

ABATEMENT PLAN FOR REMOVAL OF ASBESTOS, LEAD-BASED PAINT AND LEAD-CONTAINING PAINT CONSTRUCTION RELATED WORK

BUILDING DEMOLITION OF THE CAFETERIA, SOUTH GYM, H127, HISTORY BUILDINGS & REMODEL OF THE DRAKE POOL

Santa Monica High School 601 Pico Boulevard Santa Monica, CA 90265

Prepared for:

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PART 1 - GENERAL

The Santa Monica Malibu Unified School District will undertake the demolition of the Cafeteria, South Gym, H127, History Buildings project and remodel of the Drake Pool to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California.

1.1 SCOPE OF WORK

The general intent of this document is to advise the Abatement Contractor of the minimum requirements for handling and removal of identified asbestos-containing materials (ACM), other asbestos materials (<0.1 percent asbestos), lead-based paint (LBP), and lead containing materials which will be impacted by the upcoming Demolition of the Cafeteria, South Gym, H127, History Building and remodel of the Drake Pool at the Project Site.

Alternative procedures may be used; however, alternative procedures must meet or exceed current federal, state, local and District specification requirements. Alternative procedures must be reviewed and approved by District representatives prior to implementation of the work.

An asbestos and lead survey have been prepared for this site by NV5 / Alta Environmental, report (#SMSD-19-9289) and supplemental sampling analysis. The survey report and supplemental analysis should be used in conjunction with this Plan to confirm the presence of asbestos and lead in paint that are in the areas impacted by the project. In addition, an OSHA clarification regarding requirements of material with less than one tenth of a percent asbestos. Quantities, if provided, should be field verified by the Abatement Contractor.

By submitting a bid, the Abatement Contractor warrants its intent to conduct said work properly using qualified personnel employed by licensed contractors.

- A. Removal scope of work shall include all impacted materials listed in the Tables 1.1.1, 1.1.2, 1.1.3, listed below.
- B. All removal and disturbance of asbestos-containing materials and asbestos containing construction materials and their subsequent waste shall be performed by an asbestos Abatement Contractor, using 40-hour asbestos trained workers (Asbestos Worker trained as outlined in 40 CFR 763). The Abatement Contractor's workforce shall be supervised by experienced trained workers, knowledgeable and qualified in the techniques of asbestos abatement, in handling and disposing of asbestos-containing and/or asbestos-contaminated materials, and in the subsequent cleaning of contaminated areas. The Abatement Contractor's workforce, at a minimum should be Competent Person/Contractor Supervisor trained outlined in 40 CFR 763.
- C. As indicated in Table 1.1.1 removal and disturbance of asbestos exterior stucco which was found to have less than one tenth of one percent will be performed in accordance with OSHA required work practices.
- D. As indicated in Table 1.1.1 certain materials are anticipated to be found during earthwork, an SCAQMD Procedure 5 Work Plan will be required. In general, this will require typical work plan procedure for buried pipe. This work may require scheduling during off school times including vacation/break times.

- E. All removal and disturbance of lead-based paints and subsequent waste disposal shall be performed by a state-licensed contractor, using CDPH-certified workers with at least one CDPH-certified Supervisor. The Abatement Contractor's workforce shall be supervised by experienced trained workers, knowledgeable and qualified in the techniques of lead abatement, in handling and disposing of lead-containing and/or lead-contaminated materials, and in the subsequent cleaning of contaminated areas.
- F. All removal and disturbances of lead containing painted surfaces (reported as any detected level of lead) are subject to Cal/OSHA requirements as set forth in (8 CCR 1532.1) including training and the use of respirators and protective clothing. Respirators and protective clothing must be utilized until the Contractor has demonstrated, through objective data, the exposure levels to lead dust (based on a negative exposure assessment) do not exceed the permissible exposure level. Refer to the Asbestos and Lead Survey Report for materials and locations.
- G. When exposure monitoring of a lead-related task indicates that the permissible exposure level is or will be exceeded, the Contractor shall use CDPH-certified lead workers to complete the task.
- H. Material quantities included in this report are provided as an estimate only and are for information only and shall not be used as a reliable quantity 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 when preparing each project bid. Estimated quantities listed in this report were based on observed material in areas impacted by the scope of work.
- I. The Abatement Contractor shall furnish all labor, materials, services, and insurance. Insurance specifically covers the handling and transportation of ACMs and LBP which is specified, shown, or reasonably implied for the removal, transport, and disposal of the hazardous materials identified in Tables 1.1.1, 1.1.2, 1.1.3 listed below.

Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS & OSHA CLASSIFIED ACCM CAFETERIA

MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Drywall with joint compound	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	Full removal before Demolition	3.7.1
Gray sealant OSHA Classified ACCM	Upper and lower flashing and ducting HVAC	Full removal before Demolition	3.7.4
Window putty	West window bay of student dining	Full removal before Demolition	3.7.3
Mirror Mastic Assumed ACM	Five Restrooms, (boys, girls, staff men, staff women, and restroom in changing room	Full removal before Demolition	3.7.3
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS & OSHA CLASSIFIED
ACCM
GYM / DRAKE POOL

	GYM / DRAKE POOL		
MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Drywall with joint compound	Above fissured ceiling tiles, northeast stairwell, southeast stairwell, SG206, south gym, south gym, seating areas, basketball court	Full removal before Demolition	3.7.1
12"x12" blue floor tile with black mastic on ACM 12"x12" gray floor tile	Storage room and hallway west of elevator vestibule	Full removal before Demolition	3.7.1
Mirror Mastic Assumed ACM	Five Restrooms, (boys, girls, staff men, staff women, and restroom in changing room	Full removal before Demolition	3.7.3
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS H127			
MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Asbestos Cement "Transite" Flue Pipes	Roof	Full removal before Demolition	3.7.4
Mirror Mastic Assumed ACM	Five Restrooms, (boys, girls, staff men, staff women, and restroom in changing room	Full removal before Demolition	3.7.3
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

Table 1.1.1-SUMMARY OF ASBESTOS-CONTAINING MATERIALS & OSHA CLASSIFIED ACCM HISTORY BUILDING			A CLASSIFIED
MATERIAL	LOCATION	SCOPE OF IMPACT	SECTION
Soft rough plaster	Rooms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1st & 2 nd floor	Full removal before Demolition	3.7.1
TSI pipe insulation	Basement hallway in ceiling space, Room H023 storage	Full removal before Demolition	3.7.2
Fire Doors	Basement storage, H015 storage	Full removal before Demolition	3.7.2
Buried Asbestos Cement Pipe or Black Wrapped Pipe	Unknown, anticipated during earthwork excavation at the site	Will Require SCAQMD P5	SCAQMD P5 Plan

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT				
	CAFETERIA			
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION	
Green I Beam	Throughout	Paint stabilization as required	3.7.5	

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT			
	BUILDING H127		
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION
Exterior Windowsills	Throughout	Paint stabilization as required	3.7.5
Floor Drains	Throughout	Component Removal	3.7.5

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT				
	HISTORY BUILDING			
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION	
Circle air vents	Throughout Roof	Component Removal	3.7.5	
Window frame	On interior wood window frames	Paint stabilization as required	3.7.5	
Window frame	All exterior wood window frames	Paint stabilization as required	3.7.5	
Window Sash	All exterior wood window	Paint stabilization as required	3.7.5	
Plaster Wall	History, Floor 1	Paint stabilization as required	3.7.5	
Ceramic Floor	History, Floor 1/H111	Component Removal	3.7.6	
Drywall Wall	History, Floor 2/H206	Paint stabilization as required	3.7.5	
Concrete Wall	History, Basement/H203	Paint stabilization as required	3.7.5	

Table 1.1.2- SUMMARY OF LEAD-BASED PAINT			
	SOUTH GYM		
COMPONENT	LOCATION	SCOPE OF IMPACT/ESTIMATED	SECTION
Interior structural beams, columns, truss	Throughout	Paint stabilization as required	3.7.5
Water Fountain	Throughout	Component Removal	3.7.5
Tile Pool Markers	Pool	Component Removal	3.7.5
Sink	South Gym/Floor 1/SG120	Component Removal	3.7.5
Door Frame	South Gym/West Hallway	Component Removal	3.7.5
Bulletin Board	South Gym/West Hallway	Component Removal	3.7.5

Table 1.1.3-SUMMARY OF LEAD-CONTAINING PAINT	
All removal and disturbances of lead containing painted surfaces (reported as any detection level of lead by paint chip analysis) are subject to Cal/OSHA worker exposure requirements (8 CCR 1532.1) including the use of respirators and protective clothing until the Contractor has demonstrated, through objective data, the exposure levels to lead dust (based on a negative exposure assessment) do not exceed the permissible exposure level. All coatings which have detectable concentrations of lead must be handled in accordance with this section. Please refer to the Survey Report for specific materials and locations.	3.7.7

1.2 WORK TO BE PERFORMED BY OTHERS

A. As per Project Drawings and/or Project Specifications.

1.3 RESPONSIBILITIES OF OWNER

A. The Owner may elect to provide daily oversight and environmental monitoring surrounding the abatement/removal operations.

1.4 REQUIRED LICENSURE

- A. Abatement Contractor shall be licensed by the State of California Contractors State License Board and be registered to perform asbestos related work with the Division of Occupational Safety and Health, Department of Industrial Relations. At a minimum, the Abatement Contractor shall hold the following license classification:
 - 1. ASB Asbestos Certification
 - 2. U.S. EPA Renovation, Repair, & Repainting Program (RRRP), if required

- B. Transportation of Friable and Non-Friable Asbestos Containing Materials: Contractor shall be or have a subcontractor who is a registered hazardous waste transporter with the State of California, Department of Toxic Substances Control.
- C. Subcontractors shall hold all licenses applicable to specified trade work.

1.5 PERMITS AND NOTIFICATIONS

- A. As required by California Division of Occupational Safety and Health (Cal/OSHA)
- B. As required by the South Coast Air Quality Management District (SCAQMD)
- C. As required by Department of Health Services (Cal/DPH)
- D. As required by local agencies for specific tasks (i.e., temporary power, etc.)

1.6 NOTIFICATIONS

- Contractor shall make all required written notifications to regulatory agencies including the following:
 - 1. Cal/OSHA
 - 2. SCAQMD
 - Cal/DPH, if required.

1.7 INSURANCE REQUIREMENTS

A. Provide as per Project Specifications.

1.8 BONDING REQUIREMENTS

A. Provide as per Project Specifications.

1.9 PROJECT SCHEDULE

A. Project Start Date: As specified by owner Project Completion Date: As specified by owner

B. All work shall be performed as per agreement between Contractor and Owner.

1.10 APPLICABLE REGULATIONS

- A. Contractor shall perform all work in compliance with current, applicable federal, state, and local regulations, standards, and codes including District specifications governing asbestos abatement, transport, and disposal of asbestos containing/contaminated materials, of lead-based/containing surface coatings and contaminated materials, and of all other hazardous materials.
 - 1. Requirements include obtaining permits, licenses, inspections, releases and similar documentation as well as payments, statements, and similar requirements associated with codes, regulations, and standards.

- B. Regulations, Standards, and Codes (General):
 - 1. General applicability of federal, state, and local regulations, standards, and codes governing hazardous materials abatement, demolition, transport, and disposal, except to the extent that more explicit or more stringent requirements are written directly into the contract documents. All applicable regulations, standards, and codes have the same force and effect and are made a part of the contract documents as if copied directly into the contract documents, or as if published copies are bound herewith.
- C. Contractor Responsibility: The Contractor shall assume full responsibility and liability for the compliance with all applicable federal, state, and local regulations including District Specifications pertaining to work practices, transport, disposal, and protection of workers, visitors to the site, and persons occupying areas adjacent to the site.
 - The Contractor is responsible for providing training, medical examinations and maintaining training/medical records of personnel as required by the applicable federal, state, and local regulations.
 - 2. The Contractor shall hold the Owner and Project Environmental Consultant harmless for failure to comply with any applicable hazardous materials abatement, transport, disposal, safety, health, or other regulation on the part of himself/herself, his/her employees, or his/her subcontractors.

1.11 SUBMITTALS

- A. Prior to commencement of work, the Abatement Contractor shall submit to the Project Environmental Consultant (Owner's Representative) documentation that includes, without limitation, the following:
 - Copies of licenses and registrations required by Article 1.6 Required Licensure (includes copies of subcontractors' licenses).
 - 2. Copies of written notifications to the following regulatory agencies:
 - a. Cal/OSHA
 - b. SCAQMD
 - c. Cal/DPH, if necessary.
 - Manufacturer's certification that HEPA vacuums, differential pressure air filtration devices, and other local exhaust ventilation equipment conform to ANSI Z9.2-79 and have been permitted by the SCAQMD.
 - 4. Documentation showing that Contractor's employees, including foreman, supervisors, and any other company personnel or agents who may be exposed to airborne asbestos fibers or who may be responsible for any aspects of asbestos abatement activities, have received training as required by 29 CFR 1926.1101 and 8 CCR 1529.
 - Documentation showing that Contractor's employees, including foreman, supervisors, and any other company personnel or agents who may be exposed to airborne lead dust or who may be responsible for any aspects of lead abatement activities, have received training as required by 29 CFR 1926.62 and 8 CCR 1532.1.

- 6. Documentation from Physician (signed by an M.D.) showing that all employees or agents who may be exposed to airborne asbestos fibers in excess of background levels have received medical monitoring to determine whether they are physically capable of working while wearing a respirator without suffering from adverse health effects. The Contractor must be aware of and provide information to the examining physician about unusual conditions in the workplace environment (e.g. high temperatures, humidity, and chemical contaminants) that may impact the employee's ability to perform work activities.
- Documentation of respirator fit-testing for all Contractor employees and agents who must enter the work area. This fit-testing shall be conducted annually and in accordance with procedures as required by 29 CFR 1910.134 and 8 CCR 5144.
- 8. An emergency preparedness plan as required by Article 1.16 Emergency Planning.
- B. During abatement activities, the Abatement Contractor shall maintain on-site records and submit to the Project Environmental Consultant at the completion of the project documentation that includes, without limitation, the following:
 - 1. Copies of the work area entry/exit log book.
 - Copies of logs documenting filter changes on respirators, HEPA vacuums, differential pressure air filtration devices, water filtration devices, and other engineering controls.
 - Copies of Material Safety Data Sheets (MSDS) for solvents, encapsulants, wetting agents, replacement materials, and other substances brought by the Contractor to the Project Site. MSDSs shall be available the first day that subject materials/substances are present on the project site.
 - 4. Results of all required OSHA compliance air monitoring. Results shall be available for review by Consultant and Owner within 24 hours of the sampling.
 - 5. Copies of all accident/incident reports where injury or damage has occurred on or to the Owner's property.
 - 6. Copies of daily logs indicating location(s) worked, type(s) of materials removed, Quantity(s) of materials removed, and number of personnel conducting the aforementioned activities.
 - 7. Copies of all transport manifests, trip tickets, and disposal receipts for all asbestos waste materials removed from the site.

1.12 NOTICES

A. Post in the clean room area of the worker decontamination enclosure a list containing the names, and telephone numbers of Owner, Construction Manager, Abatement Contractor, and Project Environmental Consultant.

- B. Additional postings shall include:
 - 1. Visitor Entry and Exit Log.
 - 2. Employee Daily Sign in Log.
 - 3. Entry and Exit Procedures.
 - 4. Emergency Procedures.
 - 5. Copies of permits required in Article 1.7 of this document and copies of notifications required in Article 1.8 of this document.
 - 6. As required by the Department of Labor.

1.13 SITE USE AND SECURITY

- A. Confine operations at the site to the areas permitted under the Contract. Portions of the site beyond areas on which work is indicated are not to be disturbed.
- B. The work area shall be restricted only to authorized, trained, and protected personnel including the Abatement Contractor, Abatement Contractor's employees, Owner's employees, Owner, Construction Manager, Project Environmental Consultant, and State and Local Inspectors.
- C. Entry into the work area by unauthorized individuals shall be reported immediately to the Project Environmental Consultant.
- D. Contractor shall be responsible for Project site security during abatement operations.

1.14 EMERGENCY PLANNING

- A. Emergency planning and procedures shall be developed by the Abatement Contractor prior to abatement initiation.
- B. Emergency procedures shall be in written form and prominently posted. Contractor shall ensure that all persons entering the work area read these procedures and understand the Project Site layout, location of emergency exits and emergency procedures.
- C. Emergency planning shall include considerations of fire, explosion, electrical hazards, slips, trips and falls, confined spaces, and heat related injuries. Written procedures shall be developed and employee training in procedures shall be provided by the Contractor.
- D. Employees shall be trained in evacuation procedures in the event of work place emergencies.
 - 1. For non-life-threatening situations, employees injured or otherwise incapacitated shall decontaminate following normal procedures with assistance from fellow workers, if necessary, before exiting the work place to obtain proper medical treatment.
 - 2. For life threatening injury or illness, worker decontamination shall take least priority. After measures to stabilize the injured worker, remove him/her from the work place and secure proper medical treatment.
 - 3. Telephone numbers of all emergency response personnel shall be prominently posted in the clean and equipment rooms.

1.15 FIRE PROTECTION

- A. All plastic, spray-on strippable coatings, and structural materials used in the asbestos abatement processes shall be UL-approved and certified as fire retardant or noncombustible.
- B. Wood shall be pressure impregnable and certified as fire retardant.
- C. Safety Data Sheets (SDS) for fire retardant materials shall be made available upon request.
- D. All combustible rubbish and debris, including asbestos waste shall be properly packaged, labeled, and stored in a District designated lockable storage facility at the end of each workday.
- E. A minimum of one (1) 4A/60BC dry-chemical extinguisher shall be maintained at each of the following locations:
 - 1. At each corner of the work area. Where no clear corners exist, four (4) extinguishers shall be placed around the exterior wall of the work area so that they are approximately 25 percent of the total distance apart.
 - a. Exception: Where the total contained work area is less than 1,000 square feet, two (2) 4A/60BC extinguishers shall be provided. All extinguishers shall be clearly identified with red tape.
 - 2. Contractor shall ensure that on site personnel are aware of the location and proper use of all extinguishers and other fire/life safety equipment.
- F. All existing fire detection, alarm systems, connections and standpipes shall remain in place, active, and unobstructed. Any alteration to this equipment must be approved by the Owner.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Generally, Contractor shall carefully adhere to the following:
 - 1. All plastic, spray-on strippable coatings, and structural materials used shall be ULcertified as fire retardant or non-combustible.
 - 2. Fire-retardant polyethylene sheeting utilized for worker decontamination and construction/containment barriers shall be a minimum of six-mil in thickness.
 - Disposal bags used to package hazardous waste shall be of six-mil polyethylene, pre-printed with labels as required by EPA regulation 40 CFR 61.152 (b) and 8 CCR 1529.
 - 4. Warning signs as required by Cal/OSHA shall be utilized.
- B. Removal and Encapsulation:
 - 1. Apply surfactant during removal work activities.
 - 2. Apply an encapsulating agent to the substrate surfaces from which asbestos-containing material has been stripped.

