



**SURVEY FOR ASBESTOS AND LEAD IN
PAINT, PCB LIGHT BALLAST AND
MERCURY LIGHT TUBES**

Building E
Malibu High School
30215 Morning View Drive,
Malibu, California 90265

Prepared for:

Santa Monica-Malibu Unified School District
2828 4th Street
Santa Monica, California 90405

Project No.: SMSD-16-6525

Date: January 10, 2017

Alta Environmental

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EXECUTIVE SUMMARY

On November 1, and November 29, 2016, Alta Environmental conducted a hazardous materials survey for the presence of asbestos, lead in paint, polychlorinated biphenyls (PCBs) in light ballasts and mercury containing fluorescence light tubes in Buildings E at Malibu High School located at 30215 Morning View Drive, Malibu, 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;
- Visual survey for suspect PCB light ballast, and mercury containing fluorescence light tubes; and
- Laboratory analysis of samples collected.

Asbestos-containing materials (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)*. Refer to Section 5 in this report for a summary of ACMs.

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. Refer to Section 5 in this report for a summary of LBP.

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. Refer to Appendix I for a summary of LCP.

Light fixtures suspected to contain PCB light ballast and mercury containing light tubes were observed in the building.

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REPORTED: January 10, 2017

PROJECT NO.: SMSD-16-6525

CLIENT: Santa Monica-Malibu Unified School District
2828 4th Street
Santa Monica, California 90405

ATTENTION: Mr. Chris Emmett

REF: Survey for Asbestos and Lead in Paint Survey,
PCB Light Ballast and Mercury Light Tubes
Building E
Malibu High School
30215 Morning View Drive
Malibu, California

1 INTRODUCTION

On November 1, and November 29, 2016, Alta Environmental conducted a hazardous materials survey for the presence of asbestos, lead in paint, polychlorinated biphenyls (PCBs) in light ballasts and mercury containing fluorescence light tubes in Buildings E at Malibu High School located at 30215 Morning View Drive, Malibu, California.

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.

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 spectrum analyzer;
- Visual survey for suspect PCB light ballast, and mercury containing fluorescence light tubes; 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.

During the course of our investigation Alta used prior data and information from a previous investigation conducted by Cape Environmental, and CTL Environmental for the District. As appropriate and applicable, Alta used and relied on this previous report to complete our investigation. Additional samples were collected as needed of materials not previously or insufficiently sampled

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 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.

4.3 PCB Light Ballast

We performed a visual inspection to locate light fixtures equipped with fluorescent light tubes which may contain suspect PCBs in light ballast.

4.4 Mercury Containing Light Tubes

We performed a visual inspection to locate light fixtures which are known to contain mercury light tubes.

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.

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.
Transite panel above windows	MPE12-01	Classrooms 1-10, 14, 16	25% chrysotile	800 sq.ft.
Joint compound, drywall and composite (drywall with joint compound)	3351, 3352, 3353, 3350, E-8	Perimeter wall above soffit ceiling in all building	3% chrysotile-joint compound, none detected drywall, <1% chrysotile-composite	800 sq.ft.

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
3" pipe insulation	3354	3% chrysotile	Above ceilings along soffit wall cavity in and around sinks and restrooms in all building	80 elbows
Chalkboard and posting mastics	Not sampled	All classrooms	Assumed ACM	2,400 sq.ft.
Exterior stucco	MPE0201, MPE02-02, MPE02-03	2% chrysotile	Exterior wall and walkway ceilings	6,300 sq.ft.
9" tan floor tile and mastic (tan/blue/grey)	MPE1001, MPE10-02	10% chrysotile-tile 5% chrysotile-mastic	Room 16, A, B, D (under blue carpet and 12" light blue floor tile)	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 /PPM)
015	XRF	Wall	Restrooms 1 and 2	White and green/intact	Ceramic	>9.9

Summary of LCP

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.

Lead-containing paint 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.

5.3 PCB Light Ballast

We observed light fixtures known to contain light ballasts which may contain PCBs.

5.4 Mercury containing light tubes

We observed light fixtures known to contain fluorescence light tubes which may contain mercury.

6 CONCLUSIONS AND RECOMMENDATIONS

The survey and testing was conducted to identify asbestos, lead in paint, light ballast which may contain PCBs, fluorescence light tubes which may contain mercury. The survey did not include destructive testing and was limited to accessible areas.

Areas above hard-lid ceiling systems such as plaster, drywall or stucco ceilings with no available access hatch were not inspected. These areas should be evaluated prior to demolition. Any material which has not been documented in this report should be assumed to contain asbestos and lead-based paint. Should additional suspect ACM and LBP not identified in this report be discovered during renovation, demolition activities, or destructive testing, work should be stopped, and the material(s) should be sampled prior to disturbance.

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.

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.

6.1 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.

6.2 Lead

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.

Lead-containing Paints

Lead-containing paints 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.

6.3 PCB Light Ballast

During demolition activities, the light fixture should be dismantled to expose the light ballast, the label on each ballast shall be inspected, if a label is missing or is not clearly labeled "No PCB" by the manufacturer, the ballast shall be assumed to contain PCBs. Ballast containing PCBs shall be segregated and packaged for proper disposal in accordance with all federal, state, and local regulations and guidelines.

6.4 Mercury Containing Light Tubes

All fluorescent light tubes should be removed, packaged and disposed in accordance with all federal, state, and local regulations and guidelines including CA Title 22 division 4.5 Chapter 11 Section 66261.50.

6.5 Other Suspect PCBs

PCBs in construction bulk materials have been identified to be present at this site. Refer to the PCB Removal/Remediation Work Plan for additional information. The PCB Removal/Remediation Work Plan is a separate document from this report. PCB removal and remediation work activities should be completed in conjunction with the asbestos and lead-based paint removal work if feasible and cost effective.

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:

Reviewed by:

Alta Environmental



Cesar Ruvalcaba
Certified Asbestos Consultant
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Alta Environmental



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CR:da

Appendix A

Asbestos Field Bulk Sample List

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6525
PROJECT NAME: Malibu High School, Building E

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Smooth plaster	MPE-05-01, MPE05-02, MPE0503, MPE05-04, MPE05-05	None Detected	Previously sampled, Cape 1993	All restrooms and janitors closets	2,500 sq.ft.	No	No
Rough Plaster	MPE-07-01, MPE07-02 MPE07- 03 MPE07-04 MPE07-05	None Detected	Previously sampled, Cape 1993	Rooms 1-10, 14, 16 (walls and ceilings)	8,000 sq.ft.	No	No
Rough Plaster	E-1	None Detected	Room 18, north center				
Rough Plaster	E-2	None Detected	Room 16, north center				
12" pinhole ceiling with metal jacket with brown mastic	MPE03-01, MPE04-01, MPE04-02	None Detected	Previously sampled, Cape 1993	Boys and girls restrooms	240 sq.ft.	No	No
12" pinhole ceiling with metal jacket with brown mastic	E-3	None Detected	Room 18, west center				
12" pinhole ceiling with metal jacket with brown	E-4	None Detected	Room 18, north center				
12" pinhole ceiling with metal jacket with brown	E-5	None Detected	Room 17, NE				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6525
PROJECT NAME: Malibu High School, Building E

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
1'x2' tongue and groove ceiling panel	MPE06-01	None Detected	Previously sampled, Cape 1993	Rooms 1-10, 14, 16	1,200 sq.ft.	No	No
1'x2' tongue and groove ceiling panel	E-6	None Detected	Room 3, center				
1'x2' tongue and groove ceiling panel	E-7	None Detected	Room 10, center				
Transite panel above windows	MPE12-01	25% chrysotile	Previously sampled, Cape 1993	Rooms 1-10, 14, 16	800 sq.ft.	No	No
Joint compound on drywall	3351 thru 3353	3% chrysotile	Previously sampled, CTL 2007	Perimeter wall above soffit ceiling	800 sq.ft.	No	No
Drywall	3350	None Detected	Previously sampled, CTL 2007				
Composite of drywall with joint compound	E-8	<1% chrysotile	Above room 4, NE corner				
3" pipe elbow insulation	3354	3% chrysotile	Previously sampled, CTL 2007	Above ceilings along soffit wall cavity in and around sinks and restrooms	80 elbows	Yes	No
HVAC duct canvas tape	3355	None Detected	Previously sampled, CTL 2007	Ceiling space on ductwork seams	50 sq.ft.	No	No
Chalkboard mastics	Not sampled	Assumed	Assumed based on experienced, inaccessible	Rooms 1-10	2,400 sq.ft.	No	No
Canvas wrap on domestic water lines	MPE08-01	None Detected	Previously sampled, Cape 1993	Ceilings, soffits, wall cavities in and around	500 ln.ft.	No	No
Exterior wall stucco	MPE02-01, MPE02-02, MPE02-03	2% chrysotile	Previously sampled, Cape 1993	Exterior wall and walkway ceilings	6,300 sq.ft.	No	No

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6525
PROJECT NAME: Malibu High School, Building E

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" peg hole wall tile and mastic	E-9	None Detected	16, north center	Room 16, north wall	120 sq.ft.	No	No
12" peg hole wall tile and mastic	E-10	None Detected	16, NW				
12" peg hole wall tile and mastic	E-11	None Detected	16, NW				
Adhesive for blue carpet	E-1	None Detected	9, center	Rooms 1-10, 14, 16	10,000 sq.ft.	No	No
Adhesive for blue carpet	E-2	None Detected	1, NW				
Adhesive for blue carpet	E-3	None Detected	6, SW				
9" tan floor tile and mastic (blue/grey)	MPE10-01	10% chrysotile-tile 5% chrysotile-mastic	Previously sampled, Cape 1993	Room 16, A, B, D (under blue carpet and 12" light blue floor tile)	500 sq.ft.	No	No
4" blue cove base and glue	E-4	None Detected	9, NW	Rooms 1-10, 14, 16	1,200 ln.ft.	No	No
4" blue cove base and glue	E-5	None Detected	4, SW				
4" blue cove base and glue	E-6	None Detected	8, NW				
12" light blue speckled floor tile and glue	E-7	None Detected	9, at entry	Rooms 1-10, 14, 16 at entrances	800 sq.ft.	No	No
12" light blue speckled floor tile and glue	E-8	None Detected	4, at entry				
12" light blue speckled floor tile and glue	E-9	None Detected	1, south center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6525
PROJECT NAME: Malibu High School, Building E

