.	NEG	
M	Carpet ceiling		ND	N	9,500 sq. ft.	Ass-d 2	
M	12" Fiss-d Ceiling tile w/ glue		ND	POS	900 sq. ft.	Ass-d 2	
M	Hot Brick (yellow)		ND	Y	20 sq. ft.	NEG	
M	12" x 12" Brown F.T. w/ Moisture		ND	N	10 sq. ft.	Positive	8
M	12" x 12" White F.T. w/ Moisture		I	N	10 sq. ft.	I	8
M	Roof felt under clay tiles		ND	N	6,000 sq. ft.	Ass-d	8
M	Roof Moisture (Between Clay tiles)		I	I	100 sq. ft.	I	8

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SHUUSD

110-0006

McKale E.S. - Building B

Page 2 of 3

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	chalkboard	Same As Previous Report	ND	N	8 each	Ass - 1	8
M	12" H. Blue Speckled Hortifiber		ND	N	2000 sq. ft.	NEG	N/A
M	6" Dk. Green Corrugated w/ Gypsum		ND	N	1,750 sq. ft.	1	1
M	Floor Gypsum Paper		ND	N	5000 sq. ft.	NEG	1
T.S.I	8" Pipe Insulation		ND	Y	12 sq. ft.	Pos	8
M	Tan Insulation Mats		ND	N	5000 sq. ft.	NEG	N/A
S	Stucco		ND	N	7,500 sq. ft.	Pos.	8
M	2"x4" Lined (Ceiling Panels - Smooth)		ND	Y	7500 sq. ft.	NEG	N/A
M	2" Chalkboard		ND	Y	2400 sq. ft.	NEG	1

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client: SMUSD
 Project No: 910-0006
 Project Name: McKivley E.S. - Bldg B

Client: SMUSD
 Project No: 910-0006
 Project Name: McKivley E.S. - Bldg B

Page 3 of 3

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" Acoustic tile and Mastic	Same as Previous Rep	ND	Y	1600 sq ft	NEG	N/A
S/M	Gypsum board w/ J-Gap		ND	N	1000 sq ft	NEG	
M	12" Olive Green tile w/ Mastic	Not obs	D				
M	olive pattern tile			D			
M/S	Dynall w/ Mastic	at back of room at back of closet	ND	N	640 sq ft	Assumed Neg	N/A
M	Beige carpet on ducts		ND	N	500 sq ft	Neg	

- (1) S – surfacing, TSI – thermal system insulation, M – miscellaneous
 (2) ND – not damaged, D – damaged, SD – significantly damaged
 (3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SHUWID

110-0006

McKinley E.S. - Bldg C

Page 1 of 4

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Rough Plaster Wall	Same As Previous Report	ND	N	4000 sq. ft	NEG	N/A
I	Smooth Plaster Wall				3,650 sq. ft		
I	Rough Plaster Ceiling				19,000 sq. ft		
I	Smooth Plaster Ceiling				1900 sq. ft		
M	12" Gray Speckled Flowable Mortar				900 sq. ft	NEG	
M	4" Dk Green concrete base w/ galva				650 sq. ft		
M	Carpet Bann Paper		ND	N	4,800 sq. ft	Assumed NEG	
M/S	Original w/ mud	Rose Park Dining walls & P-200 & 206	ND	N	3500 sq. ft	NEG	
M	Base coats	Water closet	ND	N	20' SS	neg	

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMMD

110-0006

Hickory E.S. - Building C

Page 2 of 4

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	12" Lt. Blue Speckled Floor Tile w/ Glue	Sinks Previous Report	ND	N	1850 sq. ft	NEG	N/A
	4" DK. Green/Lavender w/ Glue				2250 sq. ft	NEG	
	12" Blue Speckled Floor Tile				1,450 sq. ft	NEG	
	2'x2' Fissured Ceiling Panel				2800 sq. ft	NEG	
	Chalkboards		ND	N	20 each	Assd	8
	Heater Vent Grates	Pot obs'd	ND	N	ND obs'd	Assd	8 N/A
	Roof Membr		PD	N	150 sq. ft	Assd	8
	Roof-clay tile Barin Pipe				15000 sq. ft	Assd	8
	Vibration Bedding		ND	N	1 each	Not suspect	8