3. Mastic removal solvents shall be of the low odor variety.

2.2 EQUIPMENT

A. General:

 A sufficient quantity of HEPA vacuums and/or differential pressure air filtration devices equipped with HEPA filtration shall be used to control asbestos fibers during the removal of asbestos containing materials. To calculate total air flow requirement:

Total ft³/min =
$$\frac{\text{Vol. of work area (in ft}^3)}{15 \text{ min}}$$

To calculate the number of units needed for the abatement:

Number of units needed =
$$\underline{\text{[total ft}^3/\text{min]}}$$
 [capacity of unit in ft³/min]

- 2. At a minimum, full-face powered air-purifying respirators (PAPRs) equipped with HEPA filter cartridges shall be utilized during all friable/Class I asbestos removal and for all removal of lead-containing paints/substances involving abrasive removal techniques.
- 3. At a minimum, half-face air-purifying respirators with P-100 cartridges shall be utilized for the removal of all non-friable/Class II asbestos, lead coated ceramic tile, and impacted/damaged lead-based paint. This does not apply to abrasive removal.
- 4. Respirators shall be furnished to the abatement workers by the Abatement Contractor. The respirators shall have been tested and approved by the National Institute of Occupational Safety and Health (NIOSH) for use in asbestos-contaminated atmospheres.
- 5. Full body disposable protective clothing, including head, body, and foot coverings shall be furnished to workers and visitors by the Abatement Contractor. The clothing shall include adequate sizes to accommodate movement without tearing.
- 6. Additional safety equipment as supplied in accordance with 8 CCR 1514, (e.g. hard hats meeting the requirements of 8 CCR 1515, eye protection meeting the requirements of 8 CCR 1516, safety shoes meeting the requirements of 8 CCR 1517, hand protection meeting the requirements of 8 CCR 1520, hearing protection meeting the requirements of 8 CCR 1521, and body protection meeting the requirements of 8 CCR 1522), as necessary, shall be furnished to all workers and authorized visitors.

B. Removal:

- Removal shall be performed using manual means and methods. Perform removal in manageable sections and perform continuous clean-up of debris. Mechanical removal shall only be performed in conjunction with Owner approved HEPA air filtration systems.
- 2. Perform detail cleaning using HEPA vacuuming and wet wiping methods. No brooms shall be used during asbestos and lead-based paint related work.

C. Encapsulation: Encapsulants shall be sprayed using airless spray equipment or hand pressurized sprayer.

PART 3 - EXECUTION

3.1 CLEAN-UP PROCEDURES

A. Remove and containerize all visible accumulations of asbestos-containing material, and asbestos/lead-contaminated debris utilizing rubber dust pans and rubber squeegees to move material around. Do not use metal shovels to pick up or move accumulated waste within contained work areas.

Asbestos-containing/contaminated waste shall be packaged and label in accordance with EPA regulation 40 CFR 61.152 (b) (l) (iv), Cal/OSHA (Title 8 CCR Sections 1529 and 5208), SCAQMD Rule 1403, and if applicable Title 22 CCR Section 66504.

Lead-waste wastes shall be packaged, and label as required by 8 CCR 1532.1 and 22 CCR 66504.

All other hazardous wastes shall be containerized as appropriate and disposed of in a manner that satisfies the requirements for waste characterization and disposal in accordance with the requirements of Title 22 of the California Code of Regulations, Sections 66243, et seq., and Sections 25157.8, et al, of the California Health and Safety Code.

- B. Whether cleaning an asbestos work area or a lead work area (or both), wet clean all surfaces in the work area using a HEPA-vacuum, as appropriate.
- C. After gross cleaning of the work area, HEPA-vacuum and wet clean all objects and surfaces in the work area are completed, remove all containerized waste from the work area.
- D. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning sequence.
- E. Project Environmental Consultant and the Abatement Contractor representative will inspect the work area for visible residue. If any accumulation of residue is observed, a second settling period and cleaning cycle will be repeated at no additional cost to the Owner.
- F. Following the satisfactory completion of clearance air monitoring or clearance wipe testing, the remaining barriers may be removed and prepared for proper disposal. A final visual inspection by Project Environmental Consultant and the Abatement Contractor representative will be performed. Unsatisfactory conditions may require additional cleaning and air monitoring/wipe sampling, at no additional cost to the Owner.

3.2 WORKER DECONTAMINATION SYSTEMS

- A. Worker decontamination enclosure systems shall be provided at all locations where workers will enter or exit regulated work areas.
- B. Worker decontamination enclosure systems constructed at the Project Site shall utilize six-mil, fire-retardant polyethylene sheeting, or other approved materials for privacy.
- C. Personnel Decontamination Units shall not be located inside the work area(s) unless specifically authorized by the Project Environmental Consultant.

- D. Alternative methods of providing decontamination facilities may be submitted to the Project Environmental Consultant for approval. Do not proceed with any such method(s) without the written authorization.
- E. The worker decontamination enclosure system shall consist of at least a cleansing station in accordance with the requirements of 8 CCR 1527 and 8 CCR 1529, equipped with adequate water, towels, and cleansing agents to accommodate the entire crew and visitors.

3.3 DISPOSAL PROCEDURES

- A. All Class I friable asbestos waste shall be disposed as hazardous waste and disposed of at an appropriate landfill facility. The waste shall be manifested using a Uniform Hazardous Waste Manifest.
- B. All Class II non-friable asbestos waste shall be disposed of as Non-Hazardous, Non-Friable Asbestos Waste. A non-hazardous material data form will be required.
- C. All asbestos-containing waste shall be placed and stored in clear, sealed, leak-tight, and appropriately labeled containers in accordance with 8 CCR 1529 and SCAQMD Rule 1403, and be transported to an appropriate landfill for disposal.
- D. The Abatement Contractor will be responsible for segregating lead waste (LBP and LCP) into separate waste streams. The Contractor will be required to collect a sufficient number of samples to adequately characterize the waste stream. Sample analysis will include at a minimum, Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC), and Toxicity Characteristic Leaching Procedure (TCLP).

The Contractor shall develop and submit for review a waste sampling and management plan to the Owner and the Project Environmental Consultant.

- E. All hazardous wastes (including non-hazardous asbestos wastes) must be transported by a certified waste hauler and disposed of at a waste facility approved by the Owner.
- F. Obtain the EPA Hazardous Waste Generator Identification Number and State of California Hazardous Waste Tax Identification Number from the Owner for hazardous waste disposal.
- G. All hazardous waste manifests or non-hazardous material data forms shall be delivered to the Owner. Record keeping format shall utilize a chain of custody form which includes the names and addresses of the Generator (Owner), Contractor, Waste Hauler, pickup site, disposal site, the estimated quantity of the asbestos waste and the type of containers used. The form shall be signed by the Generator, Contractor, Waste Hauler and the Disposal Site Operator, as the responsibility for the material changes hands.

3.4 REESTABLISHMENT OF THE WORK AREAS

3.4.1 VISUAL INSPECTION

Upon completion of the removal process, the Owner representative and the Abatement Contractor will conduct a post-abatement visual inspection. If any material designated for removal, including loose debris, is observed the Contractor will be required to re-clean that specific area.

3.4.2 ABATEMENT CLEARANCE CRITERIA

1. Following the completion of final clean-up operations, Project Environmental Consultant will be notified that work areas are ready for final inspection and clearance air monitoring.

- a. Project Environmental Consultant will then sample the air in the work area for airborne fiber concentrations.
- b. Samples from removal areas with less than 160 square feet of removed material, at the discretion of the District, will be analyzed using Phase Contrast Microscopy (PCM) utilizing the NIOSH 7400 method. A minimum of five samples from inside the work area will be collected. Clearance will be issued when all samples results show that the airborne fiber concentrations inside the abatement work area are equal to or less than 0.01 f/cc or the background level (whichever is greater).
- c. Samples from removal areas with greater than 160 square feet or 260 linear feet of removed material, will be analyzed using Transmission Electron Microscopy (TEM). A minimum of five samples from inside the work area will be collected. If the arithmetic mean of their asbestos structure concentrations per square millimeter is less than or equal to 70 structures per square millimeter, the asbestos removal and clean-up activities within the work area will be deemed to have been completed.
- d. If these conditions are not met, decontamination shall be deemed incomplete and the cleaning procedures shall be repeated. The area shall be re-cleaned and re-tested at no additional cost to the Owner until satisfactory levels are obtained.
- 2. For lead-based removal work, wipe sampling shall be performed within the controlled work areas following completion of demotion work.
 - a) Release Criteria: Decontamination of the work area is complete when at least one representative sample per work area is analyzed and reveals lead concentrations below 40 micrograms of lead per square foot of area on interior floors, 250 micrograms of lead per square foot of area on window channels/sills, and 800 micrograms of lead per square foot of area on exterior floors.
 - b) If these conditions are not met, then the decontamination is incomplete, and the cleaning procedures noted in Article 3.1 above shall be repeated. The area shall be re-tested at no additional cost to the Owner until satisfactory levels are obtained.
 - c) For removal/demolition of lead-based paint components where the component was removed intact and without creating a disturbance to the LBP, clearance will be issued upon passing of a final visual inspection completed as described in section 3.4.1 of this work plan.

3.5 ENVIRONMENTAL MONITORING

Air monitoring will be carried out by the Project Environmental Consultant on behalf of the Owner to verify that the building beyond the contamination area and the outside environment remains uncontaminated.

Area Air Monitoring: The Project Environmental Consultant will conduct in-progress air monitoring daily to determine area airborne contaminant concentrations within the confines of the work area.

Environmental Air Sampling: Ambient air samples will be collected and analyzed to indicate fiber migration from containment to the environment. Should any environmental sample outside work areas exceed the base line of 0.01 f/cc of air or established background concentrations as determined by PCM analysis, all work will immediately halt except for corrective work. The PEC shall determine the source of the high fiber count and notify the Contractor with directions for the corrective action.

3.6 OSHA PERSONNEL AIR MONITORING

Air monitoring required by Cal/OSHA is the responsibility of the Abatement Contractor. The Contractor is responsible for providing daily Cal/OSHA compliance monitoring as per 8 CCR 1529 for asbestos and CCR 1532.1 for lead.

- A. At minimum, the Contractor shall conduct representative breathing zone personal air monitoring of its employees, repeated daily or until a "negative exposure assessment", as derived in accordance with 29 CFR 1926.1101 (f)(2)(iii) and 8 CCR 1529 for asbestos.
- B. Employers must assess the amounts of lead breathed by workers on a regular basis for each trigger task as per 8 CCR 1532.1. This is usually done by employee breathing zone air sampling. Air sampling results are used to determine the protective measures needed as well as the type of respirator that must be worn for protection.
 - Level 1 trigger tasks: Spray painting, manual demolition, manual scraping or sanding, use of heat gun, power tool cleaning with dust collection system. Minimum required respirator: half-mask respirator with N-100, R-100 or P-100 filters.
 - Level 2 trigger tasks: Using lead-containing mortar, lead burning, rivet busting, power tool
 cleaning without dust collection system, clean-up activities using dry expendable
 abrasives, abrasive blasting enclosure movement or removal. Minimum required
 respirator: air-supplied hood or helmet, or loose-fitting hood or helmet powered air purifying
 respirator with N-100, R-100 or P-100 filters.
 - Level 3 trigger tasks: Abrasive blasting, welding, cutting, or torch burning on structures
 where lead-containing coatings or materials are present. Minimum required respirator: halfmask supplied air respirator operated in a positive pressure mode.
- C. Monitoring shall be conducted by a qualified air professional experienced and knowledgeable about the methods of air monitoring and in accordance with 29 CFR 1926.1101, 8 CCR 1529 and 8 CCR 1532.1.
- D. Monitoring results and appropriate laboratory analysis work shall be posted <u>within forty-eight</u> (48) hours of the monitoring work.

3.7 WORK PROCEDURES

3.7.1 ASBESTOS-CONTAINING MATERIALS REMOVAL-PLASTER, DRYWALL/JOINT COMPOUND, FLOOR TILE

Engineering Controls:

1. Install a full containment work area isolation including critical barriers, a 3-stage worker decontamination facility and temporary negative pressure differential.

Min. Resp. Protection:

- Powered Air Purifying Respirators (PARP). The respiratory protection may be downgraded to a halfface APR if the Abatement Contractor can confirm based on objective data (personal air sampling) that exposure levels to asbestos during removal of the identified material will be sufficient for that respirator.
- 2. Perform the required Cal/OSHA worker exposure air monitoring.

Removal:

1. Remove the material using manual means and wet methods. Allow surfactant to soak into material and remove in manageable sections. Do not let debris to accumulate, perform cleaning of up of loose debris continuously.

Preparation/Transport:

1. Package and label the waste immediately. Store all waste in a lockable storage dumpster.

Disposal:

- 1. Dispose of all non-friable materials as non-hazardous asbestos containing waste. A Non-Hazardous Waste Shipment Record is required.
- 2. Dispose of all friable materials as hazardous asbestos-containing waste. A waste shipment (manifest) will be required.

3.7.2 ASBESTOS-CONTAINING MATERIALS REMOVAL-TSI & FIREDOORS

Engineering Controls: Set up is dependent on scope of work. Smaller scopes may be completed with lower level of engineering controls and shall be approved by District representative.

- 1. Install a full containment work area isolation including critical barriers, a 3-stage worker decontamination facility and temporary negative pressure differential.
- 2. For elbow T.S.I., removal may also be performed using a glove bag technique. For glove bag removal, install critical barriers, drop floors, signs, and a two-stage worker decontamination facility.
- 3. For the door removal, if they can be undone at the hinges intact, a drop floor will suffice. Waste must be wrapped, labeled, and disposed of as hazardous waste.

Min. Resp. Protection:

- Powered Air Purifying Respirators (PARP). The respiratory protection may be downgraded to a halfface APR if the Abatement Contractor can confirm based on objective data (personal air sampling) that exposure levels to asbestos during removal of the identified material will be sufficient for that respirator.
- 2. Perform the required Cal/OSHA worker exposure air monitoring.

Removal:

Remove the material using manual means and wet methods. Allow surfactant to soak into material and remove in manageable sections. Do not let debris to accumulate, perform cleaning of up of loose debris continuously.

Preparation/Transport:

Package and label the waste immediately. Store all waste in a lockable storage dumpster.

Disposal:

1. Dispose of as friable, hazardous asbestos-containing waste. A waste shipment (manifest) will be required.

3.7.3 ASBESTOS-CONTAINING MATERIALS REMOVAL-MIRROR MASTIC, WINDOW PUTTY, CEMENT FLUE PIPES

Engineering Controls:

 Install a containment work area including critical barriers, a two-stage worker decontamination facility and signs.

Min. Resp. Protection:

Half Face Air Purifying Respirators where the Abatement Contractor has completed a worker negative
exposure assessment and demonstrated that the Cal-OSHA permissible exposure will not be
exceeded.

Removal:

1. Apply a surfactant, allow surfactant to soak into material and remove in manageable sections. Remove the material using manual means and methods.

Preparation/Transport:

1. Package and label the waste immediately. Keep wet and cover during transport to dumpster. Store all waste in a lockable storage dumpster.

Disposal:

1. Dispose of as non-friable, non-hazardous asbestos-containing waste.

3.7.4 ASBESTOS-CONTAINING CONSTRUCTION MATERIALS REMOVAL-GRAY SEALANT

Engineering Controls:

Establish critical barriers as necessary to prevent contamination outside of the regulated area. A
one-stage decontamination facility is required with wash station. Install drop floors around the
perimeter of the work area to extend at least 10 feet beyond the edge of the work area, where
applicable.

Min. Resp. Protection:

 Half Face Air Purifying Respirators where the Abatement Contractor has completed a worker negative exposure assessment and demonstrated that the Cal-OSHA permissible exposure will not be exceeded.

Removal:

1. Apply a surfactant, allow surfactant to soak into material and remove in manageable sections. Remove the material using manual means and methods.

Preparation/Transport:

1. Package and label the waste immediately. Keep wet and cover during transport to dumpster. Store all waste in a lockable storage dumpster.

Disposal:

 Waste material reported with traces of asbestos (<1%) may be disposed of as non-hazardous waste.

3.7.5 LEAD-BASED PAINT REMOVAL- PAINT STABILIZATION / COMPONENT REMOVAL

Engineering Controls:

1. Install demarcation signage; drop floors, and critical barriers as necessary and a 2-stage worker decontamination facility with a wash station.

Min. Personal Protection:

- 1. Half-face air-purifying respirators equipped with HEPA-P100 filters. Disposable clothing (Tyvek [or equivalent] suits) and hand, foot, and eye protection is required.
- 2. Perform the required Cal/OSHA worker exposure air monitoring.

Removal:

- Remove and stabilize all damaged, loose, and flaky paint prior to the component removal or surface preparation for repainting etc. Apply a paint sealer to the stabilized painted areas.
- 2. No mechanical removal such as saw cutting, torching, cutting, welding, etc. through lead-based paint shall be conducted. Painted components which may require cutting shall first be spot abated. The paint in the area to be cut shall first be removed entirely at a minimum six inches to each direction of the cut point. The Contractor will be required to submit a work plan, separate from this plan, for any planned work involving mechanical means or removal stated above. The plan must be reviewed and approved by the District prior to the Contractor beginning any work.

Preparation/Transport:

1. Package the waste generated by the paint stabilization and separate the waste into waste streams. Conduct the required waste characterization for disposal. (Refer to Section 3.3 of this document).

Disposal:

1. Dispose of all lead waste in accordance with federal, state, and local regulations.

3.7.6 LEAD-BASED PAINT REMOVAL- CERAMIC DEMOLITION

Engineering Controls:

1. Install a full containment work area including critical barriers, and a 3-stage worker decontamination facility and temporary negative pressure differential.