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12" light grey speckled floor tile and glue	E-10	None Detected	14, at entry	Room 14 (under carpet and 12" blue floor tile)	400 sq.ft.	No	No
12" light grey speckled floor tile and glue	E-11	None Detected	14, center				
12" light grey speckled floor tile and glue	E-12	None Detected	14, SW				
Parapet wall	ER-1	None Detected	Roof, west center	Roof parapet walls	200 sq.ft.	No	No
Parapet wall	ER-2	None Detected	Roof, NW				
Parapet wall	ER-3	None Detected	Roof, SW				
Black mastic with black felt pad	ER-4	None Detected	Roof, center	Roof at electrical support blocks	180 sq.ft.	No	No
Black mastic with black felt pad	ER-5	None Detected	Roof, south center				
Black mastic with black felt pad	ER-6	None Detected	Roof, NW				
Black mastic	ER-7	None Detected	Roof, south center	Roof penetrations, skylights, curbs, patches, corners etc.	80 sq.ft.	No	No
Black mastic	ER-8	None Detected	Roof, NE				
Black mastic	ER-9	None Detected	Roof, north center				

**MATERIAL INVENTORY
ASBESTOS SAMPLES**

CLIENT: Santa Monica Malibu USD
PROJECT NO: SMSD-16-6525
PROJECT NAME: Malibu High School, Building E

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Gravel type roof core	ER-10	None Detected	Rood, west center	Roof (top layer)	11,000 sq.ft.	No	No
Gravel type roof core	ER-11	None Detected	Roof, center				
Gravel type roof core	ER-12	None Detected	Roof, SW				
Brown roof insulation	ER-13	None Detected	Roof, west center	Roof (middle layer)	11,000 sq.ft.	No	No
Brown roof insulation	ER-14	None Detected	Roof, center				
Brown roof insulation	ER-15	None Detected	Roof, SW				
Roof foam with black felt paper	ER-16	None Detected	Roof, west center	Roof (bottom layer)	11,000 sq.ft.	No	No
Roof foam with black felt paper	ER-17	None Detected	Roof, center				
Roof foam with black felt paper	ER-18	None Detected	Roof, SW				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMSA
 Project No.: SMSA-16-6286
 Project Name: Bldg E

Technician: Fabian Ruvalcaba
 Date: 11-1-16
 Page: 1

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Adhesive for Blue Carpet	E-1	R-9-ct	Bldg E - R-1-10, 14, 16	19000 sq ft	N	N
		↓	2	R-1-N/W	↓	↓	↓	↓
		↓	3	R-8-S/W	↓	↓	↓	↓
		9" Tan F.T. w/Marble	Previously sampled	Cap 1993 Positive	(Rm 16), 16 A, B, C, under Blue Carpet and 12" Lt Blue F.T.	500 sq ft	N	N
		4" Blue Corbel w/Blue	4	R-9-N/W	R-1-10, 14, 16	1200 sq ft	N	N
		↓	5	R-8-S/W	↓	↓	↓	↓
		↓	6	R-8-N/W	↓	↓	↓	↓
		12" Lt Blue Speckled F.T. w/Blue	7	R-9-at Entry	R-1-10, 14, 16 at Entry way	800 sq ft	N	N
		↓	8	R-4-S/ct	↓	↓	↓	↓
		↓	9	R-1-S/ct	↓	↓	↓	↓
		12" Lt. Gray Speckled F.T. w/Blue	10	R-14-at Entry	R-14, under Blue Carpet and 12" Blue F.T.	400 sq ft	N	N
		↓	11	ct	↓	↓	↓	↓
		↓	12	S/W	↓	↓	↓	↓



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMUSD
 Project No.: SM50-16-62-25
 Project Name: Bldg E - Malibu H.S.

Technician: F. Ruvulcaba
 Date: 4-17-16 11/21/16 11/22/16
 Page: 1 of 3

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	UD	Smooth plaster wall/ceiling	(neg) Previously sampled	CAPE 1993-MPE 0501-0505	CAPE 1993 - all r, janitor's closet	2500 sq ft	N	N
		rough plaster wall/ceilings	(neg) Previously sampled	CAPE 1993-MPE 0701-0705	rm 1-10, 14, 16	8000 sq ft		
			E-1	rm 18 N/ctr				
			E-2	rm 16 N/ctr				
		12" pinhole C.T. w/ metal jacket	(NEG) Previously sampled	CAPE 1993-MPE 0103-0403	brn, grr	240 sq ft		
			E-3	rm 18 w/ctr				
			E-4	rm 18 N/ctr				
			E-5	rm 17 N/E				
		1'x2' tongue groove C.P.	(NEG)	CAPE 1993-MPE 0601-	rm 1-10, rm 14, 16	1200 sq ft		
			E-6	rm 3- Ctr				



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMCD
 Project No.: 5MSA-16-6525
 Project Name: Blk E - Malibu H.C.

Technician: F. Ruvalecaba 11/29/16
 Date: 11-17-16 (11/29/16) ②
 Page: 2 of 3

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est Qty.	F	D
	ND	I	E-7	rm 10 ctr	I	I	N	N
		transite panel above window	(POS) Previously sampled	CAPE 1993-MPE 1201-	rm 1-10, 14, 16	800 sq ft	I	I
		Drywall J.C.	(POS) Previously sampled	CTL - 3350 ³³⁵¹ -3353	Perm. walls above soffit Ceiling	800 sq ft	I	I
		Drywall	(NEG) Previously sampled	CTL 3350	Perm. wall above soffit Ceiling	800 sq ft	I	I
	<1%	Drywall w/ J.C. composite	E-8	above rm 4 N/E corner	I	I	I	I
		3" pipe elbow insulation	(POS) Previously sampled	CTL 3354	above ceilings along soffit, wall cavity in + around sinks + rr	80 elbows	I	N
		HVAC duct asbestos tape	(NEG)	CTL 3355	ceiling space on duct work	50 sq ft	N	N
		Chalkboards & mastics	Assumed	Non destructive sampling	rm 1-10,	20 units	N	N
		Canvas wrap on domestic H ₂ O lines	(NEG)	CAPE 1993-MPE 09-01	ceilings, soffits, wall cavities in + around sinks + rr	800 lin ft	N	N
		ext. wall stucco	(POS)	CAPE 1993-MPE 02-1 thru 3	ext wall + walkway ceiling	6300 sq ft	N	N



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: Santa Monica Malibu School District
 Project No.: SMSD-16-6525
 Project Name: Malibu High School - Bldg E Roof
blg E, A, B

Technician: Fabian Ruvalcaba
 Date: 11/29/16
 Page: 1 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
ND	parquet parquet well	black mastic flashing	ER-1	roof w/ctr	roof - Parquet well	200 sqft	N	N
			-2	N/W	↓	↓	↓	↓
			-3	S/W	↓	↓	↓	↓
		black mastic black felt pad	-4	ctr	roof - at Electrical support Blocks	180 sqft	N	N
			-5	S/ctr	↓	↓	↓	↓
			-6	N/W	↓	↓	↓	↓
		black mastic (only)	-7	S/ctr	roof penetrations, sunlight corners skylight - curb	80 sqft	N	N
			-8	N/E	corners	↓	↓	↓
			-9	N/ctr	↓	↓	↓	↓
		black mastic on roof gravel type roof core	-10	w/ctr	roof (top)	11000 sqft	N	N
			-11	ctr	↓	↓	↓	↓
			-12	S/W	↓	↓	↓	↓
		brown roof insulation	-13	w/ctr	roof middle	11000 sqft	N	N
			-14	ctr	↓	↓	↓	↓
			-15	S/W	↓	↓	↓	↓



ALTA
ENVIRONMENTAL

Asbestos Field Bulk Sample List

Client: SMMCID
Project No.: SM10-16-6525-
Project Name: Malibu - Bldg E Roof

Technician: Fabian Ruvalcaba
Date: 11-29-16
Page: 2 2

bldg E

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	ND	roof foam w/ black felt paper	ER-16	roof w/ctr	roof (Bottom)	11000 sqft	N	N
	f	I	I -17	I ctr	d	d	f	f
			I -18	I S/W				

Appendix B

Laboratory Analytical Report: Asbestos



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Attn.: Cesar Ruvalcaba

Project Number SMSD-16-6286
Project Name Malibu H.S. - Bldg E-D
Location
PO Number SMSD-16-6286
WO Number

Report Number 1625961

Date Received 11/02/2016
Date Analyzed 11/07/2016
Date Reported 11/07/2016

Date Sampled 11/01/2016
Sampled By F. Ruvalcaba
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 (%)
1625961-001 E-1	Bldg E Adhesive Carpet, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1625961-002 E-2	Bldg E Adhesive Carpet, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1625961-003 E-3	Bldg E Adhesive Carpet, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1625961-004 E-4A	Bldg E 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 25% 75%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1625961-005 E-4B	Bldg E Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler 100%	None Detected
Asbestos Present: No		Total % Non-Asbestos: 100.0%		Total %Asbestos: No Asbestos Detected
1625961-006 E-5A	Bldg E 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder 25% 75%	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	(%)
1625961-007 E-5B	Bldg E Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-008 E-6A	Bldg E 4" Covebase, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	25% 75%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-009 E-6B	Bldg E Glue, Cream, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-010 E-7A	Bldg E 12" Speckled 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
1625961-011 E-7B	Bldg E Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-012 E-8A	Bldg E 12" Speckled 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