(1) S - surfacing, TSI - thermal system insulation, M - miscellaneous

(2) ND - not damaged, D - damaged, SD - significantly damaged

(3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing; ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SHAWCO

110-0006

Mckinley E.S. - Bldg 6

Page 3 of 4

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
T.S.I.	6" O.P. Pipe Insulation debris	Basement Crumple	ND	Y	5 sq. ft	Pos	Y
S/M	Drywall w/ Mud	Heater Room - Crumple Rm, Heater Chute at 200 & 206	ND	N	900 sq. ft	NEG	N/A
T.S.I.	Hot Brick	Furnace Rm	ND	N	40 sq. ft	—	
T.S.I.	Furnace Debris	Furnace Rm by furnace unit	ND	N	10 sq. ft	NEG	
M	Brown Floorings Material & Brown Pipe Crumple	Rooms 101/106 under Crumple	ND	Y/NO	6250 sq. ft	NEG	
M	13" Brown/White Mortar w/ Marble	Same As Previous Report		N	800 sq. ft	Pos	
S M (3)	Portico overhangs stucco			N	4500 sq. ft	Pos	
M	Brown Insulation on Floor			Y/NO	280 sq. ft	NEG	N/A
M	12" Olive Marble w/ Marble			N	80 sq. ft	Pos	

(1) S – surfacing, TSI – thermal system insulation, M – miscellaneous

(2) ND – not damaged, D – damaged, SD – significantly damaged

(3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMUUSD

110-0006

Mekinley E.S. - Bldg C

Page 4 of 4

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	1'x1' acoustical tile w/ Mastic	Same as Previous Report	ND	Y	17000 sq. ft.	NEG	N/A
M	2'x4' lay in ceiling Panel Rough fissured			Y	4000 sq. ft.	NEG	
M	2'x4' lay in ceiling Panel fissured smooth			Y	13000 sq. ft.	NEG	
S	Stucco			N	22000 sq. ft.	POS	8
M	12" Orange flow tile w/ Mastic	Not observed		N			
	Tan Pattern tile w/ Mastic						
	12" Green flow tile w/ Mastic						

(1) S – surfacing, TSI – thermal system insulation, M – miscellaneous

(2) ND – not damaged, D – damaged, SD – significantly damaged

(3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing

(4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMUUSD
110-1006
McKinley E.S. - Kindergarten

Page 1 of 2

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Drywall Jt.		ND	N	5000 sq. ft	NEG	N/A
M	Drywall Jt. Ceiling Panel		ND	N	2000 sq. ft	Pos.	8
S	Stucco		ND	N	4000 sq. ft	NEG	N/A
M	2'x4' Gypsum Ceiling Panel		ND	Y	2500 sq. ft	NEG	
M	1/2" Brown Gypsum Ceiling Panel				2500 sq. ft		
M	Carpet Gypsum				500 sq. ft		
M	12" Yellow Gypsum Board		ND	N	900 sq. ft	NEG	
M	12" Blue Gypsum Board		ND	N	750 sq. ft		
M	Way Packed on Roof		ND	N	2500 sq. ft	AS - d	8

- (1) S - surfacing, TSI - thermal system insulation, M - miscellaneous
 (2) ND - not damaged, D - damaged, SD - significantly damaged
 (3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing
 ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SHMUSD