Min. Personal Protection:

- 1. Half-face air-purifying respirators equipped with HEPA-P100 filters. Disposable clothing (Tyvek [or equivalent] suits) and hand, foot, and eye protection is required.
- 2. Perform the required CAL-OSHA worker exposure air monitoring.

Removal:

3. Remove the material in manageable sections using manual means and wet methods.

Preparation/Transport:

1. Package the waste into waste streams. Conduct the required waste characterization for disposal. (Refer to Section 3.3 of this document).

Disposal:

1. Dispose of all lead waste in accordance with Federal, State, and Local regulations.

3.7.7 LEAD-CONTAINING PAINT CONSTRUCTION RELATED WORK

All construction work activities impacting lead-containing paints (LCP) (paints reported below 5,000 ppm) completed for this project, such as but not limited to demolition, removal, renovation etc. remain subject to Cal/OSHA worker exposure requirements (8 CCR 1532.1) including the use of respirators, protective clothing, training, air monitoring, waste disposal, etc. Further, it is the Contractor's responsibility to ensure that his workers are adequately protected to potential lead exposure during the initial monitoring period. It is the responsibility of the Abatement Contractor to fully comply with the requirements of the Cal/OSHA regulation. Cal/OSHA requirements are summarized below:

- a. Employers must assess the concentration of lead breathed by workers on a regular basis for each trigger task as per Section 1532.1(d). This is usually done by employee breathing zone air sampling. Air sampling results are used to determine the protective measures needed as well as the type of respirator that must be worn for protection.
 - Level 1 trigger tasks: Spray painting, manual demolition, manual scraping or sanding, use of heat gun, power tool cleaning with dust collection system. Minimum required respirator: half-mask respirator with N-100, R-100 or P-100 filters.
 - ii. Level 2 trigger tasks: Using lead-containing mortar, lead burning, rivet busting, power tool cleaning without dust collection system, clean-up activities using dry expendable

abrasives, abrasive blasting, enclosure movement or removal. Minimum required respirator: air-supplied hood or helmet, or loose fitting hood or helmet powered air purifying respirator with N-100, R-100 or P-100 filters.

iii. Level 3 trigger tasks Abrasive blasting, welding, cutting, or torch burning on structures where lead-containing coatings or materials are present. Minimum required respirator: halfmask supplied air respirator operated in a positive pressure mode.

All lead waste shall be segregated into separate waste streams. The Contractor will be required to collect a sufficient number of samples to adequately characterize the waste stream. Sample analysis will include at a minimum, Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP). Refer to Section 3.3 for additional information.

End of Section

Appendix A
Survey Report



ASBESTOS AND LEAD SURVEY

For the Demolition of the Cafeteria, South Gym, H127, History Buildings & Remodel of the Drake Pool Santa Monica High School 601 Pico Boulevard Santa Monica, California 90405

Prepared for:

Santa Monica-Malibu Unified School District 1651 Sixteenth Street Santa Monica, California 90405

Project No.: SMSD-19-9289

Date: May 8, 2020

EXECUTIVE SUMMARY

From March 23 thru May 6, 2020, NV5 / Alta Environmental (NV5) conducted a survey for asbestos and lead in paint for the demolition of the Cafeteria, South Gym, H127, History Buildings project and remodel of the Drake Pool to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Investigation to locate suspect asbestos-containing materials (ACM) and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM and painted surfaces;
- · Collection of bulk samples from suspect ACM and painted surfaces; and
- Laboratory analysis of samples collected.

Alta survey and sampling were limited to the following areas: Cafeteria, Gym/South Drake Pool, H127 and History Buildings. The survey included all accessible interior walls, ceilings, ceiling spaces, attic spaces, limited crawl spaces, exterior walls, and roofs.

Asbestos-containing materials (ACMs) were detected in in areas inspected by the scope of work. Removal may be subject to regulation under USEPA 40 CFR 61, locally enforced by South Coast Air Quality Management District (SCAQMD) and Cal/OSHA regulation (Title 8 CCR Section 1529).

Lead-based paints (LBP) were detected in areas impacted by the scope of work. Removal and disturbances may be subject to California Department of Public Health. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

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

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

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Appendices

Appendix A: Field Bulk Sample list: Asbestos

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Appendix E: Alta Environmental Employee Certifications

Appendix F: Previous Survey; Cape 1993, CTL 2007, Alta 2018



REPORTED: May 8, 2020 PROJECT NO.: SMSD-19-9289

CLIENT: Santa Monica-Malibu Unified School District

1651 Sixteenth Street

Santa Monica, California 90405

ATTENTION: Mr. Alan Braatvedt

REF: Asbestos and Lead Survey

Demolition of Cafeteria, South Gym, H127, History

Buildings & Remodel of the Drake Pool

Santa Monica High School

601 Pico Boulevard

Santa Monica, California 90405

1 INTRODUCTION

From March 23 thru May 6, 2020, Alta Environmental conducted a survey for asbestos, and lead in paint for the upcoming demolition and remodeling project to be completed at Santa Monica School located at 601 Pico Boulevard, Santa Monica, California.

2 PROJECT BACKGROUND

Santa Monica-Malibu Unified School District retained Alta Environmental for the limited survey. The survey was completed by Randolph Flores and Jorge Robles, both Cal/OSHA Certified Site Surveillance Technicians (CSSTs) and CDPH Lead Sampling Technicians and Carbany Becerril, an EPA Building Inspector and CDPH Lead Sampling Technician working under the direct supervision of Greg Archung, a Cal/OSHA Certified Asbestos Consultant (CAC) and CDPH Certified Inspector/Assessor.

3 SCOPE OF WORK

NV5/Alta survey and sampling were limited to: Cafeteria, Gym/South Drake Pool, H127, and History Buildings The survey included all accessible interior walls, ceilings, ceiling spaces, attic spaces, limited crawl spaces and exterior walls, roof.

The survey included the following:

- Investigation to locate suspect asbestos-containing materials (ACM) and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM and painted surfaces;
- Collection of bulk samples from suspect ACM and painted surfaces;
- Laboratory analysis of samples collected.



4 METHODOLOGY

4.1 Asbestos

Bulk samples of observed construction materials were collected. The sampling was conducted using guidelines set forth in *Federal Register 40 CFR Part 763*. NV5 conducted an initial walkthrough of the Site to develop a listing and sampling scheme of suspect materials. Samples were placed in sealable sample containers and assigned a unique sample identification number.

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

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

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000-point count analysis have been incorporated in this report.

Caution is advised in interpreting results provided herein.

4.2 Lead

Representative bulk paint chip samples of the following materials were collected from both the interior and exterior plaster, drywall, stucco, concrete, brick walls, doors, door frames, window systems, handrails, lockers, fire extinguish cases, roof flashing, roof conduit, roof cap sheet and concrete skylights were collected.

Paint chips were collected to determine the parts per million (ppm) concentration of lead in the painted surfaces. 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 located in Signal Hill, California, a laboratory accredited by the Environmental Lead Laboratory Accreditation Program (ELLAP).

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.

4.3 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.

Please note that data from previous surveys at the Site have been incorporated into the tables below.

Summary of ACMs and ACCMs:

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
	C	Cafeteria Building		
Drywall with joint compound	5163-5171	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	3% Chrysotile	13,000 SF



Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
Gray sealant	CB-4	Upper and lower flashing and ducting HVAC	0.29% chrysotile *by 1000 ptct	1000 LF
Window putty	CB-35 thru CB-36	West window bay of student dining	0.40% chrysotile - 0.58% chrysotile *by 1000 ptct	300 LF
Mirror Mastic		Five Restrooms , (boys, girls, staff men, staff women, and restroom in changing room	Assumed	25 SF
	Gym/E	Prake Pool Building		
Drywall with mud (ceiling) composite	gym-17	Above fissured ceiling panels, , southeast stairwell, SG206, basketball court, south gym seating areas	0.17% chrysotile (1000 pt.)	4,000SF
Drywall mud (ceiling)	gym-21 thru gym-27	Above fissured ceiling tiles, northeast stairwell, southeast, stairwell, south gym, south gym, seating areas, basketball court	0.67% - 1.04% chrysotile (1000 pt.)	4,000 SF
12"x12" blue floor tile with black mastic on 12"x12" gray floor tile	GB-31 thru GB-33	Storage room and hallway west of elevator vestibule	None detected - blue Tile None detected - mastic layer 1 8% chrysotile - gray tile None detected - mastic layer 2	280 SF
Mirror Mastic		Staff restrooms, student restrooms, boys & girls locker room near showers, SG16, SG15 and dance studio	Assumed	720 SF



H-127 Building

Asbestos Cement "Transite" Flue Pipes	NA	Roof	Known	4 Pipes (40 LF)
Mirror Mastic		Restroom	Assumed	5 SF
	Н	istory Building		
Soft rough plaster	H16 thru H22	Rooms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1st&2nd floor	3% chrysotile	39,000 SF
TSI pipe insulation	0130-H29, 0130-H30, 0130-H31	Basement hallway in ceiling space, room H023 storage	6% amosite and 2% chrysotile	900 LF
Fire door	N/A	Basement storage, H015 storage	Assumed	5 doors

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.

4.4 Lead

Lead-based paint (LBP), 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 5,000 parts per million (ppm) by paint chip analysis.

Lead-containing paints (LCP) 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 work exposure during work 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.



The following painted surfaces were analyzed by paint chip and were determined to be coated with LBP:

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)				
			Cafeteria Building						
RF-PC- 13	I beam	Metal	Above ceiling	Green	18,000				
	H127 Building								
RF-PC- 26	Exterior windowsill	Wood	Windowsills	White	27,000				
			History Building						
PC-3	Circle air vents	Metal	Roof	White	9,000				
PC-7	Window frame	Wood	On interior wood window frames	White	9,100				
PC-15	Window frame	Wood	All exterior wood window frames	Beige	43,000				

Prior Alta Environmental Limited Asbestos and Lead Survey Report (dated February 15, 2018) reported the following painted surfaces were analyzed by paint chip and were determined to be coated with LBP:

			South Gym		
PC-67	Beam wall	Metal	Interior structural beams, columns, truss	Green	27,000

The following painted surfaces identified using a portable XRF spectrum analyzer and were determined to be coated with LBP:

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm²/ PPM)
22	XRF	Locker	History,	Blue/Intact	Metal	0.8
25	XRF	Window Sash	History	White/intact	Wood	1.6



Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm²/ PPM)
27	XRF	Ext. Window	History	Tan/intact	Wood	4.4
28	XRF	Ext. Window Sash	History	Tan/intact	Wood	1.6
35	XRF	Water Fountain	South Gym	White/intact	Porcelain	8.4
41	XRF	Tile	Pool Marker	Blue/Intact	Ceramic	0.8

Prior ATC Associates Inc., Hazardous Materials Survey Report (dated July 1, 2009) reported the following LBP using a portable XRF spectrum analyzer.

Summary of LBP:

Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm²/ PPM)
442,446, 450,457, 491,498, 516,533, 537,541, 552,555, 559,568, 571,574, 580, 584	XRF	Window casing	History, Floor 1/H106, H114, H116, H120, H103, H125, Floor 2/H203, H209, H213, H215, H216, H214, H212, H210, H208, H206	White/intact	Wood	2.0, 1.7, 3.4,1.5, 3.3, 1.3, 1.6, 1.3, 3.3, 1.0, 3.1, 5.3, 3.9, 4.2, 1.3, 6.2, 2.4, 2.0
452	XRF	Wall	History, Floor 1/H116	White/intact	Plaster	3.7
511	XRF	Floor	History, Floor 1/H111	White/intact	Ceramic	1.8
577	XRF	Wall	History, Floor 2/H206	White/intact	Drywall	3.4,
601	XRF	Wall	History, Basement /H023	Green/intact	Concrete	0.9



Sample #	Sampling method	Structure	Material Location	Paint Color & Condition	Substrate	Lead (mg/cm²/ PPM)
1001	XRF	Floor Drain	Cafeteria/Floor 1/ C120 Kitchen	White	Porcelain	>9.9
1049	XRF	Sink	South Gym/Floor 1/SG120	White	Porcelain	9.7
1058	XRF	Door Frame	South Gym/ West Hallway	Blue	Metal	1.3
1059	XRF	Bulletin Board	South Gym/ West Hallway	White	Wood	1.2
1107, 1112, 1113	XRF	Door Frame	South Gym/ Floor 2/ SG205, SG206, SG206A	White	Metal	1.0, 1.0, 1.0

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.

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)
			Cafeteria Building		
RF-PC-1	Air vent	Metal	Roof vents/ HVAC units	Off-white	1,800
RF-PC-2	Conduit	Metal	Throughout roof	Off-white	100
RF-PC-3	Exterior wall	Stucco	Exterior walls in sections	Off-white	580
RF-PC-6	Support beam	Metal	Arcade support beams	Blue	350
RF-PC-7	Exterior wall	Stucco	Exterior walls in sections	Off-white	500



Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)
RF-PC- 10	Window frame	Wood	West wind bay of student dining	Off-white	1,700
RF-PC- 11	Bulletin board	Metal	Northeast of building	Blue	68
RF-CP- 12	Bulletin Board	Wood	Northeast of building	Blue	2,000
		Gyr	m/South Drake Pool Building		
RF-PC- 14	Conduit	Metal	Piping above ceiling	Off-white	1,300
RF-PC- 16	Cement wall	Concrete	Drake pool exterior	Off-white	950
RF-PC- 19	Exterior walls	Concrete	Drake pool exterior walls	Off-white	110
RF-PC- 20	Interior walls	Concrete	Interior perimeter walls south gym	Off-white	120
RF-PC- 21	Door	Metal	Doors interior gym	Blue	48
RF-PC- 22	Interior wall	Concrete	Interior paint drake pool	Off-white	500
			H127 Building		
RF-PC- 23	Flashing	Metal	Roof	White	110
RF-PC- 25	Wall	Drywall	Throughout building interior walls	White	56
RF-PC- 28	Door	Metal	HVAC closet door	Cream	49
RF-PC- 29	Wall	Drywall	Throughout interior of building	Off-white	50
			History Building		
PC-1	Ceiling	Plaster	David bowie kiln room	Green	790
PC-2	Flashing	Metal	Roof	White	110



Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)
PC-4	Door frame	Metal	H117A	Yellow	150
PC-5	Window frame	Metal	Exterior metal windows	Beige	690
PC-6	Door frame	Metal	All classroom metal doors	White	920
PC-8	Wall	Stucco	Exterior walls	Beige	100
PC-9	Metal case	Metal	All fire extinguisher cases	Red	4,000
PC-10	Door frame	Metal	Interior metal doors	Light blue	130
PC-11	Door	Metal	All exterior door	Dark blue	110
PC-12	Door frame	Wood	Hallway entrances	Light blue	93
PC-13	Window frame	Metal	All interior metal windows	White	950
PC-14	Plaster wall	Plaster	Room H117A	Yellow	130
PC-16	Handrail	Metal	All handrails on stairways	Dark blue	4,300
PC-17	Lockers	Metal	2nd floor hallway	Beige	2,700

Prior ATC Associates Inc., Hazardous Materials Survey Report (dated July 1, 2009) reported the following painted surfaces were analyzed by paint chip and were determined to be coated with LCP:

South Gym Building

025	Door Frame	Metal	RoomSG205	White	1,715
History Building					
011	Window Sill	Metal	Room H119	White	428
013	Window Casing	Metal	Room 215	White	1,917
014	Wall	Concrete	Room B023	Green	1,024



015 Wall Concrete Basement Hall White 1,079

Summary of Loose and Flaking Paint:

Cafeteria Building

Roof vents/ HVAC units on roof approximately 50 square feet,

Conduit on roof approximately 200 linear feet,

Window frames (wood) approximately 50 square feet.

South Gym & Drake Pool Building

Exterior of both South Gym and Pool approximately 800 square feet,

South Gym (Basketball court) interior paint approximately 400 square feet.

Building H-127

Flashing Roof on roof approximately 30 linear feet,

Window frames approximately 50 linear feet,

Exterior stucco walls approximately 25 SF

Interior walls approximately 5 SF

History Building

Plaster Ceiling David Bowie Kiln Room approximately 30 square feet,

Plaster Wall Room H117A approximately 10 square feet,

5 CONCLUSIONS AND RECOMMENDATIONS

Alta survey and sampling were limited to: Cafeteria, Gym/South Drake Pool, H127, and History Buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected. The scope of work was limited to asbestos-containing material and lead in paint.

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

5.1 Asbestos

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

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

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000 point count analysis have been incorporated in this report.

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

Damaged asbestos materials should be removed, repaired, encapsulated or enclosed. The USEPA (locally enforced by South Coast Air Quality Management District (SCAQMD) requires that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The USEPA recommends that a proactive, in-place management program be put in place whenever asbestos is discovered in a building. Asbestos materials that are not damaged may be managed in place with a good operations and maintenance (O&M) program.

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

5.2 Lead

5.2.1 Lead-based paint

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

Impacts to LBP when disturbed for construction purposes are subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc. Impacts to LBP may also be subject to California Department of Public Health requirements if results of worker exposure monitoring exceed the Cal/OSHA permissible exposure limit.

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

Abatement (e.g., stabilization) is recommended for damaged LBP, or if the condition of the materials noted as being in good condition should change. According to Federal regulations and guidelines, LBP abatement



is the permanent (defined as designed to last at least 20 years or, in case of encapsulation, a 20-year product warranty) elimination of LBP hazards through replacement, enclosure, encapsulation, paint removal and cleaning to remove lead-contaminated dust.

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

5.2.2 Lead-containing Paints

Lead-containing paints have been identified at the Site. Refer to Appendix G in this report for a summary of LCP and the prior reports in the Appendices.

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.

6 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 NV5 / 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, NV5 / 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.

NV5 / 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. NV5 / 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.