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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625961-013 E-8B	Bldg E Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-014 E-9A	Bldg E 12" Speckled 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	
1625961-015 E-9B	Bldg E Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-016 E-10A	Bldg E 12" Speckled F.T., Lt. Gray, 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	
1625961-017 E-10B	Bldg E Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-018 E-11A	Bldg E 12" Speckled F.T., Lt. Gray, 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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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625961-019 E-11B	Bldg E Glue, Tan, Homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Organic Binders/Filler	<1% <1 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-020 E-12A	Bldg E 12" Speckled F.T., Lt. Gray, 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	
1625961-021 E-12B	Bldg E Glue, Tan, 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	
1625961-022 D-1	Bldg D Rough Wall Plaster, Pink/White/Beige, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	25% 45% 30%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-023 D-2	Bldg D Rough Wall Plaster, Pink/White/Beige, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	30% 20% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-024 D-3	Bldg D 12"x12" Peghole Acoustic Tile Glue, Dk. Brown, Homogeneous	LAYER 1 100%	Fibrous Talc Organic Binders	8% 92%	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	(%)
1625961-025 D-4	Bldg D 12"x12" Peghole Acoustic Tile Glue, Dk. Brown, Homogeneous	LAYER 1 100%	Fibrous Glass Organic Binders	8% 92%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1625961-026 D-5	Bldg D Drywall, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum	15% 1% 84%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1625961-027 D-6	Bldg D Drywall, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum	40% <1 60%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1625961-028 D-7	Bldg D Drywall, Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum	25% 1% 74%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1625961-029 D-8	Bldg D Grout, Gray, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	25% 55% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1625961-030 D-9	Bldg D Grout, Gray, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	25% 55% 20%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	



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Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625961-031 D-10	Bldg D Grout, Gray, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	25% 55% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-032 D-11	Bldg D Paper Backing, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-033 D-12	Bldg D Paper Backing, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-034 D-13	Bldg D Paper Backing, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-035 D-14	Bldg D 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
1625961-036 D-15	Bldg D 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



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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	(%)
1625961-037 D-16	Bldg D 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	
1625961-038 D-17A	Bldg D 4" Covebase, Gray, 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	
1625961-039 D-17B	Bldg D Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-040 D-18A	Bldg D 4" Covebase, Gray, 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	
1625961-041 D-18B	Bldg D Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-042 D-19A	Bldg D 4" Covebase, Gray, 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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Determination of Asbestos in Bulk Building Materials.

Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625961-043 D-19B	Bldg D Glue, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-044 D-20	Bldg D 2'x4' Fissured Ceiling Panel, White / Tan, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-045 D-21	Bldg D 2'x4' Fissured Ceiling Panel, White / Tan, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-046 D-22	Bldg D 2'x4' Fissured Ceiling Panel, White / Tan, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-047 D-23A	Bldg D 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
1625961-048 D-23B	Bldg D Glue, Brown, 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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Test Report

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625961-049 D-24A	Bldg D 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	
1625961-050 D-24B	Bldg D Glue, Yellow, 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	
1625961-051 D-25A	Bldg D 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	
1625961-052 D-25B	Bldg D Glue, Yellow, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Organic Binders/Filler	<1% 2% 98%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-053 D-26	Bldg D Unfinished Plaster, Beige, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum	40% 15% 45%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1625961-054 D-27	Bldg D Unfinished Plaster, Beige, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum	35% 15% 50%	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

Project Number SMSD-16-6286
Project Name Malibu H.S. - Bldg E-D
Location
PO Number SMSD-16-6286
WO Number

Report Number 1625961

Date Received 11/02/2016
Date Analyzed 11/07/2016
Date Reported 11/07/2016

Date Sampled 11/01/2016
Sampled By F. Ruvalcaba
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

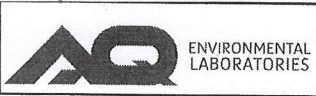
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1625961-055 D-28	Bldg D Unfinished Plaster, Beige, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum	35% 15% 50%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-056 D-29	Bldg D Unfinished Plaster, Beige, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum	30% 15% 55%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1625961-057 D-30	Bldg D Unfinished Plaster, Beige, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum	30% 15% 55%	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 Tabatt
Analyst - Cristina Tabatt

Cristina Tabatt
Approved Signatory Cristina E. Tabatt





CHAIN OF CUSTODY

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(Lab) Order No. 1625961

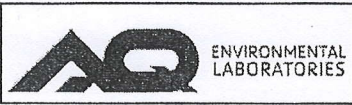
CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	<u>Alta Built</u>	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	<u>3077 Long Beach Blvd</u>	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>
City/State/Zip	<u>Long Beach Ca</u>	2 Day <input type="checkbox"/>	USPS <input type="checkbox"/>	Fax <input type="checkbox"/>
Contact	<u>C. Ruvalcaba</u>	3 Day <input type="checkbox"/>	Drop Off <input checked="" type="checkbox"/>	Verbal <input type="checkbox"/>
Office Phone		5 Day <input checked="" type="checkbox"/>	Drop Box <input type="checkbox"/>	Mail <input type="checkbox"/>
Cell		Weekend <input type="checkbox"/>	Other <input type="checkbox"/>	Pick up <input type="checkbox"/>
Fax		Special Instructions:		
Email	<input checked="" type="checkbox"/>			

PROJECT INFORMATION	
Project Name: <u>Malibu H.S. - Bldg E-D</u>	PO Number: <u>SM50-16-6286</u>
Project Number: <u>SM50-16-6286</u>	Work Order No.:
Location:	Sampled By: <u>Fruelcaba</u>

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

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
<u>E-1</u>	<u>Adhesion for Blue Carpet</u>	<u>Bldg E</u>	<u>11-1-16</u>				
<u>2</u>	<u>↓</u>						
<u>3</u>	<u>↓</u>						
<u>4</u>	<u>4" Blue Couching w/ blue</u>						
<u>5</u>	<u>↓</u>						
<u>6</u>	<u>↓</u>						
<u>7</u>	<u>12" Lt. Blue Speckled</u>						
<u>8</u>	<u>P.T. w/ blue</u>						
<u>9</u>	<u>↓</u>						
<u>10</u>	<u>12" Lt. Gray Speckled P.T. w/ blue</u>						

Relinquished By: <u>[Signature]</u>	Received By: <u>C. Tibalt</u>
Date/Time: <u>11-2-16</u>	Date/Time: <u>11/02/16, 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



CHAIN OF CUSTODY

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Company: Alto
 Project Number: SMSP-16-6286
 Project Name: Malibu H.S. - Bldg E-D

(Lab) Order No. 1625961

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
11	↓	Bldg E	11-1-14			
12	↓	↓				
D-1	Rough wall plate	Bldg D				
2	↓					
3	12" x 12" Peghole Acoustic tile Glue					
4	↓					
5	Dry wall					
6	↓					
7	↓					
8	Gray/white Grout					
9	↓					
10	↓					
11	Brown Paper Backing					
12	↓					
13	↓					
14	Dry wall					
15	↓					
16	↓					
17	4" Gray loose fill w/ glue					
18	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>DT Hall</u>
Date/Time: <u>11-2-14</u>	Date/Time: <u>11/02/14, 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



CHAIN OF CUSTODY

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Company: Alta
Project Number: SMS D-16-6284
Project Name: Mel:bu H.S - Bldg E - D

(Lab) Order No. 1625961

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Avg Flow Rate	Volume (L)
D-19	↓	Bldg D	11-1-16	-----		
20	2x4x8 Poured Concrete Panel					
21						
22	↓					
23	12" Lt. Blue P.T.					
24	w/Color					
25	↓					
26	Hard Bagged unfinished					
27	Plaster					
28	↓					
29						
30	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>C. T. Batt</u>
Date/Time: <u>11-2-16</u>	Date/Time: <u>11/02/16, 8:00 AM</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



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Alta Environmental
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Attn.: Cesar Ruvalcaba

Project Number
Project Name Malibu High - Bldg E
Location Malibu
PO Number
WO Number

Report Number 1626155

Date Received 11/29/2016
Date Analyzed 12/05/2016
Date Reported 12/05/2016

Date Sampled 11/28/2016
Sampled By F. Ruvalcaba
Total Samples 14

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	(%)
1626155-001 E-1	Bldg E Rough Plaster, White, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	45% 35% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626155-002 E-2	Bldg E Rough Plaster, White, 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
1626155-003 E-3	Bldg E Mastic for Ceiling Tile, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626155-004 E-4	Bldg E Mastic for Ceiling Tile, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626155-005 E-5	Bldg E Mastic for Ceiling Tile, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626155-006 E-6	Bldg E 1'x2' Tongue and Groove 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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Project Number
Project Name Malibu High - Bldg E
Location Malibu
PO Number
WO Number

Report Number 1626155

Date Received 11/29/2016
Date Analyzed 12/05/2016
Date Reported 12/05/2016

Date Sampled 11/28/2016
Sampled By F. Ruvalcaba
Total Samples 14

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	(%)
1626155-007 E-7	Bldg E 1'x2' Tongue and Groove Ceiling Panel, 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
1626155-008 E-8	Bldg E Composite Drywall w/ Jt. Compound, White/Brown/Beige, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum Calcium Carbonate Binder/Filler	30% 55% 10% 5%	Chrysotile	<1%
Asbestos Present: Yes		Total % Non-Asbestos:		100.0%	Total %Asbestos:	<1%
1626155-009 E-9A	Bldg E 12" Peghole Wall Tile, Brown, Non- homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626155-010 E-9B	Bldg E 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
1626155-011 E-10A	Bldg E 12" Peghole Wall Tile, Brown/White, 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
1626155-012 E-10B	Bldg E 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
Project Name Malibu High - Bldg E
Location Malibu
PO Number
WO Number

Report Number 1626155

Date Received 11/29/2016
Date Analyzed 12/05/2016
Date Reported 12/05/2016

Date Sampled 11/28/2016
Sampled By F. Ruvalcaba
Total Samples 14

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	(%)
1626155-013 E-11A	Bldg E 12" Peghole Wall Tile, Brown/White, 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	

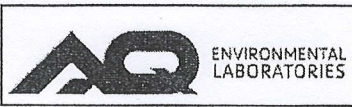
1626155-014 E-11B	Bldg E Mastic, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	

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





CHAIN OF CUSTODY

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Company: Alta

Project Number: _____

Project Name: Malibu H.S.