110-0006

McKinley E.S. - Kindergarten

Page 2 of 2

Material Class (1)	Material	Material Location	Current Assessment (2)	Friable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Roof Membrane	Roof - Penthouse	PD	N	40 sq. ft.	Ass - d	N
M	Chalkboards	Rooms 70, 71	I	I	40 sq. ft.	I	8
S	Smooth Plaster Ceiling	Roof - Penthouse	D				
M	12" orange floor tile / Plaster	Rm 71 - North End, - 1st Floor North End - 1st Floor	PD	N	1600 sq. ft.	Pos	8

- (1) S - surfacing, TSI - thermal system insulation, M - miscellaneous
 (2) ND - not damaged, D - damaged, SD - significantly damaged
 (3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing
 ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1-8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client: SMUUSD
 Project No: 110-0006
 Project Name: Nickelby E.C. - B Part 1, B1-DB9

Page 1 of 2

Material Class (1)	Material	Material Location	Current Assessment (2)	Frable (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	2'x4' Fiberglass Ceiling Panel	Same as previous Report	ND	Y	10,000 sq ft	ASSED 2 NOS	N/A
M	12" Blue Speckled Floor tile w/ beige base		ND	N	500 sq ft		
M	4" DK Blue Cove base w/ beige				350 sq ft		
M	Coped blue				5000 sq ft		
M/C	Drywall w/ mud				750 sq ft	NEG	
M	Drywall				12000 sq ft	ASSED 2 NOS	
M	4" Brown Cove w/ beige				575 sq ft		
M	12" Lt. Blue Speckled Floor tile w/ beige				50 sq ft	NEG	
M	Beige floor sheeting				80 sq ft		

- (1) S – surfacing, TSI – thermal system insulation, M – miscellaneous
 (2) ND – not damaged, D – damaged, SD – significantly damaged
 (3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMHUSD

110-0006

McKee E.S. Portable B1-B9

Page 1 of 2

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
M	Roller on back	Portable B1-B9	ND	N	10800 sq.ft.	Assumed	8
M	Roller M. 1/2		I	I	100 sq.ft.	I	8
M	6" Beige Lumber w/Glue	B7 Rest Room	ND	N	40 w.ft.	PEG	N/A
M	12" Gray Speckled Particle w/Glue	B2, B5, B7, B8	ND	N	240 sq.ft.	Assumed NEG	I
M	4" tan Lumber w/Glue	B3	I	I	75 w.ft.	I	I

- (1) S – surfacing, TSI – thermal system insulation, M – miscellaneous
 (2) ND – not damaged, D – damaged, SD – significantly damaged
 (3) POS – previously identified as positive, NEG – previously identified as negative, ASSUMED – 1 = new material, not sampled, assumed asbestos-containing; ASSUMED – 2 = not enough samples collected, material is assumed asbestos-containing
 (4) For response actions 1–8 refer to "Response Action Ratings Sheet"

3-Year Re-Inspection Material Inventory

Client:

Project No:

Project Name:

SMANUSO

110-0066

Melkay ES. - Portables Bldg - DB11

Page 1 of 1

Material Class (1)	Material	Material Location	Current Assessment (2)	Frangible (Y or N)	Approximate Quantity	Results (3) or Sample #	Recommendations/Response Action (4)
S	Stucco	Sanctuary Person Report	ND	N	1900 sq ft	NEG	N/A
M	12" Grey Floor tile				1950 sq ft	POS	
M	Carpenter Glue				1200		
M	4" Dk Blue Lumber 1/2" x 6"				120 lb		
M	2"x4" Kissed Ceiling Panel				2500 sq ft		
M	Drywall				2800 sq ft		

- (1) S - surfacing, TSI - thermal system insulation, M - miscellaneous
 (2) ND - not damaged, D - damaged, SD - significantly damaged
 (3) POS - previously identified as positive, NEG - previously identified as negative, ASSUMED - 1 = new material, not sampled, assumed asbestos-containing
 ASSUMED - 2 = not enough samples collected, material is assumed asbestos-containing
 (4) "or" response actions 1-8 refer to "Response Action Ratings Sheet"