7 SIGNATORY

Respectfully submitted by:

Reviewed by:

NV5 / Alta Environmental

NV5 / Alta Environmental

James C Byers Ja

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Appendix A
Field Bulk Sample List: Asbestos

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Built up roof core	CB-1	None detected	Southwest corner	Cafeteria roof -	<16000 SF	Yes	No
Built up roof core	CB-2	None detected	Center	throughout			
Built up roof core	CB-3	None detected	Northwest corner				
Gray sealant	CB-4	0.29% chrysotile	Northwest top flashing	Upper and lower flashing	<1000 LF	No	No
		*by 1000 ptct		and ducting HVAC			
Gray sealant	CB-5	None detected	Northeast lower flashing				
Gray sealant	CB-6	None detected	30' north of southwest				
			corner flashing				
Black roof mastic	CB-7	None detected	Southwest, top of parapet	Top of parapet wall and a	300 SF	No	No
			wall	couple patched areas on			
Black roof mastic	CB-8	None detected	Northwest top of parapet	roof			
Black roof mastic	CB-9	None detected	West center, top of parapet				
			wall				
12"x12" cement brick	CB-10	None detected	Northeast, roof corner wall	Perimeter walls of	<5000 SF	No	No
wall				cafeteria building			
12"x12" cement brick	CB-11	None detected	Northwest, roof corner wall				
12"x12" cement brick	CB-12	None detected	Southwest, roof corner wall]			
wall							

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Mortar, assocaited with	CB-13	None detected	Northeast, roof corner wall	Perimeter walls of	<5000 SF	No	No
12" cement brick				cafeteria building			
Mortar, assocaited with	CB-14	None detected	Northwest, roof corner wall	1			
12" cement brick							
Mortar, assocaited with	CB-15	None detected	Southwest, roof corner wall				
12" cement brick							
Black duct sealant	CB-16	None detected	North unit, north ducting	Duct sealant on 2 units	60 LF	No	No
Black duct sealant	CB-17	None detected	North unit, south ducting	that run north/south towards center roof on			
Black duct sealant	CB-18	None detected	South unit, north ducting	ducting			
Vibration reducer 3"	CB-19	None detected	North unit bottom	4 HVAC units on the roof	<70 LF	No	No
Vibration reducer 3"	CB-20	None detected	Center unit bottom	1			
Vibration reducer 3"	CB-21	None detected	South unit bottom				
Barrier paper (black)	CB-22	None detected	Southwest, parapet wall	Behind perimeter plaster	<6000 SF	No	No
Barrier paper (black)	CB-23	None detected	Southeast, far east parapet	walls			
			wall				
Barrier paper (black)	CB-24	None detected	Northeast, east parapet wall				
Exterior stucco wall	CB-25	<0.1% chrysotile *by 1000 ptct	Southwest, parapet wall	Perimeter walls, exterior rand roof parapet walls	<6000 SF	No	No
Exterior stucco wall	CB-26	None detected	East, southeast wall - roof	Tariu 1001 parapet walls			
Exterior staced wall	OB-20	None detected	parapet				
Exterior stucco wall	CB-27	None detected	East, northeast wall - roof	1			
			parapet				
Exterior stucco wall	CB-28	None detected	North, northeast wall- roof	1			
			parapet				
Exterior stucco wall	CB-29	None detected	Lower exterior wall, west				
			center				
Exterior stucco wall	CB-30	None detected	Southwest - kitchen door,				
			lower exterior wall	<u> </u>			
Exterior stucco wall	CB-31	None detected	Lower exterior wall east				
			center			<u> </u>	

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Exterior stucco ceiling	CB-32	None detected	Northwest of building ceiling	West side of building portico east side of	<1000 SF	No	No
Exterior stucco ceiling	CB-33	None detected	East center of building	building exit and south			
Exterior stucco ceiling	CB-34	None detected	South center near exit	-			
Window putty	CB-35	0.40% chrysotile *by 1000 ptct	North bay	West window bay of student dining	300 LF	No	No
Window putty	CB-36	0.58% chrysotile *by 1000 ptct	Center bay				
Window putty	CB-37	None detected	South bay				
Gray duct sealant	CB-38	None detected	Kitchen above ceiling south of hatch	Ceiling space throughout cafeteria building	800 SF	No	No
Gray duct sealant	CB-39	None detected	Kitchen above ceiling north of hatch	-			
Gray duct sealant	CB-40	None detected	Staff cafeteria, west restroom, above hatch				
4" tan cove base with mastic	CB-41	None detected	Front office, west center	Front office, cove base	<75 LF	No	No
4" tan cove base with mastic	CB-42	None detected	South center				
4" tan cove base with mastic	CB-43	None detected	North center				
Carpet glue	CB-44	None detected	Northeast corner	Front office, underneath	<150 SF	No	No
Carpet glue	CB-45	None detected	Southeast corner	carpet			
Carpet glue	CB-46	None detected	Southwest corner				

Note: Alta rep check above ceiling and had limited access. No visible suspect material

Assumed freezer insulation

Assumed mirror mastic in 5 restrooms (approx. 25 SF)

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
White sealant	GB-1	None detected	Northeast	Flashing on drake pool	300 SF	No	No
White sealant	GB-2	None detected	East	roof			
White sealant	GB-3	None detected	West center				
White and light gray	GB-4	None detected	North center	Large vent, north center	50 SF	No	No
sealant				drake pool roof			
White and light gray	GB-5	None detected	Southeast	1			
sealant							
White and light gray	GB-6	None detected	West center	1			
sealant							
Capsheet roof parapet	GB-7	None detected	northeast skylight, east	Parapet roof perimeter,	600 SF	No	No
			center	bottom of all units, side of			
Capsheet roof parapet	GB-8	None detected	East center ceiling fan, west	skylights			
Capsheet roof parapet	GB-9	None detected	Southwest parapet wall	1			
2'x4' walk pad roofing	GB-10	None detected	North center	Down the center of the	<300 SF	No	No
2'x4' walk pad roofing	GB-11	None detected	Center	drake pool roof north to			
2'x4' walk pad roofing	GB-12	None detected	South center	south			
Smooth plaster columns	GB-13	None detected	Southwest column, on	Support columns, interior	<1000 SF	No	No
			bleacher, northeast corner	of drake pool building			
Smooth plaster columns	GB-14	None detected	Southwest column,	1			
			northeast corner				
Smooth plaster columns	GB-15	None detected	Southeast column, on	1			
-			bleachers northwest corner				

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Oddar Cymrana Brake i	cor Bananig						
Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
4" round cement brick	GB-16	None detected	Southeast of pool	Interior of drake pool,	<1000 SF	No	No
with mastic				perimeter wall building			
4" round cement brick	GB-17	None detected	East center				
with mastic							
4" round cement brick	GB-18	None detected	Northwest of pool				
with mastic							
Red/pink non-skid	GB-19	None detected	Northeast of pool	Interior of drake pool	6,000 SF	No	Yes
flooring				building, flooring around			
Red/pink non-skid	GB-20	None detected	East center of pool	pool area			
flooring			·	·			
Red/pink non-skid	GB-21	None detected	Southeast of pool				
flooring			·				
Red/pink non-skid	GB-22	None detected	South center of pool				
flooring			·				
Red/pink non-skid	GB-23	None detected	Southwest of pool				
flooring			·				
Red/pink non-skid	GB-24	None detected	West center of pool				
flooring							
Red/pink non-skid	GB-25	None detected	North center of pool				
flooring turquoise epoxy							
flooring							
Turquoise epoxy	GB-26	None detected	Boy's locker room northwest	South gym flooring, in	4,000 SF	No	No
flooring				both locker rooms			
Turquoise epoxy	GB-27	None detected	Northeast boy's locker room				
flooring							
Turquoise epoxy	GB-28	None detected	Southeast girl's locker room				
flooring							
Turquoise epoxy	GB-29	None detected	North center girl's locker				
flooring			room				
Turquoise epoxy	GB-30	None detected	Southwest girl's locker room				
flooring							

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
12"x12" blue floor tile	GB-31	None detected - blue Tile	Southwest corner of hallway	Storage room and	280 SF	No	No
with black mastic on		None detected - mastic	area	hallway west of elevator			
12"x12" gray floor tile		layer 1		vestibule			
		8% chrysotile - gray tile					
		None detected - mastic					
		layer 2					
12"x12" blue floor tile	GB-32	None detected - blue Tile	Center of storage 201				
with black mastic on		None detected - mastic					
12"x12" gray floor tile		layer 1					
		8% chrysotile - gray tile					
		None detected - mastic					
		layer 2					
12"x12" blue floor tile	GB-33	None detected - blue Tile	Northeast storage hallway,				
with black mastic on		None detected - mastic	northeast				
12"x12" gray floor tile		layer 1					
		8% chrysotile - gray tile					
		None detected - mastic					
		layer 2					
12" blue floor tile with	GB-34	None detected	Room 206 center	Room 205A, 200A, 200A	5,000 SF	No	No
black mastic				hallway, 2nd floor			
12" blue floor tile with	GB-35	None detected	Room 205A south center	hallways, SG12, SG15,			
black mastic				SG14 and 1st floor			
12" blue floor tile with	GB-36	None detected	Elevator vestibule northeast	vestibules			
black mastic							
4" cove base with white	GB-37	None detected	SG206 west center	All rooms throughout gym	<5000 LF	No	No
mastic				except restrooms south			
4" cove base with white	GB-38	None detected	Northeast storage 2nd floor	gym			
mastic							
4" cove base with white	GB-39	None detected	East vestibule 1st floor				
mastic							
Carpet glue and	GB-40	None detected	South center	South gym room SG206	600 SF	No	No
residual brown mastic							
Carpet glue and	GB-41	None detected	West center				
residual brown mastic							
Carpet glue and	GB-42	None detected	North center				
residual brown mastic							
Black HVAC gasket with	GB-43	None detected	Southwest of access hatch	HVAC in ceiling	500 LF	No	No
glue				space/attic above second			
Black HVAC gasket with	GB-44	None detected	Northwest of access hatch	floor, access near			
glue				restroom			

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Black HVAC gasket with	GB-45	None detected	East of access hatch				
glue							

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym and Drake Pool Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
HVAC duct insulation	GB-46	None detected	Southwest of access hatch	Above ceiling/attic space	4,000 SF	No	No
with mastic				second floor, access near			
HVAC duct insulation	GB-47	None detected	Southwest of access hatch	restroom			
with mastic							
HVAC duct insulation	GB-48	None detected	Southwest of access hatch	1			
with mastic							
Vibration reducer	GB-49	None detected	Southwest of hatch	HVAC units throughout	200 SF	No	No
Vibration reducer	GB-50	None detected	South of hatch	attic space 2nd floor			
Vibration reducer	GB-51	None detected	Southeast of hatch	access near restroom			
Press/fiber board with	GB-52	None detected	North	Sections of west wall,	800 SF	No	No
straight pin holes				dance studio			
Press/fiber board with	GB-53	None detected	Center	1			
straight pin holes							
Press/fiber board with	GB-54	None detected	South	1			
straight pin holes							
Wood core floor	GB-55	None detected	Northwest	Dance studio, south gym,	1,000 SF	No	No
Wood core floor	GB-56	None detected	Northeast	second floor			
Wood core floor	GB-57	None detected	South center	1			

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H-127 Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Capsheet roof core	H1-1	None detected	West center	Outer portion of roof on H-	300 SF	No	No
Capsheet roof core	H1-2	None detected	North center	127			
Capsheet roof core	H1-3	None detected	East center				
Roof shingles	H1-4	None detected	Southwest	Center portion of roof on	600 SF	No	No
Roof shingles	H1-5	None detected	North center	H-127			
Roof shingles	H1-6	None detected	Southeast				
White sealant	H1-7	None detected	Northwest corner	Top of parapet on	50 SF	No	No
White sealant	H1-8	None detected	Northeast corner	flashing H-127			
White sealant	H1-9	None detected	East center				
Window putty	H1-10	None detected	Northwest window	All windows on exterior of	400 LF	No	No
Window putty	H1-11	None detected	Northeast window	H-127			
Window putty	H1-12	None detected	Southeast window				

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H-127 Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Exterior stucco wall	H1-13	None detected	Northwest corner	Perimeter walls of H-127	3,000 SF	No	No
Exterior stucco wall	H1-14	None detected	Northeast corner				
Exterior stucco wall	H1-15	None detected	Southeast corner				
Exterior stucco wall	H1-16	None detected	South center				
Exterior stucco wall	H1-17	None detected	Southwest corner				
Barrier paper behind	H1-18	None detected	Northwest corner	Behind exterior walls	3,000 SF	No	No
exterior stucco							
Barrier paper behind	H1-19	None detected	Northeast corner				
exterior stucco							
Barrier paper behind	H1-20	None detected	Southeast corner				
exterior stucco							
4" black cove base with	H1-21	None detected	South wall, west of door	Throughout building,	200 LF	No	No
tan mastic				class, hall, kitchen, and			
4" black cove base with	H1-22	None detected	North center wall	restroom			
tan mastic							
4" black cove base with	H1-23	None detected	Southeast wall				
tan mastic							
2'x4' fissured ceiling tile	H1-24	None detected	Center of hall	Kitchen, class, and hall	1,100 SF	No	No
2'x4' fissured ceiling tile	H1-25	None detected	Southeast of class				
2'x4' fissured ceiling tile	H1-26	None detected	South center of hall	-			
Gray duct sealant	H1-27	None detected	North	HVAC closet, on unit	<60 SF	Yes	No
Gray duct sealant	H1-28	None detected	Center of hall				
Gray duct sealant	H1-29	None detected	South				
12"x12" blue floor tile	H1-30	None detected	Southwest hall	Class and hall	<1000 SF	No	No
with glue							
12"x12" blue floor tile	H1-31	None detected	North center class				
with glue							
12"x12" blue floor tile	H1-32	None detected	Southeast class				
with glue							

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H-127 Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Wood floor with barrier	H1-33	None detected	Southeast of building/class	Throughout building	<1200 SF	No	No
paper							
Wood floor with barrier	H1-34	None detected	South center of hall near				
paper			door				
Wood floor with barrier	H1-35	None detected	North center of class				
paper							
12"x12" white floor tile	H1-36	None detected	Southeast corner	Kitchen floor	140 SF	No	No
with glue							
12"x12" white floor tile	H1-37	None detected	North of entry door				
with glue							
12"x12" white floor tile	H1-38	None detected	North center				
with glue							

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Wood core with brown	HB-01	None detected	Room H209, east center	All rooms 1st and 2nd	28,750 SF	No	No
barrier paper				floor except for restrooms			
Wood core with brown	HB-02	None detected	Room H213, east center	and hallways			
barrier paper							
Wood core with brown	HB-03	None detected	Room H116, south vent				
barrier paper							
Wood core with brown	HB-04	None detected	Room H102, north center	1			
barrier paper							
Black mastic under floor	HB-05	None detected	Room H201, northeast	H200, H201, H204, H207,	5,200 SF	No	No
tile			corner	H208, H209, H210, H213,			
Black mastic under floor	HB-06	None detected	Room H209, north center	H216			
tile							
Black mastic under floor	HB-07	None detected	Room H204, west center	1			
tile							
Exterior vent caulking	HB-08	None detected	Exterior, northwest	All exterior vents (80	560 LF	No	No
Exterior vent caulking	HB-09	None detected	Exterior south vent	vents)			
Exterior vent caulking	HB-10	None detected	Exterior, west vent				
Exterior non-skid	HB-11	None detected	West stairway, west	Exterior west stairway	1,200 SF	No	No
flooring							
Exterior non-skid	HB-12	None detected	West stairway, north	1			
flooring							
Exterior non-skid	HB-13	None detected	West stairway, south]			
flooring							

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
HVAC duct sealant	HB-14	None detected	Basement hallway	All ducts throughout	800 SF	No	No
HVAC duct sealant	HB-15	None detected	Kiln room	buildings			
HVAC duct sealant	HB-16	None detected	Crawlspace, H015 storage	1			
Shed roofing	HB-17	None detected	Shed, west center	Exterior shed outside	12 SF	No	No
Shed roofing	HB-18	None detected	Shed, east center	room H125			
Shed roofing	HB-19	None detected	shed, north center	1			
Exterior window	HB-20	None detected	Room H101 window	All exterior windows	600 LF	No	No
caulking							
Exterior window	HB-21	None detected	Rom H122 window	1			
caulking							
Exterior window	HB-22	None detected	Room H100 window	1			
caulking							
Kiln plaster rough	HB-23	None detected	Kiln, north center	David bowie kiln room on	30 SF	No	No
Kiln plaster rough	HB-24	None detected	Kiln, west center	top of kiln			
Kiln plaster rough	HB-25	None detected	Kiln, east center]			
Kiln brick	HB-26	None detected	Kiln, north center	David bowie kiln room on	40 SF	No	No
Kiln brick	HB-27	None detected	Kiln, east center	top of kiln			
Kiln brick	HB-28	None detected	Kiln, west center	1 '			
Kiln insulation	HB-29	None detected	Kiln, north center	David bowie kiln room on	50 SF	Yes	No
Kiln insulation	HB-30	None detected	Kiln, south center	top of kiln			
Kiln insulation	HB-31	None detected	Kiln, west center	1 · · · · ·			
Shed caulking	HB-32	None detected	Shed, northwest corner	Exterior shed outside	60 LF	No	No
Shed caulking	HB-33	None detected	Shed, north center	room H125			
Shed caulking	HB-34	None detected	Shed, northeast corner	1			
Dark blue floor tile with	HB-35	None detected	1st floor hall, north end	H119, H121, H122, 1st	9,600 SF	No	No
adhesive			·	floor hallway, 2nd floor			
Dark blue floor tile with	HB-36	None detected	2nd floor hall, south end	hallway			
adhesive							
Dark blue floor tile with	HB-37	None detected	H122, northwest corner	1			
adhesive							
Black and yellow	HB-38	None detected	Room H217, west wall	All wallboard throughout	1,750 SF	No	No
wallboard mastic				buildings (175 wall			
Black and yellow	HB-39	None detected	Room H102, southwest	boards)			
wallboard mastic				_			
Black and yellow	HB-40	None detected	Room H204, north wall]			
wallboard mastic							
Roof sealant	HB-41	None detected	Roof, north center	Roof	350 SF	No	No
Roof sealant	HB-42	None detected	Roof, west center]			
Roof sealant	HB-43	None detected	Roof, east center			1	I

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Fire door	N/A	Assumed	N/A	Basement storage, H015	5 Doors	No	No
				storage		INO	INO

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Appendix B

Laboratory Analytical Report: Asbestos



Report Number 2039498

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-001 CB-1A	Built Up Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	5% 5% 50% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:		l %Asbestos:	No Asbestos Detected
2039498-002 CB-1B	Built Up Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Synthetic Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	10% 10% <1 60% 20%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039498-003 CB-1C	Built Up Roof Core - Insulation, Beige, Non-homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039498-004 CB-2A	Built Up Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	5% 5% 50% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039498-005 CB-2B	Built Up Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	10% 10% <1 60%	None Detected	
	Asbestos Present: No	Tota	Other Non-Fibrous Material		l %Asbestos:	No Asbestos Detected