(Lab) Order No. 1626153 thru 1626155

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
BZE-1	Rough Plaster	Bldg E	11-28			
-2	↓					
-3	Brown Mastic for Ceiling tile					
-4	↓					
-5	↓					
-6	1'x2' Tongue and Groove Ceiling Panel					
-7	↓					
-8	Composite Drywall w/ Jt. Comp					
-9	12" Peghole Wall					
-10	tile w/ Mastic					
-11	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>11-28-16 2300</u>	Date/Time: <u>11/29/16 08:00</u>
Relinquished By: _____	Received By: _____
Date/Time: _____	Date/Time: _____



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 Attn.: Cesar Ruvalcaba

Project Number
Project Name Malibu High - Roof Bldg E
Location
PO Number
WO Number

Report Number 1626174

Date Received 11/30/2016
Date Analyzed 12/08/2016
Date Reported 12/08/2016

Date Sampled 11/29/2016
Sampled By
Total Samples 26

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	(%)
1626174-001 ER-1	Roof - Bldg E W/Ctr Parapet Wall, Black, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-002 ER-2	Roof - Bldg E N/W Parapet Wall, Black, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-003 ER-3	Roof - Bldg E S/W Parapet Wall, Black, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-004 ER-4A	Roof - Bldg E Ctr Mastic, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-005 ER-4B	Roof - Bldg E Ctr Felt Pad, 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
1626174-006 ER-5A	Roof - Bldg E S/Ctr Mastic, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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Project Number
Project Name Malibu High - Roof Bldg E
Location
PO Number
WO Number

Report Number 1626174

Date Received 11/30/2016
Date Analyzed 12/08/2016
Date Reported 12/08/2016

Date Sampled 11/29/2016
Sampled By
Total Samples 26

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	(%)
1626174-007 ER-5B	Roof - Bldg E S/Ctr Felt Pad, 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
1626174-008 ER-6A	Roof - Bldg E NW Mastic, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-009 ER-6B	Roof - Bldg E NW Felt Pad, Black, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-010 ER-7	Roof - Bldg E S/Ctr Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-011 ER-8	Roof - Bldg E N/E Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-012 ER-9	Roof - Bldg E N/Ctr Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
1626174-013 ER-10	Roof - Bldg E W/Ctr Gravel Type Roof Core (Layered Felt/Tar), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected



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 Attn.: Cesar Ruvalcaba

Project Number
Project Name Malibu High - Roof Bldg E
Location
PO Number
WO Number

Report Number 1626174

Date Received 11/30/2016
Date Analyzed 12/08/2016
Date Reported 12/08/2016

Date Sampled 11/29/2016
Sampled By
Total Samples 26

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	(%)
1626174-014 ER-11A	Roof - Bldg E Ctr Gravel Type Roof Core, Black, Homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 70% 15%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1626174-015 ER-11B	Roof - Bldg E Ctr Gravel Type Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1626174-016 ER-12A	Roof - Bldg E S/W Gravel Type Roof Core Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 70% 15%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1626174-017 ER-12B	Roof - Bldg E S/W Gravel Type Roof Core - Layered Tar/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	
1626174-018 ER-13	Roof - Bldg E W/Ctr Roof Insulation, Brown/Black, Non- homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	90% 10%	None Detected	
Asbestos Present: No			Total % Non-Asbestos:	100.0%	Total %Asbestos: No Asbestos Detected	
1626174-019 ER-14	Roof - Bldg E Ctr Roof Insulation, Brown/Black, Non- homogeneous	LAYER 1 100%	Wood Fiber	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

Project Number
Project Name Malibu High - Roof Bldg E
Location
PO Number
WO Number

Report Number 1626174

Date Received 11/30/2016
Date Analyzed 12/08/2016
Date Reported 12/08/2016

Date Sampled 11/29/2016
Sampled By
Total Samples 26

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	(%)
1626174-020 ER-15	Roof - Bldg E S/W Roof Insulation, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	90% 10%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1626174-021 ER-16A	Roof - Bldg E W/Ctr Roof Foam, Yellow, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1626174-022 ER-16B	Roof - Bldg E W/Ctr Felt Paper, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Binder/Filler	65% 15% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1626174-023 ER-17A	Roof - Bldg E Ctr Foam, Yellow, Homogeneous	LAYER 1 100%	Polystyrene Foam	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1626174-024 ER-17B	Roof - Bldg E Ctr Felt Paper, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Binder/Filler	65% 15% 20%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	
1626174-025 ER-18A	Roof - Bldg E S/W Foam, Yellow, Homogeneous	LAYER 1 100%	Polystyrene Foam	100%	None Detected	
Asbestos Present: No		Total % Non-Asbestos:		100.0%	Total %Asbestos: No Asbestos Detected	



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Attn.: Cesar Ruvalcaba

Project Number
Project Name Malibu High - Roof Bldg E
Location
PO Number
WO Number

Report Number 1626174

Date Received 11/30/2016
Date Analyzed 12/08/2016
Date Reported 12/08/2016

Date Sampled 11/29/2016
Sampled By
Total Samples 26

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	(%)
1626174-026 ER-18B	Roof - Bldg E S/W Felt Paper, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Binder/Filler	65% 15% 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 - Fred Chapplear

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. _____

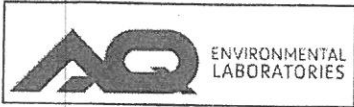
CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	Alta Environmental	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	3777 Long Beach Blvd	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input type="checkbox"/>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

PROJECT INFORMATION	
Project Name: <u>Malibu High</u>	PO Number: _____
Project Number: _____	Work Order No.: _____
Location: _____	Sampled By: _____

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

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
BRI	Gravel Type Roof Core	Bldg B/C	11-29-16			
2	↓					
3	↓					
4	Brown Insulation					
5	↓					
6	↓					
7	Floor w/ Black felt					
8	↓					
9	↓					
10	Silver/Black Roof Mastix					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: 11-29-16 2330	Date/Time: 11/29/16 2330
Relinquished By: <u>[Signature]</u> 2330	Received By: <u>[Signature]</u>
Date/Time: 11/30/16 0908	Date/Time: 11/30/16 09:09



CHAIN OF CUSTODY

1508 E. 33rd Street
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Company: Alta

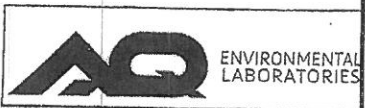
Project Number: _____

Project Name: Malibu H.S.

(Lab) Order No. _____

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
BR-11	↓	Bldg B/C - Roof	11-29-16			
12	↓					
13	Gray felt pad w/ Gray					
14	Mastic					
15	↓					
16	Parapet wall roofing					
17						
18	↓					
AR-1	Travel type Roof core	Bldg A - Roof				
2	↓					
3	↓					
4	Brown Roof Insulation					
5	↓					
6	↓					
7	Roof foam w/ Black					
8	Felt Paper					
9	↓					
10	Black Mastic					
11	↓					
12	↓					
13	White Silicene					
14	↓					
15	↓					
16	Parapet wall roofing					
17	↓					
18	↓					

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>11-29-16 2330</u>	Date/Time: <u>11/29/16 2330</u>
Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>11/30/16 0908</u>	Date/Time: <u>11/30/16 09:09</u>



CHAIN OF CUSTODY

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Signal Hill, CA 90755
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services@AQenvlabs.com

Company: Alta Environmental
Project Number: _____
Project Name: _____

(Lab) Order No. _____

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time / Stop Time	Avg Flow Rate	Volume (L)
ER-1	Parpet wall	roof - bldg E w/ctr	11/29/16			
-2						
-3						
-4	black mastic w/ black felt pad	ctr				
-5		s/ctr				
-6		NW				
-7	black mastic (only)	s/ctr				
-8		N/E				
-9		N/ctr				
-10	gravel type roof core	w/ctr				
-11		ctr				
-12		slw				
-13	brown insulation roof	w/ctr				
-14		ctr				
-15		slw				
-16	roof foam w/ black felt + paper	w/ctr				
-17		ctr				
-18		slw				

Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>11-29-16 2330</u>	Date/Time: <u>11/29/16 2330</u>
Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>
Date/Time: <u>11/30/16 0900</u>	Date/Time: <u>11/30/16 09:09</u>