Appendix E

Assessments

ASSESSMENT SHEET

Functional Space Number N/A
Homogenous Area Letter 2

Sample Number 7976
School Number N/A
Building Number +

Functional Space Description Crawlspace
School Name McKinley E.S.
Building Name Bldg C

1. Friable Material: X

2. Non-friable Material:

3. Damage Rating:

- (A) No Damage: 2 (P)
(B) Moderate Damage
(1) $\leq 10\%$ Distributed X
(2) $\leq 25\%$ Localized
(C) Significant Damage:
(1) $>10\%$ Distributed 2 (P)
(2) $>25\%$ Localized

4. Type of Damage

- (1) Deterioration
(2) Water Damage
(3) Air Erosion
(4) Vandalism
(5) Other N/A

5. Description of Damage:

- | | | | |
|---------------|------------------------|------------------------------|---------------------------|
| (1) Blisters | (4) Crushed Insulation | (7) Dislodged/Missing Pieces | (11) Scrape Marks |
| (2) Buckling | (5) Debris on Floor | (8) Gouges | (12) Stains/Discoloration |
| (3) Crumbling | (6) Delamination | (9) Punctures | (13) Torn/Dislodged |
| | | (10) Ripped/Missing Jackets | (14) Water Damage |

6. Disturbance Potential:

(A) Potential For Contact:

- (1) Very Likely
(2) Accidental Contact Possible
(3) Small Disturbance Likely X
(4) Large Disturbance Likely
(>3 sq. or linear ft.)

(B) Possible Contact Factors:

- (1) Near Systems Requiring Repair/Maint.
(2) High Traffic Area
(3) Within Reach of Students and Teachers
(4) Other N/A

(C) Occupancy:

- (1) Maint. Workers X
(2) Students/Teachers
(3) Public
(4) Area Not Normally Entered
(1) 1/Day Approx. Hours <1
(2) 1/Wk. Approx. Hours
(3) 1/Mo. Approx. Hours

(D) Influence of Vibration:

- (0) None X
(1) Low
(2) Moderate
(3) High

(E) Source of Vibration:

- (1) Athletic Events
(2) Mechanical Equipment
(3) Sound Waves
(4) Other N/A

(F) Potential For Air Erosion:

- (0) None X
(1) Low
(2) Moderate
(3) High

(G) Source of Air Erosion:

- (1) Air Plenum
(2) Air Shaft
(3) Elevator Shaft
(4) Other N/A

(H) Preventative Measures:

- (1) Restrict Access X
(2) Other

7. Removal of ACM Mandatory (Repair Not Possible: X)

(Do not check above without giving reason below.)

Reason For Recommending Removal:

debris in floor of crawlspace wrap is
damage

(A) Remodeling/Renovation Planned
Comments:

(B) Demolition Planned

F. Puvola
(Print Name)

[Signature]
(Signature)

2/12/10
(Date)

ASSESSMENT SHEET

Functional Space Number N/A
Homogenous Area Letter 2

Sample Number 8006
School Number N/A
Building Number 2

Functional Space Description Storage R
School Name McK-ley E-S.
Building Name Blde B

1. Friable Material: X

2. Non-friable Material:

3. Damage Rating:

- (A) No Damage: X
(B) Moderate Damage
(1) <= 10% Distributed
(2) <= 25% Localized
(C) Significant Damage:
(1) >10% Distributed
(2) >25% Localized

4. Type of Damage

- (1) Deterioration
(2) Water Damage
(3) Air Erosion
(4) Vandalism
(5) Other N/A

5. Description of Damage: N/A

- | | | | |
|---------------|------------------------|------------------------------|---------------------------|
| (1) Blisters | (4) Crushed Insulation | (7) Dislodged/Missing Pieces | (11) Scrape Marks |
| (2) Buckling | (5) Debris on Floor | (8) Gouges | (12) Stains/Discoloration |
| (3) Crumbling | (6) Delamination | (9) Punctures | (13) Torn/Dislodged |
| | | (10) Ripped/Missing Jackets | (14) Water Damage |

6. Disturbance Potential:

(A) Potential For Contact:

- (1) Very Likely
(2) Accidental Contact Possible
(3) Small Disturbance Likely X
(4) Large Disturbance Likely
(>3 sq. or linear ft.)