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Report Number 2039498

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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 %	-	(%)	Asbestos Type	(%)			
2039498-006 CB-2C	Built Up Roof Core - Insulation, Beige, Non-homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected			
2039498-007 CB-3A	Built Up Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	5% 5% 50% 40%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected			
2039498-008 CB-3B	Built Up Roof Core - Layered Felt/Tar, White, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Cellulose Fiber Bituminous Matrix/Filler Other Non-Fibrous Material	10% 5% 5% 60% 20%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected			
2039498-009 CB-3C	Built Up Roof Core - Insulation, Beige, Non-homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected			
2039498-010 CB-4	Sealant, Silver/Black/White/Gray, Non-homogeneous Note: Metallic coating contains chrysotile.	LAYER 1 100%	Synthetic Fiber Bituminous Matrix Metallic Coating Adhesive Binders/Filler	<1% 5% 2% 93%	Chrysotile	<1%			
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	100.0%	Total %Asbestos:	<1%			
2039498-011 CB-5	Sealant, White/Gray, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected			

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Report Number 2039498

Attn.: Greg Archung

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Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-012						
CB-6	Sealant, White/Gray, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
2039498-013						
CB-7	Roof Mastic, Silver/Black/White, Nomogeneous	lon- LAYER 1 100%	Fibrous Glass Bituminous Matrix/filler Other Non-Fibrous Material	10% 55% 35%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
2039498-014						
CB-8			Fibrous Glass	10%	None Detected	
	homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	55% 35%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
2039498-015						
CB-9		1011	Fibrous Glass	5%	None Detected	
	homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	65% 30%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
2039498-016						
CB-10	LAYER 1		Fibrous Glass	20%	None Detected	
	12"x12" Cement Brick (Wall) - Coating, White/Silver/Black, Non-	10%	Bituminous Matrix/Filler Metallic Paint	45% 10%		
	homogeneous		Other Non-Fibrous Material			
	LAYER 2	LAYER 2			None Detected	
	Brick, Brown, Homogeneous	90%	Quartz Other Non-Fibrous Mineral Binders/Filler	40% 60%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected

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04/08/2020

04/13/2020

04/14/2020

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039498

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Sampled 03/30/2020
Sampled By Randolph Flores

Total Samples 55

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

		Test I	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
2039498-017						
CB-11	LAYER 1	LAYER 1	Fibrous Glass	20%	None Detected	
	12"x12" Cement Brick (Wall) -	10%	Bituminous Matrix/Filler	45%		
	Coating, White/Silver/Black, Non-homogeneous		Metallic Paint Other Non-Fibrous Material	10% 25%		
	LAYER 2	LAYER 2			None Detected	
	Brick, Brown, Homogeneous	90%	Quartz	40%		
			Other Non-Fibrous Mineral Binders/Filler	60%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039498-018						
CB-12	LAYER 1	LAYER 1	Fibrous Glass	20%	None Detected	
	12"x12" Cement Brick (Wall) -	10%	Bituminous Matrix/Filler Metallic Paint	45% 10%		
	Coating, White/Silver/Black, Non- homogeneous		Other Non-Fibrous Material			
	LAYER 2	LAYER 2			None Detected	
	Brick, Brown, Homogeneous	90%	Quartz	40%		
			Other Non-Fibrous Mineral Binders/Filler	60%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039498-019						
CB-13	LAYER 1	LAYER 1		20%	None Detected	
	Mortar Associated with Cement Brick -	10%	Bituminous Matrix/Filler Metallic Paint	45% 10%		
	Coating, White/Silver/Black, Non- homogeneous		Other Non-Fibrous Material			
	LAYER 2	LAYER 2			None Detected	
	Mortar, Gray, Homogeneous	90%	Quartz Other Non-Fibrous Mineral Binders/Filler	50% 50%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

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Report Number 2039498

Attn.: Greg Archung

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

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-020						
CB-14	LAYER 1 Mortar Associated with Cement Brick - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint Other Non-Fibrous Material	20% 45% 10% 25%	None Detected	
	LAYER 2 Mortar, Gray, Homogeneous	LAYER 2 90%	Quartz Other Non-Fibrous Mineral Binders/Filler	50% 50%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039498-021 CB-15	LAYER 1 Mortar Associated with Cement Brick - Coating, White/Silver/Black, Non- homogeneous	LAYER 1 10%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint Other Non-Fibrous Material	20% 45% 10% 25%	None Detected	
	LAYER 2 Mortar, Gray, Homogeneous	LAYER 2 90%	Quartz Other Non-Fibrous Mineral Binders/Filler	50% 50%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039498-022 CB-16	Duct Sealant, Brown/Black, Non- homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039498-023 CB-17	Duct Sealant, Brown/Black, Non- homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039498-024 CB-18	Duct Sealant, Brown/Black, Non- homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

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Report Number 2039498

Attn.: Greg Archung

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Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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	(%)			
2039498-025									
CB-19	3" Vibration Reducer, Black, Homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	15% 85%	None Detected				
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	otal %Asbestos:	No Asbestos Detected			
2039498-026									
CB-20	3" Vibration Reducer, Black/White, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	20% 80%	None Detected				
	Asbestos Present: No	Tota	Il % Non-Asbestos:	100.0% To	otal %Asbestos:	No Asbestos Detected			
2039498-027									
CB-21	3" Vibration Reducer, Black, Homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	15% 85%	None Detected				
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	otal %Asbestos:	No Asbestos Detected			
2039498-028									
CB-22	Barrier Paper, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	80% 20%	None Detected				
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	otal %Asbestos:	No Asbestos Detected			
2039498-029									
CB-23	Barrier Paper, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	80% 20%	None Detected				
	Asbestos Present: No	Tota	Il % Non-Asbestos:	100.0% To	otal %Asbestos:	No Asbestos Detected			
2039498-030									
CB-24	Barrier Paper, Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	80% 20%	None Detected				
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	otal %Asbestos:	No Asbestos Detected			
2039498-031									
CB-25	Exterior Stucco Wall, Cream/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz	25% 45%	Chrysotile	<1%			
			Other Non-Fibrous Material	30%					
	Asbestos Present: Yes	Tota	ıl % Non-Asbestos:	100.0% To	otal %Asbestos:	<1%			

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Report Number 2039498

Attn.: Greg Archung

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

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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 R	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %		(%)	Asbestos Type	(%)
2039498-032 CB-26	Exterior Stucco Wall, Beige/Gray, Non-homogeneous		Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% I 30%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To 1	tal %Asbestos:	No Asbestos Detected
2039498-033 CB-27	Exterior Stucco Wall, Beige/Gray, Non-homogeneous		Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% I 30%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To 1	tal %Asbestos:	No Asbestos Detected
2039498-034 CB-28	Exterior Stucco Wall, Beige/Gray, Non-homogeneous		Calcium Carbonate Quartz Other Non-Fibrous Materia	20% 50% I 30%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To 1	tal %Asbestos:	No Asbestos Detected
2039498-035 CB-29	Exterior Stucco Wall, Beige/Gray, Non-homogeneous		Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% I 30%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To t	tal %Asbestos:	No Asbestos Detected
2039498-036 CB-30	Exterior Stucco Wall, Beige/Gray, Non-homogeneous		Calcium Carbonate Quartz Other Non-Fibrous Material	20% 50% I 30%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To t	tal %Asbestos:	No Asbestos Detected

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Report Number 2039498

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

 Date Received
 04/08/2020
 Date Sampled
 03/30/2020

 Date Analyzed
 04/13/2020
 Sampled By
 Randolph Flores

Date Reported 04/14/2020 Total Samples 55

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 R	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-037 CB-31	Exterior Stucco Wall, Beige/Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate	20%	None Detected	
	Non-homogeneous		Quartz Other Non-Fibrous Materia	50%		
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039498-038						
CB-32	Exterior Stucco Ceiling, Beige, Non-	LAYER 1	Calaium Carbanata	200/	None Detected	
	homogeneous		Calcium Carbonate Quartz	30% 45%		
			Other Non-Fibrous Materia			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039498-039						
CB-33	Exterior Stucco Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate	30%	None Detected	
	Homogeneous		Quartz Other Non-Fibrous Materia	45%		
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039498-040	5 O O	LAVED				
CB-34	Exterior Stucco Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate	30%	None Detected	
	nomogeneous		Quartz	45%		
			Other Non-Fibrous Materia	I 25%		
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039498-041						
CB-35	Window Putty, Beige, Non- homogeneous		Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
	Asbestos Present: Yes	Toto	I % Non-Asbestos:	100.0% -	otal %Asbestos:	<1%

PAGE: 8 of 11



Attn.: Greg Archung

Report Number 2039498

Alta Envirnonmental Project Number SMSD-19-9289
3777 Long Beach Blvd. Project Name SAMOHI
Long Beach CA 90807 Location Cafeteria Bldg.

Location PO Number

WO Number

 Date Received
 04/08/2020
 Date Sampled
 03/30/2020

 Date Analyzed
 04/13/2020
 Sampled By
 Randolph Flores

 Date Reported
 04/14/2020
 Total Samples
 55

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 R	eport_			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-042 CB-36	Window Putty, Beige, Non- homogeneous		Calcium Carbonate Binder/Filler	85% 15%	Chrysotile	<1%
	Asbestos Present: Yes	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	<1%
2039498-043 CB-37	Window Putty, White, Non- homogeneous		Calcium Carbonate Binder/Filler I % Non-Asbestos:	90% 10%	None Detected	No Asharda
	Asbestos Present: No	Tota	1 % Non-Aspesios:	100.0% 10	tal %Asbestos:	Detected
2039498-044 CB-38	Duct Sealant, Gray, Homogeneous		Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039498-045 CB-39	Duct Sealant, Gray, Homogeneous		Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0% Total %Asbestos:		No Asbestos Detected
2039498-046 CB-40	Duct Sealant, Gray, Homogeneous		Synthetic Fiber Adhesive Binders/Filler	2% 98%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039498-047 CB-41A	4" Cove Base, Tan, Homogeneous		Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

PAGE: 9 of 11

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773



Report Number 2039498

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Received04/08/2020Date Sampled03/30/2020Date Analyzed04/13/2020Sampled ByRandolph Flores

Date Reported 04/14/2020 Total Samples 55

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 I	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039498-048 CB-41B	Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
2039498-049 CB-42A	4" Cove Base, Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
2039498-050 CB-42B	Mastic, Yellow/Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
2039498-051 CB-43A	4" Cove Base, Tan, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder/ Filler	35% 65%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
2039498-052 CB-43B	Mastic, Brown/Yellow, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
2039498-053 CB-44	Carpet Glue, Yellow, Homogeneous	LAYER 1 100%	Synthetic Fiber Adhesive Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected

PAGE: 10 of 11



Alta Envirnonmental 3777 Long Beach Blvd. Long Beach CA 90807 Attn.: Greg Archung

Report Number 2039498

 Date Received
 04/08/2020

 Date Analyzed
 04/13/2020

 Date Reported
 04/14/2020

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Date Sampled 03/30/2020 Sampled By Randolph Flores

Total Samples 55

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	(%)	
2039498-054 CB-45	Carpet Glue, Yellow, Homogeneous	LAYER 1 Sv	ynthetic Fiber	<1%	None Detected		
CD-45	Carpet Glue, Tellow, Tiomogeneous	,	dhesive Binders/Filler	100%	None Detected		
	Asbestos Present: No	Total % Non-Asbestos:		100.0% Tot	al %Asbestos:	No Asbestos Detected	
2039498-055 CB-46	Carpet Glue, Yellow, Homogeneous		ynthetic Fiber dhesive Binders/Filler	2% 98%	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. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or 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 unless otherwise instructed.

CA-ELAP #2823

Analyst - Fred Chappelear

Approved Signatory Cristina E. Tabatt

TESTING UNVLAP Lab Code 500044-0

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

PAGE: 11 of 11



LB=

CHAIN OF CUSTODY

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

> Lab Forms Ver. 082411

		(Lab) Ord	ler No.	2039498					
	CUSTOMER INF	ORMATION		Turnaround Time	Shipped	l Du	Donos	t Send Via:	
Company				Same Day Fedex			Web		
Address	3777 Long Beach Boulevard		1 Day □	UPS		Email	-		
City/State/Zip			2 Day	USPS		Fax	100		
Contact	Greg archung		3 Day	Drop Off	W	Verbal			
Office Phone			5 Day	Drop Box		Mail	1		
Cell	562-936-8619		Weekend	Other		Pick up			
Fax			Special Instruction	s:		1 1400 4			
Email	Greg. Archi	ing QN1	15.COM						
		P	ROJECT	INFORMATION			-		
Project Name:	SAMONI			PO Number:					
Project Number:	SMSD-19-	9289		Work Order No.:					
Location:	Cafeferia Blo			Sampled By:		Randolph Flores			
		127							
PLM PCM		MOLD	750		LEAD	(Pb)	-		
PLM EPA 600/M4 PLM 400 Pt. Cour		NIOSH 740 NIOSH 740		Spore Trap		Air		TTLC	
PLM 1000 Pt. Cou		W/ TWA		Tape Lift Bulk Sample		Paint Wipe			
	(5.175)			Duk Gample	-	Soil			
SAMPLE ID SAMPLE TYPE		LOCATION		Date Start Time		Avg Volum			
		- /		Marie de la companya del companya de la companya del companya de la companya de l		Sampled Stop Time			(L)
LB- 1	Built up &	200f				3/30/20			
2									
3									
4	Gray Duc Seal	Transition of the second							
5									
Ь	4								
7	BLACK ROO.	C							
8									
9	1								
7 10	12'×12' Cem	ck (WA	u)			-			
Relinquished By:	Randy Fl	u		Received By:	mme	pna	m		
	8-20 1500			Date/Time:	4/8/	20	15:00		

Page ___ of ___

CHAIN OF CUSTODY

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



Company: Alta Environmental

Project Number: 5M5D-19-9289

Analysis:

TAT:

2039498 SAMOHI (Lab) Order No. Project Name: SAMPLE ID SAMPLE TYPE LOCATION Date Start Time Volume Sampled Stop Time Flow Rate 12×12 Cement Brizk (L) LB-11 12 Mortar Associated Weement Brick 13 14 15 BLACK Duct sealant 16 17 18 19 20 21 BLACK Barrier 22 23 24 Exterior Stucco 25 WALL 26 27 28 29 30 mmupun 4/8/20 15:0 Relinquished By: Received By: 4-8-20 15:00 Date/Time: 1500 Date/Time:

Ver. 082411

CHAIN OF CUSTODY

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



Company: Alta Environmental

Project Number: SMSP-19-9289

Analysis:

TAT:

(Lab) Order No. 2039498 Project Name: SAMOHI SAMPLE ID SAMPLE TYPE LOCATION Start Time Date Volume Sampled Stop Time Flow Rate (L) Exterior Stucco Exterior Stucco CB - 31 32 33 34 w: modow Putty
(tan) 35 36 37 Gray Duct Sealant 38 39 40 4" TAN Cove Base 41 W/MASTIC 42 43 CARPET GILUE 44 46 12 Relinquished By: 4/8/20 15:00 Received By: 4-8-20 1500 Date/Time: Date/Time:

Ver. 082411

Page _____ of ____



04/15/2020

04/17/2020

04/17/2020

Alta Envirnonmental

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039549

Toll: 888-207-2022 Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street

Signal Hill, CA 90755

Project Number SMSD-19-9289

SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

Project Name

Date Sampled 03/30/2020 Randolph Flores Sampled By

Total Samples

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

Test Report						
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039549-001						
CB-4	Sealant, Silver/Black/White/Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	40.06% 50.63% 9.02%	Chrysotile	0.29%
1000 pt. POINT C	OUNT					
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	99.7% To 1	tal %Asbestos:	0.29%
2039549-002						
CB-25	Exterior Stucco Wall, Cream/Gray, Non-homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	28.00% 7.40% 64.60%	Chrysotile	<0.1%
1000 pt. POINT C	OUNT					
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	100.0% Tot	tal %Asbestos:	<0.1%
2039549-003						
CB-35	Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	88.57% 9.05% 1.98%	Chrysotile	0.40%
1000 pt. POINT C	OUNT					
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	99.6% To 1	tal %Asbestos:	0.40%
2039549-004						
CB-36	Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Acid Soluble Material Organic/Volatile Material Non-Asbestos Residue	79.26% 13.71% 6.46%	Chrysotile	0.58%
1000 pt. POINT C	OUNT					
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	99.4% To t	tal %Asbestos:	0.58%

PAGE: 1 of 2



Alta Envirnonmental 3777 Long Beach Blvd. Long Beach CA 90807 Attn.: Greg Archung

Report Number 2039549

04/15/2020 **Date Received** 04/17/2020 **Date Analyzed Date Reported** 04/17/2020

Project Number SMSD-19-9289

Project Name SAMOHI

Location Cafeteria Bldg.

PO Number WO Number

03/30/2020 **Date Sampled** Randolph Flores Sampled By

Total Samples

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

Determination of Asbestos in Bulk Building Materials.