CAPO 1993 Survey

SAMPLE NUMBER	MATERIAL DESCRIPTION/LOCATION	LABORATORY ANALYSIS/RESULTS
MP-E-02-01	Exterior stucco exterior, Building E	2% chrysotile
MP-E-02-02	Exterior stucco exterior, Building E	NAD
MP-E-02-03	Exterior stucco exterior, Building E	NAD
MP-E-03-01	1'x 1' acoustical ceiling tile w/metal jacket/girls bathroom	NAD
MP-E-04-01	1'x 1' acoustical ceiling tile mastic/girls bathroom	NAD
MP-E-04-02	1'x 1' acoustical ceiling tile mastic/girls bathroom	NAD
MP-E-05-01	Smooth plaster walls & ceilings janitors room	NAD
MP-E-05-02	Smooth plaster walls & ceilings girls restroom (north)	NAD
MP-E-05-03	Smooth plaster walls & ceilings womens facility lounge	NAD
MP-E-05-04	Smooth plaster walls & ceilings facility mens room	NAD
MP-E-05-05	Smooth plaster walls & ceilings girls restroom (south)	NAD
MP-E-06-01	1 x 2 "Tongue and grove ceilings" south classroom	NAD
MP-E-07-01	Rough plaster walls & ceilings south classroom soffit	NAD
MP-E-07-02	Rough plaster walls & ceilings entry to womens facility restroom	NAD
MP-E-07-03	Rough plaster walls & ceilings north supply room	NAD
MP-E-07-04	Rough plaster walls & ceilings north girls restroom	NAD
MP-E-07-05	Rough plaster walls & ceilings electrical room	NAD
MP-E-08-01	Canvas wrap on domestic water pipe	NAD
MP-E-09-01	Pipe fitting on domestic water pipe supply room	NAD
MP-E-10-01	9 x 9 floor tile, blue/grey classroom #1	10% chrysotile
MP-E-10-01	Mastic on 9 x 9 floor tile, blue/grey classroom #1	5% chrysotile
MP-E-11-01	9 x 9 floor tile, tan	10% chrysotile
MP-E-11-01	Mastic on 9 x 9 floor tile, tan	3% chrysotile
MP-E-12-01	Transite panels above windows classroom #7	25% chrysotile
MP-E-13-01	Base boards, classroom #1	NAD

**MATERIAL INVENTORY
ASBESTOS**

2007

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Malibu High School

Building E

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Exterior wall stucco	MPE02-01	Positive	Previously sampled-Cape Environmental 1993	All exterior walls and walkway ceilings	6300 sq. ft.	No	No
Exterior wall stucco	MPE02-02	Positive	Previously sampled-Cape Environmental 1993	All exterior walls and walkway ceilings	6300 sq. ft.	No	No
Exterior wall stucco	MPE02-03	Positive	Previously sampled-Cape Environmental 1993	All exterior walls and walkway ceilings	6300 sq. ft.	No	No
12" acoustical ceiling tile with metal jacket	MPE0301	None detected	Previously sampled-Cape Environmental 1993	Girls restroom	420 sq. ft.	No	No
12" acoustical ceiling tile with metal jacket	MPE0402	None detected	Previously sampled-Cape Environmental 1993	Girls restroom	420 sq. ft.	No	No
12" acoustical ceiling tile with metal jacket	MPE0403	None detected	Previously sampled-Cape Environmental 1993	Girls restroom	420 sq. ft.	No	No
Smooth plaster walls and ceilings	MPE0501	None detected	Previously sampled-Cape Environmental 1993	14A, 14B restrooms, boys restrooms, girls restrooms, faculty restrooms 17, southwest restrooms	1900 sq. ft.	No	No
Smooth plaster walls and ceilings	MPE0502	None detected	Previously sampled-Cape Environmental 1993	14A, 14B restrooms, boys restrooms, girls restrooms, faculty restrooms 17, southwest restrooms	1900 sq. ft.	No	No
Smooth plaster walls and ceilings	MPE0503	None detected	Previously sampled-Cape Environmental 1993	14A, 14B restrooms, boys restrooms, girls restrooms, faculty restrooms 17, southwest restrooms	1900 sq. ft.	No	No
Smooth plaster walls and ceilings	MPE0504	None detected	Previously sampled-Cape Environmental 1993	14A, 14B restrooms, boys restrooms, girls restrooms, faculty restrooms 17, southwest restrooms	1900 sq. ft.	No	No
Smooth plaster walls and ceilings	MPE0505	None detected	Previously sampled-Cape Environmental 1993	14A, 14B restrooms, boys restrooms, girls restrooms, faculty restrooms 17, southwest restrooms	1900 sq. ft.	No	No
1x2 tongues groove ceilings	MPE0601	None detected	Previously sampled-Cape Environmental 1993	Classroom 14, room 16 room 1-10	9800 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

2007

CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Malibu High School

Building E

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Rough plaster walls and ceilings	MPE0701	None detected	Previously sampled-Cape Environmental 1993	Classroom 14, room 16 room 1-10	8000 sq. ft.	No	No
Rough plaster walls and ceilings	MPE0702	None detected	Previously sampled-Cape Environmental 1993	Classroom 14, room 16 room 1-10	8000 sq. ft.	No	No
Rough plaster walls and ceilings	MPE0703	None detected	Previously sampled-Cape Environmental 1993	Classroom 14, room 16 room 1-10	8000 sq. ft.	No	No
Rough plaster walls and ceilings	MPE0704	None detected	Previously sampled-Cape Environmental 1993	Classroom 14, room 16 room 1-10	8000 sq. ft.	No	No
Rough plaster walls and ceilings	MPE0705	None detected	Previously sampled-Cape Environmental 1993	Classroom 14, room 16 room 1-10	8000 sq. ft.	No	No
Canvas wrap on domestic water lines	MPE0801	None detected	Previously sampled-Cape Environmental 1993	Supply room above ceiling soffit and restrooms	700 in. ft.	No	No
9" blue gray floor tile and mastic	MPE1001	N/A	Previously sampled-Cape Environmental 1993	Removed	N/A	N/A	N/A
9" tan floor tile and mastic	MPE1101	Positive	Previously sampled-Cape Environmental 1993	Room 16, psychologist office, office	700 sq. ft.	No	No
Transite panels above windows	MPE1201	Positive	Previously sampled-Cape Environmental 1993	Classroom 7, classrooms 1-10 (4, 2x4 panels per room)	320 sq. ft.	No	No
Baseboards	MPE1301	None detected	Previously sampled-Cape Environmental 1993	Classroom 1	240 in. ft.	No	No
Carpet glue	Same as #3334	None detected	Same as building G	Room 14, 16 and rooms 1 - 10	10,200 sq. ft.	No	No
12" gray speckled floor tile	Same as #3328	None detected	Same as building G	Room 14, 16 and rooms 1 - 10, entrance and sink areas	1,300 sq. ft.	No	No
4 inch dark blue cove base and glue	Same as #3335	None detected	Same as building G	Room 14	80 in. ft.	No	No
12" acoustic ceiling with metal jacket mastic	3348	None detected	Southeast, girls restroom northeast	Southeast girls restrooms and northwest girls restroom	420 sq. ft.	No	No
12" random peg hole wall tile and mastic	3349	None detected	Room 16, north center	Room 16 wall and soffit	200 sq. ft.	Yes	No
Drywall	3350	None detected	Room 4, northeast at access hatch	Perimeter walls above (soffit) ceiling	800 sq. ft.	No	No
Drywall joint compound	3351	None detected (drywall) 3% Chrysotile (joint compound)	Room 4, northeast at access hatch	Perimeter walls above (soffit) ceiling	800 sq. ft.	No	No

**MATERIAL INVENTORY
ASBESTOS**

2007

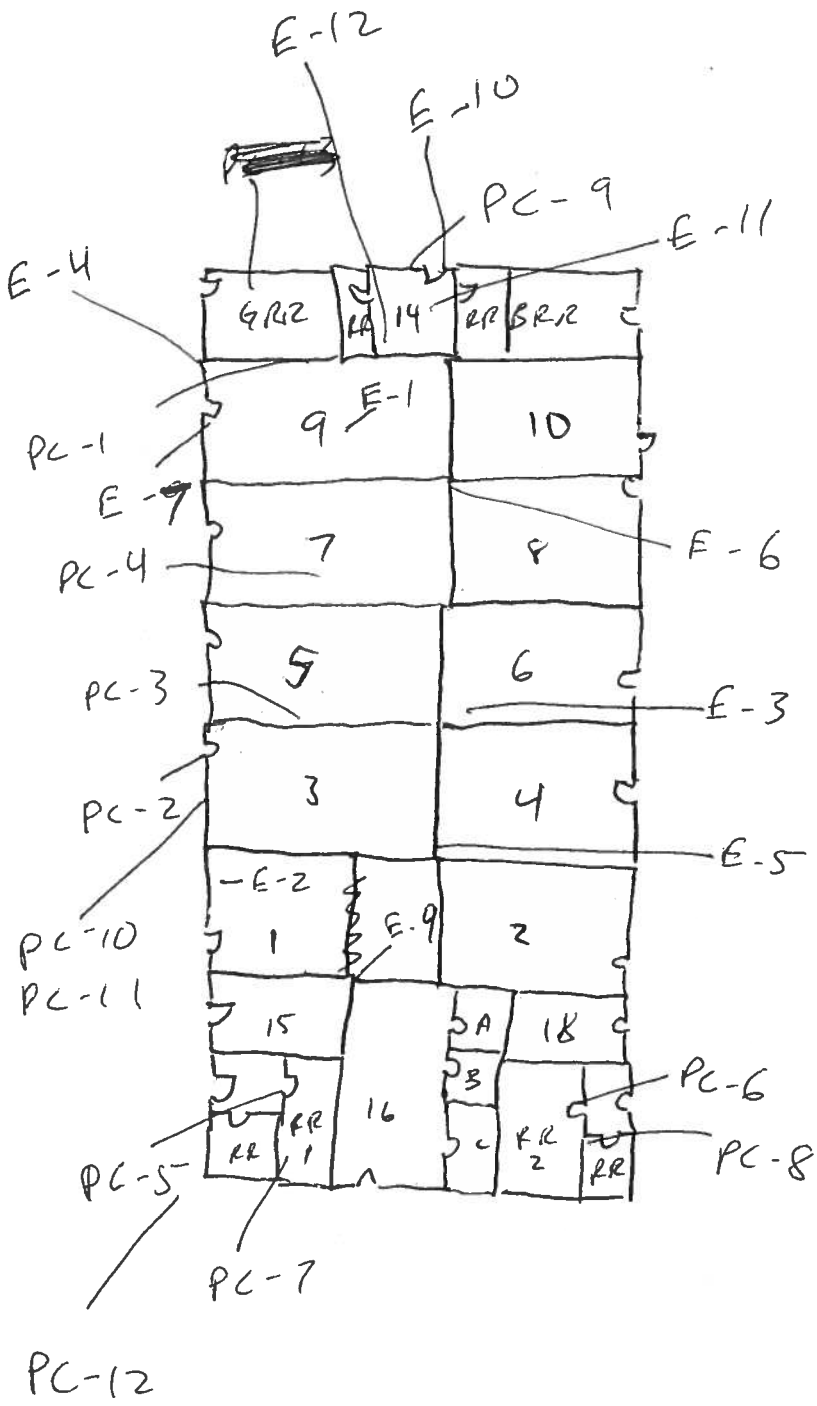
CLIENT: Santa Monica-Malibu Unified School District
PROJECT NO: 107-0008
PROJECT NAME: Malibu High School