(B) Possible Contact Factors:

- (1) Near Systems Requiring Repair/Maint.
(2) High Traffic Area
(3) Within Reach of Students and Teachers
(4) Other N/A

(C) Occupancy:

- (1) Maint. Workers X
(2) Students/Teachers
(3) Public
(4) Area Not Normally Entered
(1) 1/Day Approx. Hours 2/
(2) 1/Wk. Approx. Hours
(3) 1/Mo. Approx. Hours

(D) Influence of Vibration:

- (0) None X
(1) Low
(2) Moderate
(3) High

(E) Source of Vibration:

- (1) Athletic Events
(2) Mechanical Equipment
(3) Sound Waves
(4) Other N/A

(F) Potential For Air Erosion:

- (0) None X
(1) Low
(2) Moderate
(3) High

(G) Source of Air Erosion:

- (1) Air Plenum
(2) Air Shaft
(3) Elevator Shaft
(4) Other N/A

(H) Preventative Measures:

- (1) Restrict Access
(2) Other 03/07

7. Removal of ACM Mandatory (Repair Not Possible):

(Do not check above without giving reason below.)

Reason For Recommending Removal:

(A) Remodeling/Renovation Planned X
Comments:

(B) Demolition Planned X

F. Fuvalecm
(Print Name)

[Signature]
(Signature)

2/11/10
(Date)

Appendix F

Site Map

GARDEN

JAUREGUI B9
COMP LAB MURPHY B8
SDC
MOORE/KINGSLEY B7
PSYCH/O.T.
TREUENFELS B6
3rd
Homework Club B5
ART/Williams
ZUCO/ZAGOR B4
CREST/ELD
MUSIC/SCIENCE

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

Arizona Ave.

OyenokiGutierrez
PE
RR

MACON B11 5TH
GONZALEZ B10 2ND

DARUTY 210 5th
TALBOTT 209 4th
WORKROOM
MOWRY 208 3rd
DURAN 207 3RD

MCCRAW 110 2ND
PLASENCIA 109 2ND
WORKROOM
GALVAN 108 1ST
TASLIMI 107 1ST
Parent Room

KITCHEN
Salad Bar
CAFETERIA

LOWE LIBRARY
Storage
CURRY 106 K

Elev

CONFERENCE RM

OFFICE
NURSE BRESSLER

LOUNGE
SUOMU 103 K/1

MARKS 102 1ST

DIAZ 101 COUNSELING

WETMORE 100 K
CHILD CARE PRESCHOOL
Alonso(Lead)

PRE-SCHOOL B3
KIM
PRE-SCHOOL B2
ESL/CHILDCARE B1
MUSIC

SANSCHAGRIN 206 5TH
SCIFRES 204
READING RM
Cervantes 205 4TH
Bassin 203A
LANGSDALE 203 4TH
GONZALEZ 202 RSP
FRANKLIN/KIM 200

Kittel 201 LRC

Custodial Closets
Restrooms

Santa Monica Blvd.



P A R K I N G

C h e i s e a v e

Appendix G

Coffey Environments Employee Certifications

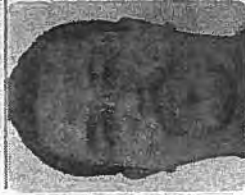
State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Fabian Ruvalcaba

Name

Certification No. 06-4088

Expires on 11/15/10



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

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

Cesar Ruvalcaba



Name

Certification No. 95-1799

Expires on 10/27/10

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7160 et seq. of the Business and Professions Code.