Test Report

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

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

Method Detection Limit: One tenth of one percent (0.1%). Asbestos content has been determined using the point count method. Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or 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 unless otherwise instructed. **CA-ELAP #2823**

NVLAP Lab Code 500044-0

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

PAGE: 2 of



03/30/2020

03/31/2020

Alta Envirnonmental

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

Date Sampled 03/25/2020 Sampled By Jorge Robles

Total Samples 62

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 Re	port			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-001 HB-01A	History Bldg Wood Core- Residual tar material, Black, Homogeneous	LAYER 1 100% Bi	ituminous Matrix	100%	None Detected	
	Asbestos Present: No	Total ^s	% Non-Asbestos:	ן 100.0%	Total %Asbestos:	No Asbestos Detected
2039392-002 HB-01B	History Bldg Wood Core- Top, Brown, Homogeneous	LAYER 1 W	/ood	100%	None Detected	
	Asbestos Present: No	Total 9	% Non-Asbestos:	ן 100.0%	Total %Asbestos:	No Asbestos Detected
2039392-003 HB-01C	History Bldg Wood Core- Barrier paper, Black, Homogeneous		ellulose Fiber ituminous Matrix	50% 50%	None Detected	
	Asbestos Present: No	Total ⁹	% Non-Asbestos:	ן 100.0%	Total %Asbestos:	No Asbestos Detected
2039392-004 HB-01D	History Bldg Wood Core- Middle, Brown, Homogeneous	LAYER 1 W	ood/	100%	None Detected	
	Asbestos Present: No	Total ^s	% Non-Asbestos:	ן 100.0%	Total %Asbestos:	No Asbestos Detected
2039392-005 HB-01E	History Bldg Wood Core- Bottom, Brown, Homogeneous	LAYER 1 W	ood/	100%	None Detected	
	Asbestos Present: No	Total 9	% Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039392-006 HB-02A	History Bldg Wood Core- Residual tar material, Black, Homogeneous	LAYER 1 100% Bi	ituminous Matrix	100%	None Detected	
	Asbestos Present: No	Total 9	% Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039392-007 HB-02B	History Bldg Wood Core- Top, Brown, Homogeneous	LAYER 1 W	/ood	100%	None Detected	
	Asbestos Present: No	Total ⁹	% Non-Asbestos:	ן 100.0%	Total %Asbestos:	No Asbestos Detected

PAGE: 1 of 11



Alta Envirnonmental

Attn.: Greg Archung

3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 2039392

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

 Date Received
 03/27/2020
 Date Sampled
 03/25/2020

 Date Analyzed
 03/30/2020
 Sampled By
 Jorge Robles

Date Reported 03/31/2020 Total Samples 62

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. Non-Asbest Layer % Component		(%)
2039392-008	History Bldg			
HB-02C	Wood Core- Barrier paper, Black, Homogeneous	LAYER 1 Cellulose Fiber 100% Bituminous Matrix	50% None Detected x 50%	
	Asbestos Present: No	Total % Non-Asbest	tos: 100.0% Total %Asbestos:	No Asbestos Detected
2039392-009	History Bldg			
HB-02D	Wood Core- Middle, Brown, Homogeneous	LAYER 1 Wood 100%	100% None Detected	
	Asbestos Present: No	Total % Non-Asbest	tos: 100.0% Total %Asbestos:	No Asbestos Detected
2039392-010	History Bldg			
HB-02E	Wood Core- Bottom, Brown, Homogeneous	LAYER 1 Wood 100%	100% None Detected	
	Asbestos Present: No	Total % Non-Asbest	tos: 100.0% Total %Asbestos:	No Asbestos Detected
2039392-011	History Bldg			
HB-03A	Wood Core- Top, Brown, Homogeneous	LAYER 1 Wood 100%	100% None Detected	
	Asbestos Present: No	Total % Non-Asbest	tos: 100.0% Total %Asbestos:	No Asbestos Detected
2039392-012	History Bldg			
HB-03B	Wood Core- Barrier Paper, Black, Homogeneous	LAYER 1 Cellulose Fiber 100% Bituminous Matrix	50% None Detected x 50%	
	Asbestos Present: No	Total % Non-Asbest	os: 100.0% Total %Asbestos:	No Asbestos Detected
2039392-013	History Bldg			
HB-03C	Wood Core- Bottom, Brown, Homogeneous	LAYER 1 Wood 100%	100% None Detected	
	Asbestos Present: No	Total % Non-Asbest	tos: 100.0% Total %Asbestos:	No Asbestos Detected
2039392-014	History Bldg			
HB-04A	Wood Core- Top, Brown, Homogeneous	LAYER 1 Wood 100% Bituminous Matrix	100% None Detected x <1%	
	Asbestos Present: No	Total % Non-Asbest	tos: 100.0% Total %Asbestos:	No Asbestos Detected

PAGE: 2 of 11



03/30/2020

03/31/2020

Alta Envirnonmental

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

Date Sampled 03/25/2020 Sampled By Jorge Robles

Total Samples 62

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-015	History Bldg	LAVED 4				
HB-04B	Wood Core- Leveling compound, Gray, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 60% 20%	None Detected	
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-016 HB-04C	History Bldg Wood Core- Bottom, Brown, Homogeneous	LAYER 1 100%	Wood	100%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-017 HB-04D	History Bldg Wood Core- Leveling compound, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-018 HB-05	History Bldg Mastic Under Floor Tile, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-019 HB-06	History Bldg Mastic Under Floor Tile, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-020 HB-07	History Bldg Mastic Under Floor Tile, Black/ Brown, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Other Binders	80% 20%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

PAGE: 3 of 11



3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 2039392

Attn.: Greg Archung

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

 Date Received
 03/27/2020
 Date Sampled
 03/25/2020

 Date Analyzed
 03/30/2020
 Sampled By
 Jorge Robles

Date Reported 03/31/2020 Total Samples 62

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-021 HB-08	History Bldg Exterior Vent Caulking, Beige, Non- homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-022 HB-09	History Bldg Exterior Vent Caulking, Beige, Non- homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-023 HB-10	History Bldg Exterior Vent Caulking, Beige, Non- homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-024 HB-11	History Bldg Exterior Non-Skid Flooring, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-025 HB-12	History Bldg Exterior Non-Skid Flooring, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-026 HB-13	History Bldg Exterior Non-Skid Flooring, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	5% 70% 25%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

PAGE: 4 of 11



03/30/2020

03/31/2020

Alta Envirnonmental

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

Date Sampled 03/25/2020 Sampled By Jorge Robles

Total Samples 62

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 %	•	(%)	Asbestos Type	(%)				
2039392-027 HB-14	History Bldg HVAC Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	No Asbestos Detected					
2039392-028 HB-15	History Bldg HVAC Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	No Asbestos Detected					
2039392-029 HB-16	History Bldg HVAC Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected				
2039392-030 HB-17	History Bldg Shed Roofing, Gray/Brown/Red, homogeneous	Non- LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 35% 55%	None Detected					
	Asbestos Present: No	Total % Non-Asbestos:		100.0% Total %Asbestos:		No Asbestos Detected				
2039392-031 HB-18	History Bldg Shed Roofing, Gray/Brown/Red, homogeneous	Non- LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 35% 55%	None Detected					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	No Asbestos Detected					
2039392-032 HB-19	History Bldg Shed Roofing, Gray/Brown/Red, homogeneous	Non- LAYER 1 100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 35% 55%	None Detected					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected				

PAGE: 5 of 11



03/30/2020

03/31/2020

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

Date Sampled 03/25/2020 Sampled By Jorge Robles

Total Samples 62

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 Re	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-033 HB-20	History Bldg Exterior Window Caulking, Beige, Non-homogeneous	LAYER 1 100% B	sinder/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039392-034 HB-21	History Bldg Exterior Window Caulking, Beige, Non-homogeneous	LAYER 1 100% B	Binder/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039392-035 HB-22	History Bldg Exterior Window Caulking, Beige, Non-homogeneous	LAYER 1 100% B	Binder/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039392-036 HB-23	History Bldg Kiln Rough Plaster, Tan, Non- homogeneous	Ċ	Quartz Calcium Carbonate Sinder/Filler	30% 25% 45%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039392-037 HB-24	History Bldg Kiln Rough Plaster, Tan, Non- homogeneous	Ċ	Quartz Calcium Carbonate Binder/Filler	30% 25% 45%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039392-038 HB-25	History Bldg Kiln Rough Plaster, Tan, Non- homogeneous	C	Quartz Calcium Carbonate binder/Filler	15% 40% 45%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected

PAGE: 6 of 11



03/30/2020

03/31/2020

Alta Envirnonmental

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI, History Bldg **Project Name**

Santa Monica Location

PO Number WO Number

Date Sampled 03/25/2020 Jorge Robles Sampled By

Total Samples 62

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos) Type	(%)
2039392-039 HB-26	History Bldg Kiln Brick, Beige, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No	Tota	ll % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039392-040 HB-27	History Bldg Kiln Brick, Beige, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No	Tota	ll % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039392-041 HB-28	History Bldg Kiln Brick, Beige, Homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present: No	Tota	ll % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039392-042 HB-29	History Bldg Kiln Insulation, White/ Black, Homogeneous	LAYER 1 100%	Mineral Wool Other Non-Fibrous Material	95% 5%	None Detected	
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected
2039392-043 HB-30	History Bldg Kiln Insulation, White/ Black, Homogeneous	LAYER 1 100%	Mineral Wool Other Non-Fibrous Material	10% 90%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0%	Total %Asbestos:	No Asbestos Detected
2039392-044 HB-31	History Bldg Kiln Insulation, White/ Black, Homogeneous	LAYER 1 100%	Mineral Wool Other Non-Fibrous Material	10% 90%	None Detected	
	Asbestos Present: No	Tota	ll % Non-Asbestos:	100.0%	Total %Asbestos:	No Asbestos Detected

PAGE: 7 of 11



Alta Envirnonmental

Attn.: Greg Archung

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

 Date Received
 03/27/2020
 Date Sampled
 03/25/2020

 Date Analyzed
 03/30/2020
 Sampled By
 Jorge Robles

Date Reported 03/31/2020 Total Samples 62

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-045 HB-32	History Bldg Shed Caulking, Beige/ Black, Non- homogeneous	LAYER 1 100%	Wollastonite Bituminous Matrix Binder/Filler	2% 68% 30%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-046 HB-33	History Bldg Shed Caulking, Beige/ Black, Non- homogeneous	LAYER 1 100%	Wollastonite Bituminous Matrix Binder/Filler	2% 68% 30%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-047 HB-34	History Bldg Shed Caulking, Beige/ Black, Non- homogeneous	LAYER 1 100%	Wollastonite Bituminous Matrix Binder/Filler	2% 68% 30%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-048 HB-35A	History Bldg Floor Tile, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-049 HB-35B	History Bldg Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-050 HB-36A	History Bldg Floor Tile, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

PAGE: 8 of 11



03/30/2020

03/31/2020

Alta Envirnonmental

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

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

Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

Date Sampled 03/25/2020
Sampled By Jorge Robles

Total Samples 62

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039392-051 HB-36B	History Bldg Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-052 HB-37A	History Bldg Floor Tile, Dk. Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-053 HB-37B	History Bldg Adhesive, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-054 HB-38A	History Bldg Wallboard Mastic, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-055 HB-38B	History Bldg Wallboard Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-056 HB-39A	History Bldg Wallboard Mastic, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

PAGE: 9 of 11



03/30/2020

03/31/2020

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039392

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI, History Bldg **Project Name**

Santa Monica Location

PO Number WO Number

Date Sampled 03/25/2020 Jorge Robles Sampled By

Total Samples 62

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
2039392-057 HB-39B	History Bldg Wallboard Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-058 HB-40A	History Bldg Wallboard Mastic, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-059 HB-40B	History Bldg Wallboard Mastic, Black, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-060 HB-41	History Bldg Roof Sealant, White/ Beige, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-061 HB-42	History Bldg Roof Sealant, Beige, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
2039392-062 HB-43	History Bldg Roof Sealant, White/ Beige, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0% To	tal %Asbestos:	No Asbestos Detected

PAGE: 10 of 11



Alta Envirnonmental 3777 Long Beach Blvd. Long Beach CA 90807 Attn.: Greg Archung

Report Number 2039392

03/27/2020 **Date Received** 03/30/2020 **Date Analyzed Date Reported** 03/31/2020

Project Number SMSD-19-9289

Project Name SAMOHI, History Bldg

Location Santa Monica

PO Number WO Number

03/25/2020 **Date Sampled** Sampled By Jorge Robles

Total Samples 62

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

Determination of Asbestos in Bulk Building Materials.

Test Report

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

Method Detection Limit: Less than one percent (<1%). Asbestos content has been determined using calibrated visual estimation (CVES). Samples tested were received in acceptable condition unless otherwise stated. Test report relates only to items tested. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or 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 unless otherwise instructed. **CA-ELAP #2823**

witma ETabatt Custma ETabatt

NVLAP Lab Code 500044-0

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

PAGE: 11 of 11



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

(Lab) Order No.PLM: 2039392 Pb: 2039393

	CUSTOMER INFORMATION	ON	Turnaround Time	Shippe	d Bv	Repo	rt Send Via	
Company	Alta Environmen	tal	Same Day □	Fedex		Web		
Address	3777 Long Beach Box	ulevard	1 Day	UPS				
City/State/Zip	Long Beach, CA 90		2 Day	USPS				
Contact			3 Day	Drop Off		Verbal		
Office Phone	Grey Archurg		5 Day	Drop Box				
Cell			Weekend	Other				
Fax			Special Instruction		ш	Pick up		
Email	greg arting@AUS	com	opoolal matraction	110.				
Decinal Name	(14-11)		INFORMATION					
Project Name:	SAMOHI, 141576	DRY Bley	PO Number:					
Project Number: Location:	SMSD-19-9287		Work Order No.:		-			
Location.	Santa Morica		Sampled By:		Jorge	Roble	5	
PLI	M	PCM	MOLD		- 0	LEAD	(Ph)	
PLM EPA 600/M4-	82-020 🖾 NIOSH 7		Spore Trap		Air		TTLC	
PLM 400 Pt. Count			Tape Lift		Paint	TO THE		
PLM 1000 Pt. Cour	nt (<0.1%)		Bulk Sample	e 🗆	Wipe			
SAMPLE ID	SAMPLE TYPE		LOCATION		Soil			
SAMIFLE ID	SAIVIPLE TIPE		LOCATION		Date	Start Time	Avg	Volume
40	wood core w/ brown	14:01			3/25/20	Stop Time	Flow Rate	(L)
HB-01	barrier paper	111313	y Bldg		140			
-02								
-03								
-04								
-05	Black Mastic floor							
-06								
-67	1 1				1			
-08	Exterior vent							
-69								
1-10	+	T			1			
	1- 12		15	1 14	_			
Relinquished By:	1 ge (==		Received By	What				

Lab Forms Ver. 082411

ENVIRONMENTAL LABORATORIES

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

Company:	Alta Environmental			Analysis:				
Project Number Project Name:	TAMOHI	89		TAT:	Order No.	PLM: 2039392	P6:2039	393
SAMPLE ID	SAMPLE TYPE		LOCATION		Date Sampled	Start Time Stop Time	Avg	Volume (L)
1+13-11	Exterior Non-Stad	Itistory	Bldg		3/25/20		Flow Rate	(L)
1-12								
-/3	4							
-14	HVAL DUCT Sealant							
-15								- 1
-16								
-17	Bhed rooting							
-18								
-19					HN.			
-20	Exterior window can/king							
-21								
-22								
-23	3 Kiln rough plaster							
-24	,							
-25						19		
-26	Kiln brick							
-27	7							
-28								
-29	Kiln insulation	7						
-30	1				1		1	
Relinquished By	: 180 ==		Received By:	187 ALM 3/2	1			
Date/Time:	03/27/20 12:0	10	Date/Time:	3/2	1/20, 1	2:40	Lob For	

ENVIRONMENTAL LABORATORIES

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

Company:	Alta Environmental		Analysis:						
Project Number:	SMSD-19-928	59	TAT:						
Project Name:	SAMOHI		(Lab) Order No.	(Lab) Order No. PLM: 2039392 Pb: 20393					
SAMPLE ID	SAMPLE TYPE	LOCATION		Start Time Avg	Volum				
HB-31	Kiln Insulation	History Blo			(-)				
- 32	Shed can / King	History Bld							
- 33									
-34	L								
-35	Dark Bine floor the								
-36									
-37	1								
-38	wallboard rallow/								
- 39			-14						
-40	1								
~41	Root sealant								
-4/2									
1-43	4								
PC-1	Paint Chip								
1-2									
-3									
-4									
-5									
-6			-						
1-7	7								
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ate/Time:	3/21/20 12:40		3/27/2	0, 12:40					

Page 3 of 4

Lab Forms Ver. 082411



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

Company: Project Number:	Alta Environmental SMSD-/9-9289 SHMOH)		Analysis:		2. M.	10.	
Project Name: SAMPLE ID	SAMPLE TYPE	1000700	(Lab) C		PLM: 203939:	2/ 203	-
	SAWI LL TIFE	LOCATION		Date Sampled	Start Time Stop Time	Avg Flow Rate	Volur (L)
PC-8	Paint Chip	Itistory Blog		3/25/20			
1-9				(
-10							
-11							
-12							
-13							
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ate/Time:	3/27/20 12:0	Date/Time:	1 3	27/20	, 12:40		

Ver. 082411

Page 4 of 4



Alta Environmental

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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	(%)	
1830167-001 0129-01A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected	
1830167-002 0129-01B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/filler	100%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected	
1830167-003 0129-02A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Mineral Wool Binder/Filler	85% 15%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected	
1830167-004 0129-02B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected	
1830167-005 0129-03	Barnum Hall Ceiling Tile Mastic, Yellow, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected	
1830167-006 0129-04	Barnum Hall Duct Sealant, Gray/Yellow, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected	

PAGE: 1 of 24



Alta Environmental

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

02/02/2018 01/29/2018 **Date Received Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

			Test F	Report			
Laboratory ID Sample No.	Sample Location Description		Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-007 0129-05	Barnum Hall Duct Sealant, Gray/Yellow, homogeneous	Non-	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-008 0129-06	Barnum Hall Duct Sealant, Gray/Yellow, homogeneous	Non-	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-009 0129-07	Barnum Hall Stucco, Yellow/White/Gray, homogeneous	Non-	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-010 0129-08	Barnum Hall Stucco, Yellow/White/Gray, homogeneous	Non-	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-011 0129-09	Barnum Hall Stucco, Yellow/White/Gray, homogeneous	Non-	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected

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

Alta Environmental Project Number SMSD-18-7472

3777 Long Beach Blvd. Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA

Attn.: Cesar Ruvalcaba PO Number Report Number 1830167 WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-012	Barnum Hall					
0129-10	Smooth Plaster Wall, Beige, Non- homogeneous	LAYER 1 100%	Jute Fiber Quartz Gypsum Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-013	Barnum Hall					
0129-11	Smooth Plaster Wall, White/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Calcium Carbonate Quartz Gypsum Other Non-Fibrous Material	<1% 10% 40% 35% 15%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-014	Barnum Hall					
0129-12	Rough Plaster Wall, Green/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-015	Barnum Hall					
0129-13	Rough Plaster Wall, Green/Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Calcium Carbonate Gypsum Quartz Perlite Other Non-Fibrous Material	<1% 15% 40% 25% 10%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-016	Barnum Hall					
0129-14A	Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	15% 85%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472 3777 Long Beach Blvd. Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA

Attn.: Cesar Ruvalcaba PO Number Report Number 1830167 WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-017	Barnum Hall					
0129-14B	Roof Core - Composition Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-018	Barnum Hall					
0129-14C	Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-019	Barnum Hall					_
0129-14D	Roof Core - Paper, Pink, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-020	Barnum Hall					
0129-15A	Roof Core - Membrane,	LAYER 1			None Detected	
	White/Black, Non-homogeneous	100%	Bituminous Material Other Non-Fibrous Material	15% 85%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-021	Barnum Hall					
0129-15B	Roof Core - Comp. Roofing (2	LAYER 1	Fibrous Glass	15%	None Detected	
	Layers), White/Black, Non- homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	65% 20%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-022	Barnum Hall					
0129-15C	Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

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 02/02/2018
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Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-023 0129-15D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-024 0129-16A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	10% 90%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-025 0129-16B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	15% 65% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-026 0129-16C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-027 0129-16D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-028 0129-17	Barnum Hall Penetration Mastic, White/Black/Silver, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Metallic Flashing Other Non-Fibrous Material	5% 45% 35% 15%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

02/02/2018 01/29/2018 **Date Received Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

	Test Report							
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)		
1830167-029 0129-18	Barnum Hall Penetration Mastic, White/Black,	LAYER 1	Cellulose Fiber	2%	None Detected			
	Non-homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	78% 20%				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-030	Barnum Hall							
0129-19	Penetration Mastic, White/Black,	LAYER 1	Cellulose Fiber	2%	None Detected			
	Non-homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	78% 20%				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-031	Barnum Hall							
0129-20	Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected			
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-032	Barnum Hall							
0129-21	Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-033	Barnum Hall							
0129-22	Patch Mastic, Black, Homogeneous	LAYER 1	Cellulose Fiber	8%	None Detected			
		100%	Bituminous Matrix/Filler	92%				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-034	Barnum Hall							
0129-23A	12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber	30% 30%	None Detected			
			Perlite Binder/Filler	35% 5%				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

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 02/02/2018
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Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-035 0129-23B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-036 0129-24A	Barnum Hall 12" Peghole Ceiling Tile, Beige, Homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite	30% 30% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-037 0129-24B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-038 0129-25A	Barnum Hall 12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite Binder/Filler	30% 30% 35% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-039 0129-25B	Barnum Hall Mastic, Brown, Homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-040	Barnum Hall					
0129-26	Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

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 02/02/2018
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 Jorge Robles

Date Reported 02/12/2018 Total Samples 12

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

Determination of A	Asbestos in Bulk	Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-041	Barnum Hall					
0129-27	Soft Fireproofing, Gray,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam	35%		
			Binder/Filler	60%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830167-042	Barnum Hall					
0129-28	Soft Fireproofing, Gray,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam Binder/Filler	35% 60%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830167-043	Barnum Hall					
0129-29	Soft Fireproofing, Gray/Green,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam Binder/Filler	30% 65%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830167-044	Barnum Hall					
0129-30	Soft Fireproofing, Gray/Green,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam Binder/Filler	30% 65%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830167-045	Barnum Hall					
0129-31	Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830167-046	Barnum Hall					
0129-32	Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected

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Alta Environmental

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

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 02/02/2018
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 Jorge Robles

Date Reported 02/12/2018 Total Samples 12

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-047 0129-33	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-048 0130-01	Language Bldg Drywall, White/Brown, Non- homogeneous Asbestos Present No	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler I % Non-Asbestos:	15% <1 85%	None Detected %Asbestos:	No Asbestos
	Addition Flooring No.	7010	11 70 14011 7 lobootoo.	- Total	/unobootoo.	Detected
1830167-049 0130-02	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-050 0130-03	Language Bldg HVAC Joint Compound, Gray, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-051 0130-04	Language Bldg HVAC Joint Compound, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-052 0130-05A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	35% 20% 40% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

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Project Number SMSD-18-7472

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Date Reported 02/12/2018 Total Samples 121

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.

<u> </u>		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
Campie No.	Beschiption	Layer /0	Components	(/0)	ı ype	(/0)
1830167-053	Language Bldg					
0130-05B	Glue, Brown, Non-homogeneous	LAYER 1	Fibrous Talc	5%	None Detected	
		100%	Adhesive Binders/Filler	95%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-054	Language Bldg					
0130-06A	12" Fissured Ceiling Tile, White,	LAYER 1	Cellulose Fiber	40%	None Detected	
	Non-homogeneous	100%	Mineral Wool	15%		
			Polystyrene Foam Binder/Filler	40% 5%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-055	Language Bldg					
0130-06B	Mastic, Brown, Non-homogeneous	LAYER 1	Fibrous Talc	5%	None Detected	
		100%	Adhesive Binders/Filler	95%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-056	Language Bldg					
0130-07A	12" Fissured Ceiling Tile, White,	LAYER 1	Cellulose Fiber	40%	None Detected	
	Non-homogeneous	100%	Mineral Wool	15%		
			Polystyrene Foam Binder/Filler	40% 5%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-057	Language Bldg					
0130-07B	Glue, Brown, Homogeneous	LAYER 1	Fibrous Talc	5%	None Detected	
	-	100%	Adhesive Binders/Filler	95%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-058	Language Bldg					
0130-08	Acoustical Plaster Ceiling, White,	LAYER 1			None Detected	
	Homogeneous	100%	Quartz	40%		
			Gypsum Other Non-Fibrous Material	40% 20%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

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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	(%)			
1830167-059 0130-09	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-060 0130-10	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-061 0130-11	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-062 0130-12	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-063 0130-13	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			

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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472 3777 Long Beach Blvd. Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA

Attn.: Cesar Ruvalcaba PO Number Report Number 1830167 WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 I	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-064 0130-14	Language Bldg Acoustical Plaster Ceiling, White Homogeneous	e, LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Mate	50% 35% erial 15%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-065 0130-15	Language Bldg Button Board, White/Brown, No homogeneous	100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-066 0130-16	Language Bldg Button Board, White/Brown, No homogeneous	on- LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-067 0130-17	Language Bldg Button Board, White/Brown, No homogeneous	on- LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-068 0130-18	Language Bldg Patch Mastic, Beige/Black, Nor homogeneous	n- LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Mate	5% <1 35% erial 60%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

02/02/2018 01/29/2018 **Date Received Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials.

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer I Layer ^c		(%)	Asbestos Type	(%)		
1830167-069 0130-19	Language Bldg Patch Mastic, Beige/Black, N homogeneous	lon- LAYER 100%	Wollastonite Bituminous Matrix	3% 2% 20%	None Detected			
	Asbestos Present No	To	Other Non-Fibrous Mate		l %Asbestos:	No Asbestos Detected		
1830167-070 0130-20	Language Bldg Patch Mastic, Beige/Black, N homogeneous	lon- LAYER 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Mate	3% 2% 20% erial 75%	None Detected			
	Asbestos Present No	To	otal % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
1830167-071 0130-21	Language Bldg Roof Mastic, Black, Non- homogeneous	LAYER 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected			
	Asbestos Present No	To	otal % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		
1830167-072 0130-22	Language Bldg Roof Mastic, Black, Non- homogeneous	LAYER 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected			
	Asbestos Present No	To	otal % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
1830167-073 0130-23	Language Bldg Roof Mastic, Black, Non- homogeneous	LAYER 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Mate	5% 50% erial 45%	None Detected			
	Asbestos Present No	To	otal % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
1830167-074 0130-24	Language Bldg 2x4 Fissured Ceiling Panel, Bo Homogeneous	eige, LAYER 100%	Cellulose Fiber Mineral Wool Perlite	30% 20% 50%	None Detected			
	Asbestos Present No	To	otal % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 12

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

Determination of Asbestos in Bulk Building Materials.

Test Report								
Laboratory ID	Sample Location	Layer No.	Non-Asbestos		Asbestos			
Sample No.	Description	Layer %	Components	(%)	Туре	(%)		
1830167-075	Language Bldg							
0130-25	2x4 Fissured Ceiling Panel, Beige,	LAYER 1	Cellulose Fiber	30%	None Detected			
	Homogeneous	100%	Mineral Wool	20%				
			Perlite	45%				
			Binder/Filler	5%				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-076	Language Bldg							
0130-26	2x4 Fissured Ceiling Panel,	LAYER 1	Cellulose Fiber	25%	None Detected			
	White/Beige, Homogeneous	10070	Mineral Wool	15%				
			Perlite Binder/Filler	50% 10%				
			DITIUEI/FIIIEI	1070				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-077	History Bldg							
0130-H1	LAYER 1	LAYER 1			None Detected			
	Smooth Plaster Walls - Skim Coat,	25%	Calcium Carbonate	10%				
	Blue/White, Non-homogeneous		Gypsum Quartz	45% 20%				
			Binder/Filler	25%				
	LAVEDO	LAYER 2			Nama Data ata d			
	LAYER 2 Base Coat, Beige, Homogeneous		Cynoum	45%	None Detected			
	base Coat, beige, Tromogeneous	7370	Gypsum Quartz	40%				
			Other Non-Fibrous Material					
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-078	History Bldg							
0130-H2	LAYER 1	LAYER 1			None Detected			
	Smooth Plaster Walls - Skim Coat,	20%	Calcium Carbonate	10%				
	Blue/White, Non-homogeneous		Gypsum	45%				
			Quartz Binder/Filler	20% 25%				
			5.1.301/1 IIIOI	2070				
	LAYER 2	LAYER 2			None Detected			
	Base Coat, Beige, Homogeneous	80%	Gypsum	45%				
			Quartz Other Non-Fibrous Material	40% 15%				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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	(%)			
1830167-079 0130-H3	History Bldg LAYER 1 Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%	None Detected				
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%	None Detected				
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-080 0130-H4	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected				
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-081 0130-H5	History Bldg Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected				
	Asbestos Present No	Tota	Il % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-082 0130-H6	History Bldg Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected				
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			

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Alta Environmental

3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-083 0130-H7	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830167-084 0130-H8	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830167-085 0130-H9	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, White, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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

Alta Environmental 3777 Long Beach Blvd. Long Beach CA 90807 Attn.: Cesar Ruvalcaba Report Number 1830167

02/02/2018 **Date Received** 02/12/2018

Date Analyzed Date Reported 02/12/2018

Method of Analysis

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/29/2018 **Date Sampled** Sampled By Jorge Robles

Total Samples

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	(%)			
1830167-086 0130-H10	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected				
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-087 0130-H11	History Bldg Rough Plaster Walls, White/Beige, Non-homogeneous	LAYER 1 100%	Gypsum Quartz Calcium Carbonate Other Non-Fibrous Material	45% 35% 10% 10%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-088 0130-H12	History Bldg Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 45% 35% 10%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-089 0130-H13	History Bldg Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 45% 35% 10%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

02/02/2018 **Date Sampled** 01/29/2018 **Date Received Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

			Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-090 0130-H14	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830167-091 0130-H15	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830167-092 0130-H16	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830167-093 0130-H17	History Bldg Window Putty, Beige, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	85% 15%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830167-094 0130-H18	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472 3777 Long Beach Blvd. Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA
Attn.: Cesar Ruvalcaba PO Number

Report Number 1830167 WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID	Sample Location	Layer No		(0/)	Asbestos	(0/)
Sample No.	Description	Layer %	Components	(%)	Туре	(%)
1830167-095 0130-H19	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-096 0130-H20	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-097 0130-H21	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-098 0130-H22	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1 <1% 50%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected
1830167-099 0130-H23	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1 <1% 50%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected

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Alta Environmental

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

02/02/2018 01/29/2018 **Date Received Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials.

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)		
1830167-100 0130-H24A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous		Wood Fiber Binder/Filler	95% 5%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected		
1830167-101 0130-H24B	History Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100% <i>A</i>	Adhesive Binders/Filler	100%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected		
1830167-102 0130-H25A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous		Nood Fiber Binder/Filler	95% 5%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected		
1830167-103 0130-H25B	History Bldg Mastic, Brown, Homogeneous	LAYER 1 100% <i>A</i>	Adhesive Binders/Filler	100%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected		
1830167-104 0130-H26	History Bldg Button Board, White/Brown, Non- homogeneous		Cellulose Fiber Gypsum/Filler	30% 70%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected		
1830167-105 0130-H27	History Bldg Button Board, White/Brown, Non- homogeneous		Cellulose Fiber Gypsum/Filler	30% 70%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		

PAGE: 20 of 24



Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

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Date Reported 02/12/2018 Total Samples 12

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

Determination of Asbestos in Bulk Building Materials.

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)		
1830167-106 0130-H28	History Bldg Button Board, White/Brown, Non- homogeneous		Cellulose Fiber Gypsum/Filler	25% 75%	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-107 0130-H29	History Bldg TSI Pipe Insulation, White, Non- homogeneous		Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%		
	Asbestos Present Yes	Total	% Non-Asbestos:	92.0% Total	%Asbestos:	8.0%		
1830167-108 0130-H30	History Bldg TSI Pipe Insulation, White, Non- homogeneous	LAYER 1 100% E	Binder/Filler	90%	Amosite Chrysotile	8% 2%		
	Asbestos Present Yes	Total	% Non-Asbestos:	90.0% Total	%Asbestos:	10.0%		
1830167-109 0130-H31	History Bldg TSI Pipe Insulation, White, Non- homogeneous		Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%		
	Asbestos Present Yes	Total	% Non-Asbestos:	92.0% Total	%Asbestos:	8.0%		
1830167-110 0130-H32	History Bldg Roofing Debris, Brown/Gray, Non- homogeneous Note: Qualitative Analysis	100% C S C E	Vood Fiber Cellulose Fiber Synthetic Fiber Quartz Situminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected			
	Asbestos Present No	Total '	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-111 0130-H33	History Bldg Roofing Debris, Brown/Gray, Non- homogeneous Note: Qualitative Analysis	100% C S C E	Vood Fiber Cellulose Fiber Synthetic Fiber Quartz Situminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected			
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Santa Monica, CA Location

PO Number WO Number

Date Received 02/02/2018 **Date Sampled** 01/29/2018 02/12/2018 Sampled By Jorge Robles **Date Analyzed Date Reported**

Layered Felt/Tar, Black, Non-

Paper, Brown, Homogeneous

homogeneous

Asbestos Present No

02/12/2018 **Total Samples** 121

1 000 D 00/440

		Test I	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Asbestos Components (%) Type			(%)
1830167-112	History Bldg					
0130-Н34	Roofing Debris, Brown/Gray, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Materi	Present Present Present Present Present Present al Present	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-113	History Bldg					
0130-H35	LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-114	History Bldg					
0130-H36	LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2	LAYER 2	Fibrous Glass	15%	None Detected	

90%

5%

Bituminous Matrix

LAYER 3 Cellulose Fiber

Binder/Filler

Total % Non-Asbestos:

85%

95%

5%

None Detected

100.0% Total %Asbestos: No Asbestos

PAGE: 22 of 24

Detected



Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 12

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

Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	•	(%)	Asbestos Type	(%)
1830167-115 0130-H37	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830167-116 0130-H38	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Non-Fibrous Material	65% 35%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-117 0130-H39	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-118 0130-H40	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-119 0130-H41	History Bldg Vibration Reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

PAGE: 23 of 24



02/02/2018

02/12/2018

02/12/2018

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Date Received

Date Analyzed

Date Reported

Report Number 1830167

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

Date Sampled 01/29/2018
Sampled By Jorge Robles

Total Samples 121

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. Non-Asbestos Layer % Components	Asbestos (%) Type	(%)			
1830167-120 0130-H42	History Bldg Vibration Reducer. Black. Non-	LAYER 1 Synthetic Fiber	25% None Detected				
	homogeneous	100% Non-Fibrous Material	75%				
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected			
1830167-121	History Bldg						
0130-H43	Vibration Reducer, Black, Non-	LAYER 1 Synthetic Fiber	25% None Detected				
	homogeneous	100% Non-Fibrous Material	75%				
	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 Anappelear

Approved Signatory Cristina E. Tabatt

Lab Code 500044-0

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

PAGE: 24 of 24



ENVIRONMENTAL LABORATORIES

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. 1830167

	CUSTOMER INFORMATI	ON	Turnaround Time	Shippe	d Bv	Reno	ort Send Vi	2.		
Company	Alta Environmen	ntal	Same Day 🖂	Fedex	,	Web		a.		
Address	3777 Long Beach Bo	ulevard	1 Day	UPS						
City/State/Zip	Long Beach, CA 9	0807	2 Day	USPS						
Contact	Cesar, Ruvaleaba @al-	taenviron.com	3 Day 🖂	Drop Off		Verba				
Office Phone	562/ 495-577		5 Day ☑	Drop Box		1000				
Cell			Weekend	Other		Pick up				
Fax	562/ 495-5877	7	Special Instructions	s:						
Email	-									
Davis et N	2 M	PROJECT	INFORMATION							
Project Name: Project Number:	SAMOHI		PO Number:	5						
Location:	SMSD-18-7472		Work Order No.:	4,4	1 2 - 1					
Location: Santa Morica CA			Sampled By:	4	Jogs	2 Rob 1	□ STLC □			
PLM / PCM			MOLD		_	LEAD	(Pb)			
PLM EPA 600/R-9			Spore Trap		Air					
PLM 400 Pt. Coun PLM 1000 Pt. Cou			Tape Lift		Paint					
. Em 1000 1 t. 000	W 1777		Bulk Sample		Wipe Soil		TCLP			
SAMPLE ID	SAMPLE TYPE		LOCATION		Date	Start Time	Avg	Volume		
0129-01	12" Fissured ceiling	Baco			Sampled 1/29/18		Flow Rate	(L)		
0127 01	tile w/ mastic	1-01710	nm Hall	/	7/18					
-02					1					
-03	ceiling tile mastre									
-04	Ceiling tile mastic Ouct Sealant			1						
-05										
-06	1									
-07	Stucco									
-08										
-09	1									
-10	Smooth Plaste Wall	1								
Relinquished By:	By Cas		Received By:	STaba	IT					
Date/Time:	2/1/18 2200		Date/Time: 02	102/18		:00 AN	V			
	1-1			-110	, 0.					