Building E

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	3352	None detected (drywall) Not analyzed/Positive stop (joint compound)	Room 10, northeast at access hatch	Perimeter walls above (soffit) ceiling	800 sq. ft.	No	No
Drywall joint compound	3353	None detected (drywall) Not analyzed/Positive stop (joint compound)	Room 1, southwest at access hatch	Perimeter walls above (soffit) ceiling	800 sq. ft.	No	No
Elbow pipe insulation	3354	3% Chrysotile	Room 10 at access hatch	Above ceiling along soffits and restrooms	80 elbow	Yes	No
HVAC duct canvas tape	3355	None detected	Room 10 at access hatch	Above restrooms	50 sq. ft.	Yes	No
Gravel roof cers	NA	Assumed	Material not sampled to avoid damage	Roof and walk way roof	15,000 sq. ft.	No	No
Chalk board	NA	Assumed	Material not sampled to avoid damage	Room 1 - 10	40 each	No	No
Roof mastic	NA	Assumed	Material not sampled to avoid damage	Roof penetrations	40 sq. ft.	No	No
Canvas wrap on domestic water lines	MPE09-01	None detected	Previously sampled-Cape Environmental 1993	Fiberglass pipe insulation above ceilings, soffits and restrooms	NA	NA	NA

Appendix C

Sample Location Map: Asbestos



Appendix D

Paint Chip Sample List: Lead

Paint Chip Sample List

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6286

PROJECT NAME: Malibu High, Building E

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-1	Plaster	White	9, North center	Interior E	84	No	N/A
Door	PC-2	Wood	Blue	3, west center	Interior and exterior E	1,900	No	N/A
Cabinet	PC-3	Wood	Brown	5, south center	Interior E	150	No	N/A
Ceiling	PC-4	Wood	White	7, center	Interior E	75	No	N/A
Door casing	PC-5	Metal	White	RR1, center	Restrooms, rom 14, 16 (interior / exterior)	3,000	No	N/A
Door casing	PC-6	Metal		RR2, center	Restrooms, rooms 14, 16	<50	No	N/A
Divider	PC-7	Metal	Green	RR1, center	Restrooms	2,300	No	N/A
Divider	PC-8	Metal	Blue	RR2, center	Restrooms	<140	No	N/A
Wall	PC-9	Stucco	White	Exterior, North center	Exterior wall and ceilings	390	No	N/A
Vent	PC-10	Metal	White	Exterior, west center	Exterior E	<75	No	N/A
Fascia	PC-11	Metal	Blue	Exterior, west center	Exterior fascia, gutter, downspout	89	No	N/A
Handrail	PC-12	Metal	Blue	Exterior SW	Exterior	110	No	N/A
Wall	PC-13	Plaster	White	GRR, NW	All restrooms, 113, janitors closet, electric room, vestibules	80	No	N/A
Wall	PC-18	Brick	White	113, west center	113, vestibules, men restrooms	360	No	N/A
Divider	PC-14	Metal	Grey	WRR, center	D, WRR	<62	No	N/A
Hatch	PC-15	Metal	White	WRR, north center	D, all restrooms	480	No	N/A
Door	PC-16	Wood	Blue	BRR, NE	All restrooms, 113, janitors closet, electric room, vestibules	<80	No	N/A
Door casing	PC-17	Metal	Blue	BRR, NE	All restrooms, 113, janitors closet, electric room, vestibules	900	No	N/A



ALTA
ENVIRONMENTAL

(E)

Paint Chip Sample List

Client: SMMUSD
 Project No.: SMSD-160-6286
 Project Name: Malibu High - Bldg E & D

Technician: F. F. Alcala
 Date: 11-1-16
 Page: 1 of 2

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
	84	wall	1	plaster	white	R-9 - N/Ct	Inter - Bldg E	N	
	1,900	Door	2	wood	Blue	R-3 - W/Ct	Inter/Ext - Bldg E	N	
	150	Cabinet	3	wood	Brown Varnish	R-5 - S/Ct	Ext - Bldg E	N	
	75	Ceiling	4	wood	white	R-7 - Ct	Inter - Bldg E	N	
	3,000	Door	5	metal	white	RR1 - Ct	Bldg E - RR1, RR14	N	
	550	↓	6	↓	Blue	RR2 - Ct	16 (Inter/Ext) Bldg E - RR; RR14; R-16	N	
	2300	Window	7	metal	Green	RR1 - Ct	Bldg E - RR5	N	
	4140	↓	8	↓	Blue	RR2 - Ct	↓	N	
	390	wall	9	stucco	white	Ext - N/Ct	Bldg E - Ext wall, Ceiling	N	
	675	vent	10	metal	white	↓ - W/Ct	Ext - Bldg E	N	
	89	facia	11	metal	Blue	↓ - W/Ct	Ext - Bldg E, facia, gutter, Downspout	N	



ALTA
ENVIRONMENTAL



Paint Chip Sample List

Client: Samm ASD
 Project No.: SMC P-16-6286
 Project Name: Malibu Hgls - Bldg E: D

Technician: F. Kuchel
 Date: 11-1-16
 Page: 2 of 2

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.			
	110	Handrail	PC-12	Metal	Blue	Exterior - E/W C-11	Exterior - Bldg E	N				
	80	Wall	13	Plaster	White	BRR - N/W	Bldg D - GRR, BRR, MRR, WRR, 113, Janitor closet, Electrical Rm, Vestibule	N				
	462										N	
	C6 ² 480 480	Divide					14	Metal	Gray	WRR - Ct	Bldg D - WRR	N
	480 480	Handrail	15	Metal	White	WRR - N/W	Bldg D - WRR, MRR, BRR, GRR	N				
	130	Door	16	Wood	Blue	BRR - N/E	Bldg D - WRR, MRR, BRR, GRR, 113, Vestibule, Electrical Rm, Janitor Cl.	N				
	906	↓ Case	17	metal	↓	↓	↓					
	360	Wall	18	Brick	White	113 - W/W	113, Vestibule, MRR	N				

Appendix E

Laboratory Analytical Report: Lead



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

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

Project Number: SMSD-16-0286
Project Name: Malibu H.S. Bldg E-D
Location: Malibu

PO Number: SMSD-16-0286

Report Number: 1625962

Date Received: 11/2/2016
Date Analyzed: 11/8/2016
Date Reported: 11/9/2016

Date Sampled: 11/1/2016
Sampled By: F. Ruvalcaba
Total Samples: 18

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)
1625962-001 PC-1	Wall Plaster Wall	0.1068	84
1625962-002 PC-2	Door Wood Blue	0.1048	1,900
1625962-003 PC-3	Cabinet Wood Brown Varnish	0.1045	150
1625962-004 PC-4	Ceiling Wood White	0.0668	75
1625962-005 PC-5	Doorcase Metal White	0.1015	3,000
1625962-006 PC-6	Doorcase Metal Blue	0.1009	< 50
1625962-007 PC-7	Divider Metal Green	0.0954	2,300
1625962-008 PC-8	Divider Metal Blue	0.0358	< 140
1625962-009 PC-9	Wall Stucco White	0.1030	390
1625962-010 PC-10	Vent Metal White	0.0664	< 75
1625962-011 PC-11	Fascia Metal Blue	0.1009	89
1625962-012 PC-12	Handrail Metal Blue	0.1041	110



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

Report Number: 1625962

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

Project Number: SMSD-16-0286
Project Name: Malibu H.S. Bldg E-D
Location: Malibu
PO Number: SMSD-16-0286

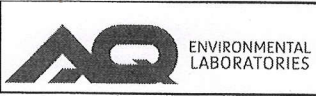
Lead in Paint by Flame AAS

Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1625962-013 PC-13	Wall Plaster White	0.1035	80
1625962-014 PC-14	Divider Metal Gray	0.0812	< 62
1625962-015 PC-15	Hatch Metal White	0.0640	480
1625962-016 PC-16	Door Wood Blue	0.0627	< 80
1625962-017 PC-17	Doorcase Metal Blue	0.1054	900
1625962-018 PC-18	Wall Brick White	0.0832	360

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. 1625962

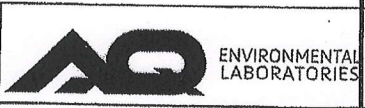
CUSTOMER INFORMATION		Turnaround Time	Shipped By	Report Send Via:
Company	<u>Alta</u>	Same Day <input type="checkbox"/>	Fedex <input type="checkbox"/>	Web <input type="checkbox"/>
Address	<u>3777 Long Beach Blvd</u>	1 Day <input type="checkbox"/>	UPS <input type="checkbox"/>	Email <input checked="" type="checkbox"/>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

PROJECT INFORMATION	
Project Name:	<u>Meridian H.S. Bldg E-D</u>
Project Number:	<u>SMSD-16-0286</u>
Location:	<u>Meridian</u>
PO Number:	<u>SMSD-16-0286</u>
Work Order No.:	
Sampled By:	<u>C. Puvion</u>

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

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time	Stop Time	Avg Flow Rate	Volume (L)
1	wall plaster white		11-1-16				
2	Door wood blue						
3	Cabinet wood ^{Brown} _{varnish}						
4	Ceiling wood white						
5	Door case metal white						
6	+ + blue						
7	Divider metal green						
8	+ + blue						
9	wall stucco white						
10	Vent metal white						

Relinquished By: <u>[Signature]</u>	Received By: <u>C. Puvion</u>
Date/Time: <u>11-2-16</u>	Date/Time: <u>11/02/16, 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:



CHAIN OF CUSTODY

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

Company: _____
 Project Number: _____
 Project Name: Melby H.S. - Bldg E-D

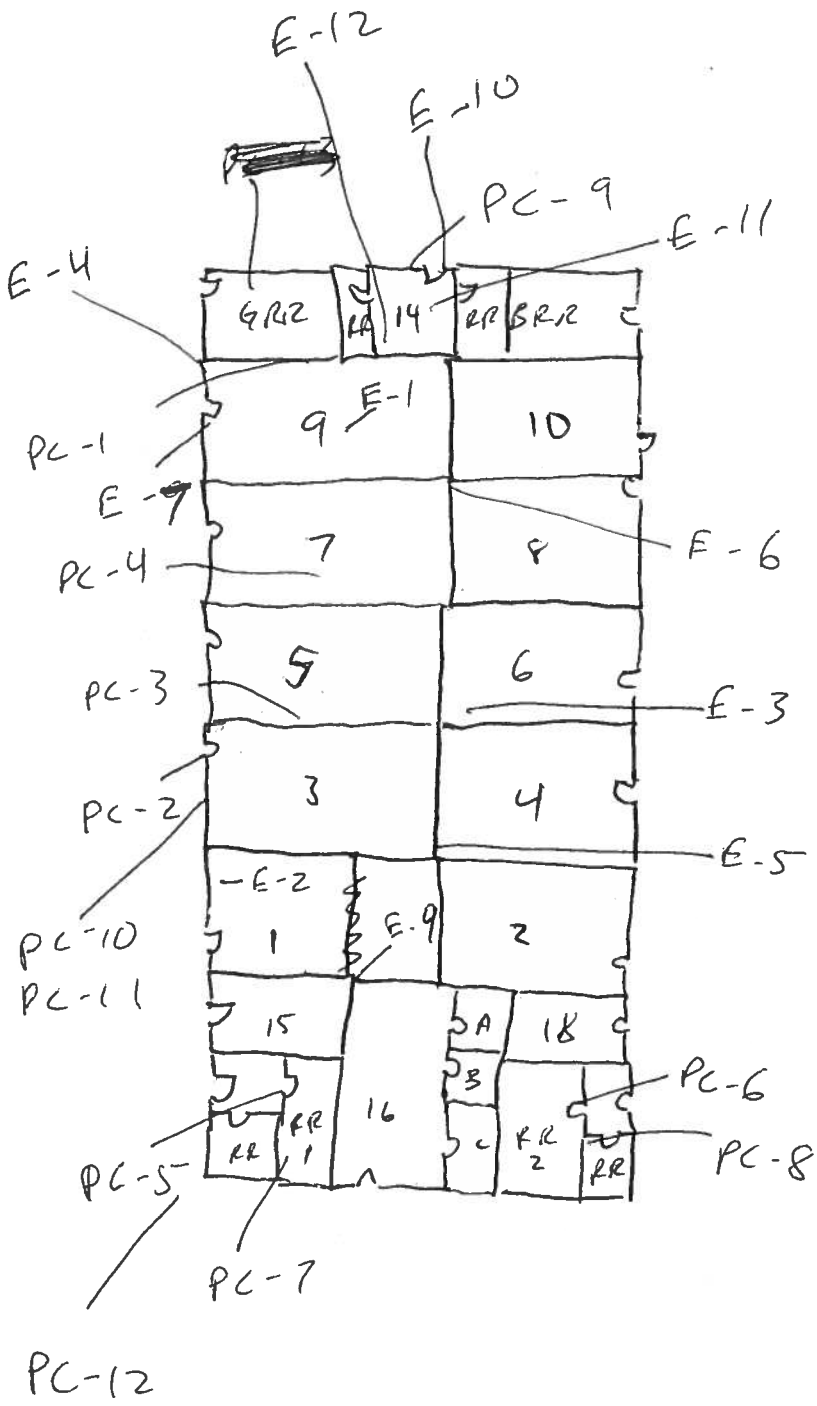
(Lab) Order No. 1625962

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
PC-11	Faniz - Metal Blue		11-1-16			
12	Handrail Metal Blue		↓			
13	wall plate white					
14	Door Metal Grey					
15	Hand Metal White					
16	Door wood Blue					
17	Door Metal					
18	wall Brick white					

Relinquished By: <u>JJ</u>	Received By: <u>Stabatt</u>
Date/Time: <u>11-2-16</u>	Date/Time: <u>11/02/16, 8:00 am</u>
Relinquished By:	Received By:
Date/Time:	Date/Time:

Appendix F

Sample Location Map: Lead



N
 ↑
 Bldg E
 11-1-16
 F. Kunkel
 punchup & plot map

Appendix G

XRF Lead Inspection, Instrument Calibration, and DHS 8552

LEAD HAZARD EVALUATION REPORT

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

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)] 30215 Morning View Drive, Building E and D		City Malibu	County Los Angeles	Zip Code 90265
Construction date (year) of structure 	Type of structure <input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	


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

Name Santa Monica Malibu USD		Telephone number Office: (310) 450-8338 X79371		
Address [number, street, apartment (if applicable)] 1651 Sixteenth Street		City Santa Monica	State 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 Fabian Ruvalcaba		Telephone number 562-495-5777		
Address [number, street, apartment (if applicable)] 3777 Long Beach Blvd., Annex Building		City Long Beach	State California	Zip Code 90807
CDPH certification number 22130	Signature 			Date 11/1/16

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

Calibration Check Test Results

Address/Unit No. Malibu Building E

Device LPA-1

Date 11/1/2016

XRF Serial No. 1184

Contractor Alta Environmental

Inspector Name Fabian Ruvalcaba

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	1.00	0.04
0.9	1.1	1		

Second Calibration Check

NIST SRM			First Average	Difference Between first Average and NIST SRM*
First Reading	Second reading	Third reading	1.00	0.04
0.9	1.1	1		

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.

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Location: Malibu Building E
 Inspector: Fabian Ruvalcaba

Inspection Date: 11/01/16
 Report Date: 12/14/2016
 Abatement Level: 0.8
 Report No. S#01184 - 11/01/16 18:43
 Total Readings: 52
 Job Started: 11/01/16 18:43
 Job Finished: 11/01/16 20:42

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm ²)	Mode
Exterior Room 001 Building E									
026	D	Wall	L Ctr		I	Stucco	White	0.0	QM
027	D	Fascia			I	Metal	Blue	-0.2	QM
025	D	Door	Ctr	L Ctr	I	Wood	Blue	0.0	QM
028	D	Vent	Ctr		I	Metal	White	0.0	QM
Interior Room 001 E-9									
007	C	Cabinet	Ctr		I	Wood	Brown	0.0	QM
004	D	Wall	L Ctr		I	Plaster	White	-0.2	QM
006	D	Ceiling			I	Wood	White	-0.2	QM
005	D	Door	Ctr	U Lft	I	Wood	Blue	-0.1	QM
Interior Room 002 E-1									
008	A	Wall	L Ctr		I	Plaster	White	-0.2	QM
011	A	Ceiling			I	Wood	White	-0.2	QM
009	C	Cabinet	Ctr		I	Wood	Brown	-0.3	QM
010	D	Door	Ctr	L Rgt	I	Wood	Blue	0.1	QM
Interior Room 003 E-RR1									
012	A	Wall	L Ctr		I	Plaster	White	-0.2	QM
016	A	Floor			I	Ceramic	Green	0.0	QM
013	A	Door	Ctr	Lft casing	I	Metal	White	-0.2	QM
014	B	Stall	Ctr		I	Metal	Green	-0.2	QM
015	C	Wall	L Ctr		I	Ceramic	Green	>9.9	QM
Interior Room 004 E-RR2									
017	A	Wall	L Ctr		I	Ceramic	White	>9.9	QM
018	A	Floor			I	Ceramic	Pink	-0.4	QM
019	A	Door	Ctr	Lft casing	I	Metal	Blue	-0.4	QM
020	C	Stall	Ctr		I	Metal	Blue	-0.2	QM
Interior Room 005 E-BRR									
021	A	Wall	L Ctr		I	Plaster	White	-0.3	QM
Interior Room 006 E-14									
022	A	Wall	L Ctr		I	Plaster	White	-0.2	QM
024	A	Door	Ctr	Lft casing	I	Metal	Blue	-0.3	QM
023	A	Door	Ctr	L Ctr	I	Wood	Blue	0.1	QM

Calibration Readings

001	0.9	TC
002	1.1	TC
003	1.0	TC
050	0.9	TC
051	1.1	TC
052	1.0	TC

---- End of Readings ----

Site: Malibu - Bldg E

Unit: 1

Project # _____

ROOM EQUIVALENT: 9

INSPECTOR: _____

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall	A B C <u>D</u>	<u>D</u> R C	W DW <u>M</u> C B S CE	P F <u>D</u>	White
5	Wall <u>Door</u>	A B C <u>D</u>	<u>D</u> R C	<u>M</u> DW P M C B S CE	P F <u>D</u>	Blue
6	Wall <u>Ceilings</u>	A B C <u>D</u>	L R <u>D</u>	<u>M</u> DW P M C B S CE	P F <u>D</u>	White
7	Wall <u>Cabinet</u>	A B <u>C</u> D	L <u>D</u> C	<u>M</u> DW P M C B S CE	P F <u>D</u>	Brown
		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: Interior/Exterior door casings and window casings are unpainted aluminum.

ROOM EQUIVALENT: R 1

Number	Component	Wall	Location	Substrate	Condition	Color
8	Wall	<u>A</u> B C D	L R <u>D</u>	W DW <u>M</u> C B S CE	P F <u>D</u>	White
9	Wall <u>Cabinet</u>	A B <u>C</u> D	L R <u>C</u>	<u>M</u> DW P M C B S CE	P F <u>D</u>	Brown
10	Wall <u>Door</u>	A B C <u>D</u>	<u>D</u> R C	<u>M</u> DW P M C B S CE	P F <u>D</u>	Blue
11	Wall <u>Ceilings</u>	<u>A</u> B C D	L R <u>C</u>	<u>M</u> DW P M C B S CE	P F <u>D</u>	White
		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: RR 1

Number	Component	Wall	Location	Substrate	Condition	Color
12	Wall	<u>A</u> B C D	<u>D</u> R C	W DW <u>M</u> C B S CE	P F <u>D</u>	White
13	Wall <u>Door Case</u>	<u>A</u> B C D	L R <u>D</u>	W DW P <u>M</u> C B S CE	P F <u>D</u>	↓
14	Wall <u>stall door</u>	A B <u>C</u> D	L R <u>C</u>	W DW P <u>M</u> C B S CE	P F <u>D</u>	Green
15	Wall	<u>A</u> B C D	L R <u>D</u>	W DW P M C B S <u>CE</u>	P F <u>D</u>	↓
16	floor	<u>A</u> B C D	L R <u>C</u>	W DW P M C B S <u>CE</u>	P F <u>D</u>	↓
	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	
17	Door casing <u>Wall</u>	<u>A</u> B C D	L <u>D</u> C	W DW P M C B S <u>CE</u>	P F <u>D</u>	White
18	Door jamb <u>floor</u>	<u>A</u> B C D	L <u>D</u> C	W DW P M C B S <u>CE</u>	P F <u>D</u>	P.V.K
19	Ceiling <u>Door Case</u>	A <u>B</u> C D	<u>D</u> R C	W DW P <u>M</u> C B S CE	P F <u>D</u>	Blue/gray
20	Window casing <u>Red</u>	A B <u>D</u>	<u>D</u> R C	W DW P <u>M</u> C B S CE	P F <u>D</u>	Blue
	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

11-1-16

Site: Malibu - Bldg E

Unit: 1

Project #

ROOM EQUIVALENT: 9

INSPECTOR:

Number	Component	Wall	Location	Substrate	Condition	Color
4	Wall	A B C D	R C	W DW P M C B S CE	P F P	White
5	Wall Dow	A B C D	R C	W DW P M C B S CE	P F P	Blue
6	Wall Ceiling	A B C D	L R C	W DW P M C B S CE	P F P	White
7	Wall Cabinet	A B C D	L R C	W DW P M C B S CE	P F P	Brown
		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: Interior/Exterior Door Casings and Window Casings are unpainted aluminum.

ROOM EQUIVALENT: R 1

Number	Component	Wall	Location	Substrate	Condition	Color
8	Wall	A B C D	L R C	W DW P M C B S CE	P F P	White
9	Wall Cabinet	A B C D	L R C	W DW P M C B S CE	P F P	Brown
10	Wall Dow	A B C D	R C	W DW P M C B S CE	P F P	Blue
11	Wall Ceiling	A B C D	L R C	W DW P M C B S CE	P F P	White
		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: RR 1

Number	Component	Wall	Location	Substrate	Condition	Color
12	Wall	A B C D	R C	W DW P M C B S CE	P F P	White
13	Wall Dow Case	A B C D	L R C	W DW P M C B S CE	P F P	↓
14	Wall stall div. d	A B C D	L R C	W DW P M C B S CE	P F P	Green
15	Wall	A B C D	L R C	W DW P M C B S CE	P F P	↓
16	Flow	A B C D	L R C	W DW P M C B S CE	P F P	↓
	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	
17	Door casing Wall	A B C D	L R C	W DW P M C B S CE	P F P	White
18	Door jamb flow	A B C D	L R C	W DW P M C B S CE	P F P	Pink
19	Ceiling Dow Case	A B C D	R C	W DW P M C B S CE	P F P	Blue/Gray
20	Window casing Red	A B C D	R C	W DW P M C B S CE	P F P	Blue
	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

11-1-16

Site: Blky E Unit: 1 Project # _____

ROOM EQUIVALENT: BRK INSPECTOR: _____

Ln
14

Number	Component	Wall	Location	Substrate	Condition	Color
21	Wall	<u>Ⓟ</u> A B C D	<u>Ⓟ</u> L R C	W DW <u>Ⓟ</u> M C B S CE	P F <u>Ⓟ</u>	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	
22	Wall	<u>Ⓟ</u> A B C D	<u>Ⓟ</u> L R C	W DW <u>Ⓟ</u> M C B S CE	P F <u>Ⓟ</u>	white
23	Baseboard Door	<u>Ⓟ</u> A B C D	L R <u>Ⓟ</u>	<u>Ⓟ</u> W DW P <u>Ⓟ</u> M C B S CE	P F <u>Ⓟ</u>	Blue
24	Door Case	<u>Ⓟ</u> A B C D	L R <u>Ⓟ</u>	W DW P M C B S CE	P F <u>Ⓟ</u>	+
	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: Exter

Number	Component	Wall	Location	Substrate	Condition	Color
22	Wall Door	A B C <u>Ⓟ</u>	<u>Ⓟ</u> L R C	<u>Ⓟ</u> W DW P M C B S CE	P F <u>Ⓟ</u>	Blue
23	Wall	A B C <u>Ⓟ</u>	L R <u>Ⓟ</u>	W DW P M C B <u>Ⓟ</u> S CE	P F <u>Ⓟ</u>	white
24	Wall fascia	A B C <u>Ⓟ</u>	L R <u>Ⓟ</u>	W DW P <u>Ⓟ</u> M C B S CE	P F <u>Ⓟ</u>	Blue
25	Wall Vent	A B C <u>Ⓟ</u>	L R <u>Ⓟ</u>	W DW P <u>Ⓟ</u> M C B S CE	P F <u>Ⓟ</u>	white
26	Ceiling	A B C <u>Ⓟ</u>	L R <u>Ⓟ</u>	W DW P M C B <u>Ⓟ</u> S CE	P F <u>Ⓟ</u>	white
27	Baseboard Handrail	A B C <u>Ⓟ</u>	L R <u>Ⓟ</u> C	W DW P <u>Ⓟ</u> M C B S CE	P F <u>Ⓟ</u>	Blue
28	Door Wgt	A <u>Ⓟ</u> B C D	L R <u>Ⓟ</u>	W DW P M C B <u>Ⓟ</u> S CE	P F <u>Ⓟ</u>	Blue
	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: Exter - Door casing; Window casing unpainted & alumin.

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

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 12/06/2017



Fabian Ruvalcaba

ID #: 22130

Certificate of Completion

Asbestos Building Inspector Initial Course

DOSH #:CA-015-05

Therese Rizarri

ABII0627160001N9512

Alan Dages

Principal Instructor

6/27/2016

Course Start Date

6/29/2016

Course End Date

6/29/2016

Exam Date

6/29/2017

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



Michael W. Horner

Training Director



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

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National Association of Training and Environmental Consulting
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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
Therese Rizarri

Holds Training Certification For
Asbestos Building Inspector Initial Course

(Valid for 12 months)

6/27/2016

Training Date

Certificate No. **ABII0627160001N9512**

Michael W. Horner

Training Director

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

Cesar Ruvalcaba

Name



Certification No. **95-1799**

Expires on **10/27/17**

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



State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor

01/16/2017

Project Monitor

01/16/2017



Cesar A. Ruvalcaba

ID #: 6855

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



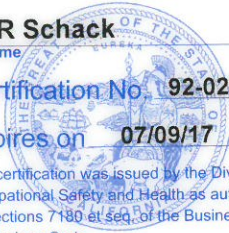
David R Schack

Name

Certification No. **92-0219**

Expires on **07/09/17**

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

06/05/2017



David R. Schack

ID #: 1104

Appendix I

Summary of Lead-Containing Paints

Summary of Lead-Containing Paints

CLIENT: SMMUSD
PROJECT NO: SMSD-16-6286

PROJECT NAME: Malibu High, Building E

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-1	Plaster	White	9, North center	Interior E	84	No	N/A
Door	PC-2	Wood	Blue	3, west center	Interior and exterior E	1,900	No	N/A
Cabinet	PC-3	Wood	Brown	5, south center	Interior E	150	No	N/A
Ceiling	PC-4	Wood	White	7, center	Interior E	75	No	N/A
Door casing	PC-5	Metal	White	RR1, center	Restrooms, rom 14, 16 (interior / exterior)	3,000	No	N/A
Divider	PC-7	Metal	Green	RR1, center	Restrooms	2,300	No	N/A
Wall	PC-9	Stucco	White	Exterior, North center	Exterior wall and ceilings	390	No	N/A
Fascia	PC-11	Metal	Blue	Exterior, west center	Exterior fascia, gutter, downspout	89	No	N/A
Handrail	PC-12	Metal	Blue	Exterior SW	Exterior	110	No	N/A
Wall	PC-13	Plaster	White	GRR, NW	All restrooms, 113, janitors closet, electric room, vestibules	80	No	N/A
Wall	PC-18	Brick	White	113, west center	113, vestibules, men restrooms	360	No	N/A
Hatch	PC-15	Metal	White	WRR, north center	D, all restrooms	480	No	N/A
Door casing	PC-17	Metal	Blue	BRR, NE	All restrooms, 113, janitors closet, electric room, vestibules	900	No	N/A