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



Company: Alta Environmental

Project Number: 5M5D-18-7474

Project Name: SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0/29-11	Rough Plaster wall	Barnum Hall	1/29/18	*******		
-/2	Rough Plaster wall					
-/3	1 1 1					
-14	White roof core			*******	-	
-15						
-16						
-17	White penetration mastic			******		
-18						
-19	1					
-20	Gray Patch Mastle					
-21						
-22						
-23	1211 sechale cailing					
-24	1					
-25	_					
- 26						
-27						
-28						
29						
-30						
elinguished By:	082 CE	Received By:	IST et IT			
ate/Time:	1/2/1/18 2200	Date/Time: 02/p	2/18, 8.	00 am	-	

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



Company:	Alta Environmental	
Project Number:		
Project Name:		

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0129-31	Vibration reducer	Barnum Hall	1/29/18			
-32	1		7.3			
-33						
5130-01	Drywall	1 and a Ride	1/30/18	~~~~~		
-62	1	Language Blog	1			
-03	Joint compound					
-04						
-05	12" Fisswed Ceiling tile w/ g/ac					
-06	Hice wy grace					
-07						
-08	Acoustical Plaster Ceiling			*****		
-09	1					
-16						
-11						
-12						
-13						
-14						
	Button Board					
-16	1 30000					
-17	L					
Relinquished By:	gg az	Received By:	chatt			
Date/Time:	JG 02 :	Date/Time: 02/02/	sbatt	00 a	m	

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



Project Name:

Company: Alta Environmental

Project Number: SMSD-18-7472

SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0130-18	Gray Patch Mastic	Language Blog	130/18			
1 79		1	11			
-20	1					
-21	Root Mastre					
-22						
-23	1					
-24	2x4 Fissured ceiling					
-25						
26	L					
0130-41	Smooth Plaster Walls	History Blog		********		
1-112						
-H3						
-44						
-145						
-146						
-147				***		
-148	Rough Plaster Walls					
-149		representation of the second o				
-410						
1-H11	1					
elinquished By:	2/1/18 2200	Received By:	Tabatt 18; 8;			

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



Company: Alta Environmental

Project Number: SMSO-18-7472

Project Name: SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Sample	Start Time d Stop Time	Avg Flow Rate	Volum (L)
0130-H12	Rough wall plaster	Histo	ory 13/8g	1/3/18			
-413							
-1414	1				AT 40 MT AN 40 CO 40 AN 40 AN 40 AN		
-415	window Putty						
-1116							
-417					***************************************		
-1418	2×2' fissured Ceiling panel						
-1419							
-420	2×4 fisswed ceiling						
-421							
1/22	Gypsum Board						
-1123							
-1+24	12" random peghole ceiling the w/ mastic				*********		
-1/25	L '				10 40 Hz m 40 Hz m 20 d		
-426	Button Board				10 NO 10 NO 101 AN AN AN AN AN AN		
-H27					********		
-1+28					60 MI NO DE DE RE DE DO NO ME AN		
-429	TSI Ape insulation						
-1+30					per con tip con con and con too, one gar per		
-431	1	1		I	# 10 70 70 M #1 10 fg to be 10		
elinquished By:	Spe Con		Received By:	Tabatt 2/18, 8			

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



Company: Alta Environmental

Project Number: 5M3D-18-7472

Project Name: SAMOH1

(Lab) Order No. | 830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0130-182	Roofing Debris	History Bldg	1/30/18			
-433						
-1434	1				T.	
-435	White rolled on roof core					
-1+36						
-H37	1			******		
7438	white penetration mastic					
-H39						
-440						
-1441	Nibration rednur					
-1442						
1-1443			1			- I - o subcurate
				107 NO 207 NO 307 AN AN AN AN AN AN		
1.000				po san do so so so so so so so po		

elinquished By:	1/4 / 2200	Received By:	2/02/18	fatt		



Alta Envirnonmental

Attn.: Greg Archung

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039607

Signal Hill, CA 90755

Toll: 888-207-2022 Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street

Project Number SMSD-19-9289

Project Name SAMOHI H127 Location

PO Number WO Number

Date Received 04/21/2020 **Date Sampled** 04/03/2020 04/24/2020 Randolph Flores **Date Analyzed** Sampled By

Date Reported 04/24/2020 **Total Samples** 63

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
2039607-001 H1-1A	H127 Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix Binder/Filler	15% 10% 55% 20%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-002 H1-1B	H127 Roof Core- Layered Felt/Tar, Black/ Brown, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Bituminous Matrix/Filler	15% <1 85%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039607-003 H1-2A	H127 Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix Binder/Filler	15% 10% 60% 15%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-004 H1-2B	H127 Roof Core- Layered Felt, Black/ Brown, Non-homogeneous	LAYER 1 100%	Fibrous Glass Cellulose Fiber Bituminous Matrix/Filler	15% 5% 80%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039607-005 H1-3A	H127 Roof Core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix Binder/Filler	15% 10% 55% 20%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected

PAGE: 1 of 11



3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 2039607

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

Date Received 04/21/2020 **Date Sampled** 04/03/2020 04/24/2020 Randolph Flores **Date Analyzed** Sampled By **Date Reported**

04/24/2020 **Total Samples** 63

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-006	H127					
H1-3B	Roof Core- Layered Felt/Tar, Black/	LAYER 1	Fibrous Glass	15%	None Detected	
	Brown, Non-homogeneous	100%	Cellulose Fiber Bituminous Matrix/Filler	<1 85%		
			Diturninous Matrix/Filler	0370		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-007	H127					
H1-4A	Roof Shingle Core- 1, Gray/ Black,	LAYER 1	Fibrous Glass	20%	None Detected	
	Non-homogeneous	100%	Quartz/Gravel Bituminous Matrix/Filler	40% 40%		
			Ditaminous Matrix/Filler	40 /0		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-008	H127					
H1-4B	Roof Shingle Core- 2, Black, Non-	LAYER 1	Fibrous Glass	10%	None Detected	
	homogeneous	100%	Quartz/Gravel Bituminous Matrix/Filler	30% 60%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-009	H127					
H1-4C	Roof Shingle Core- Felt, Black, Non-	LAYER 1	Cellulose Fiber	50%	None Detected	
	homogeneous	100%	Bituminous Matrix	50%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-010	H127					
H1-5A	Roof Shingle Core- 1, Gray/ Black,	LAYER 1	Fibrous Glass	20%	None Detected	
	Non-homogeneous	100%	Quartz/Gravel	40%		
			Bituminous Matrix/Filler	40%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-011	H127					
H1-5B	Roof Shingle Core- 2, Black, Non-	LAYER 1	Fibrous Glass	10%	None Detected	
	homogeneous	100%	Quartz/Gravel Bituminous Matrix/Filler	30% 60%		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

PAGE: 2 of 11



3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 2039607

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

Date Received04/21/2020Date Sampled04/03/2020Date Analyzed04/24/2020Sampled ByRandolph Flores

Date Reported 04/24/2020 Total Samples 63

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 R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-012 H1-5C	H127 Roof Shingle Core- Felt, Black, Homogeneous		Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039607-013 H1-6A	H127 Roof Shingle Core- 1, Gray/ Black, Non-homogeneous	100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	20% 40% 40%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-014 H1-6B	H127 Roof Shingle Core- 2, Black, Non- homogeneous	100%	Fibrous Glass Quartz/Gravel Bituminous Matrix/Filler	10% 30% 60%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-015 H1-6C	H127 Roof Shingle Core- Felt, Black, Homogeneous		Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-016 H1-7	H127 Sealant, Gray, Homogeneous	LAYER 1 100% (Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-017	H127					
H1-8	Sealant, Gray/Beige, Non- homogeneous	LAYER 1 100% (Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

PAGE: 3 of 11



Report Number 2039607

Attn.: Greg Archung

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

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

Date Received04/21/2020Date Sampled04/03/2020Date Analyzed04/24/2020Sampled ByRandolph Flores

Date Reported 04/24/2020 Total Samples 63

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 %		(%)	Asbestos Type	(%)			
2039607-018	H127								
H1-9	Sealant, Gray, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% 7	Total %Asbestos:	No Asbestos Detected			
2039607-019	H127								
H1-10	Window Putty, Beige/ White, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% 7	Total %Asbestos:	No Asbestos Detected			
2039607-020	H127								
H1-11	Window Putty, Beige/ White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% 7	Total %Asbestos:	No Asbestos Detected			
2039607-021	H127								
H1-12	Window Putty, Beige/ White, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	80% 20%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% 7	Total %Asbestos:	No Asbestos Detected			
2039607-022	H127								
H1-13	Ext Stucco, Gray, Non-homogeneous	100%	Quartz Calcium Carbonate Binder/Filler	50% 30% 20%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% 7	Total %Asbestos:	No Asbestos Detected			
2039607-023	H127								
H1-14	Ext Stucco, Gray, Non-homogeneous		_		None Detected				
		100%	Quartz Calcium Carbonate Binder/Filler	50% 30% 20%					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% 7	otal %Asbestos:	No Asbestos Detected			

PAGE: 4 of 11



Alta Envirnonmental

Attn.: Greg Archung

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039607

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

04/03/2020 **Date Received** 04/21/2020 **Date Sampled Date Analyzed** 04/24/2020 Sampled By Randolph Flores

Date Reported 04/24/2020 **Total Samples** 63

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

Determination of Asbestos in Bulk Building Materials

	Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)			
2039607-024	H127								
H1-15	Ext Stucco, Gray, Non-homogeneou	s LAYER 1			None Detected				
		100%	Quartz	45%					
			Calcium Carbonate Binder/Filler	40% 15%					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected			
2039607-025	H127								
H1-16	Ext Stucco, Gray, Non-homogeneou				None Detected				
		100%	Quartz	45%					
			Calcium Carbonate Binder/Filler	40% 15%					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected			
2039607-026	H127								
H1-17	Ext Stucco, Gray, Non-homogeneou				None Detected				
		100%	Quartz Calcium Carbonate Binder/Filler	45% 40% 15%					
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected			
2039607-027	H127								
H1-18	Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected			
2039607-028	H127					_			
H1-19	Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected			
2039607-029	H127								
H1-20	Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected				
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected			

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Report Number 2039607

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

Date Received04/21/2020Date Sampled04/03/2020Date Analyzed04/24/2020Sampled ByRandolph Flores

Date Reported 04/24/2020 Total Samples 63

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 I	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-030 H1-21A	H127 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-031	H127					
H1-21B	Mastic, Tan (White), Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-032 H1-22A	H127 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039607-033	H127					
H1-22B	Mastic, Tan (White), Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
2039607-034	H127					
H1-23A	4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	30% 70%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039607-035	H127					
H1-23B	Mastic, Tan (White), Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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Alta Envirnonmental

Attn.: Greg Archung

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039607

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

Date Received04/21/2020Date Sampled04/03/2020Date Analyzed04/24/2020Sampled ByRandolph Flores

Date Reported 04/24/2020 Total Samples 63

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.

<u> </u>		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-036 H1-24	H127 2"x4" Fissured Ceiling Tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
2039607-037 H1-25	H127 2"x4" Fissured Ceiling Tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected
2039607-038 H1-26	H127 2"x4" Fissured Ceiling Tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
2039607-039	H127					
H1-27	Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
2039607-040 H1-28	H127 Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected
2039607-041	H127					
H1-29	Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected

PAGE: 7 of 11



3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 2039607

Attn.: Greg Archung

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

Date Received04/21/2020Date Sampled04/03/2020Date Analyzed04/24/2020Sampled ByRandolph Flores

Date Reported 04/24/2020 Total Samples 63

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	(%)	
2039607-042 H1-30A	H127 12"x12" Floor Tile, Blue, Homogeneous		Calcium Carbonate ⁄inyl Binder	65% 35%	None Detected		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected	
2039607-043	H127						
H1-30B	Glue, Yellow, Homogeneous	LAYER 1 100% C	Organic Binders	100%	None Detected		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected	
2039607-044 H1-31A	H127 12"x12" Floor Tile, Blue, Homogeneous		Calcium Carbonate Vinyl Binder	65% 35%	None Detected		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected	
2039607-045	H127						
H1-31B	Glue, Yellow, Homogeneous	LAYER 1 100% C	Organic Binders	100%	None Detected		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected	
2039607-046 H1-32A	H127 12"x12" Floor Tile, Blue, Homogeneous		Calcium Carbonate Vinyl Binder	65% 35%	None Detected		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected	
2039607-047	H127						
H1-32B	Glue, Yellow, Homogeneous	LAYER 1 100% (Organic Binders	100%	None Detected		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected	

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Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street

Project Number SMSD-19-9289 Alta Envirnonmental **Project Name** SAMOHI 3777 Long Beach Blvd.

Long Beach CA 90807 Location H127 Attn.: Greg Archung

PO Number **WO Number** Report Number 2039607

04/21/2020 04/03/2020 **Date Received Date Sampled** 04/24/2020 Date Analyzed Sampled By Randolph Flores

Date Reported Total Samples 04/24/2020

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

Test Report Layer No. **Non-Asbestos** Laboratory ID **Sample Location Asbestos** Layer % Sample No. Description Components (%) Type (%) 2039607-048 H127 LAYER 1 Wood Fiber 95% H1-33A Wood Core Flooring- Top, None Detected Brown/Black, Non-homogeneous 100% **Bituminous Matrix** 5% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 2039607-049 H127 None Detected H1-33B Wood Core Flooring-Middle, LAYER 1 Wood Fiber 95% Brown/Black, Non-homogeneous 100% **Bituminous Matrix** 5% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos **Detected** 2039607-050 H127 LAYER 1 Cellulose Fiber 50% None Detected H1-33C Barrier Paper, Black, Homogeneous 100% Bituminous Matrix 50% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 2039607-051 H127 H1-33D Wood Core Flooring- Bottom, LAYER 1 Wood Fiber 95% None Detected Brown/Black, Non-homogeneous 100% Bituminous Matrix 5% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 2039607-052 H127 H1-34A LAYER 1 Wood Fiber 100% None Detected Wood Core Flooring- Top, Brown, Homogeneous 100% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 2039607-053 H127 Cellulose Fiber 30% None Detected H1-34B Barrier Paper, Black, Homogeneous LAYER 1 100% Bituminous Matrix/Filler 70% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 2039607-054 H127 LAYER 1 Wood Fiber 95% None Detected H1-34C Wood Core Flooring- Bottom, Brown/Black, Non-homogeneous 100% **Bituminous Matrix** 5% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected

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Report Number 2039607

Attn.: Greg Archung

Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

04/03/2020 **Date Received** 04/21/2020 **Date Sampled Date Analyzed** 04/24/2020 Sampled By Randolph Flores

Date Reported Total Samples 04/24/2020 63

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039607-055 H1-35A	H127 Wood Core Flooring- Top, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-056 H1-35B	H127 Wood Core Flooring- Barrier Paper, Note: No barrier paper present	LAYER 1 100%				
2039607-057 H1-35C	H127 Wood Core Flooring- Bottom, Brown/Black, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-058 H1-36A	H127 12"x12" Floor Tile, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-059	H127					
H1-36B	Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-060 H1-37A	H127 12"x12" Floor Tile, White, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	60% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039607-061	H127					
H1-37B	Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

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Alta Envirnonmental 3777 Long Beach Blvd. Long Beach CA 90807 Attn.: Greg Archung

Report Number 2039607

04/21/2020 **Date Received** 04/24/2020 **Date Analyzed Date Reported** 04/24/2020

Project Number SMSD-19-9289

Project Name SAMOHI Location H127

PO Number WO Number

04/03/2020 **Date Sampled** Randolph Flores Sampled By

Total Samples

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

Determination of Asbestos in Bulk Building Materials.

Test Report Layer No. **Non-Asbestos** Laboratory ID **Sample Location Asbestos** Layer % Sample No. Description Components (%) Type (%) 2039607-062 H127 LAYER 1 None Detected H1-38A 12"x12" Floor Tile, White, 100% Homogeneous Calcium Carbonate 60% Vinyl Binder 40% Asbestos Present: No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 2039607-063 H127 H1-38B Glue, Yellow, Homogeneous LAYER 1 None Detected 100% Organic Binders 100% 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. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or 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 unless otherwise instructed. **CA-ELAP #2823**

NVLAP Lab Code 500044-0

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

PAGE: 11 of 11



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

(Lab) Order No. 2039107

	CUSTOMER INFORM	IATION	Turnaround Time	Shipped By	Report Send Via:
Company	Alta Enviror	mental	Same Day 🖂	Fedex	Web 🗆 /
Address	3777 Long Beac	h Boulevard	1 Day	UPS	Email 💌
City/State/Zip	Long Beach, (CA 90807	2 Day	USPS □	Fax 🖂
Contact	Greg Archung		3 Day ☑	Drop Off	Verbal
Office Phone	562/ 495-	5777	5 Day	Drop Box	Mail 🖂
Cell	562. 934.	Name of Street, or other Designation of the Owner, where the Parket of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whic	Weekend	Other	Pick up 🖂
Fax	562/ 495-		Special Instruction	s:	
Email	Greg. Avenung (A)	INS. com			
		PROJECT	INFORMATION		
Project Name:	SAMOUL		PO Number:		
Project Number:	5MSD-19-928	39	Work Order No.:		
Location:	H127		Sampled By:	Randol	oh Flores
PL		PCM	MOLD		LEAD (Pb)
PLM EPA 600/M4		SH 7400A 🗆	Spore Trap	Air	□ TTLC □
PLM 400 Pt. Coun PLM 1000 Pt. Cou		SH 7400B	Tape Lift Bulk Sample	□ Paint Wipe	
FEIW 1000 Ft. C00	III (<0.1%)	W	Bulk Sample	Soil	
SAMPLE ID	SAMPLE TYPE		LOCATION	Date	Start Time Avg Volume
H1 = H-127				Sampled	Stop Time Flow Rate (L)
41-1	CAP SHEET RO	H	-127	4/3/20	
2					
3	1				
4	Roof Shingle				
5	Core				
6	White Seclar	1			
7	WHITE SECTOR				
8					PAGEMANDENTS
9	+				**********
1 10	Window Puffe	2	1		6 N N D D D D D D D D
Relinquished By:	Randy Flore	e ha	Received By:	muena	W-
Date/Time: 4-2	0-20 1800		Date/Time:	mues 1/2	0800
	20 -000	++	water fille.	11-11-0	Lab Forms

Page _ / of ___

Ver. 082411



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

Alta Environmental	
SM5D-19-9289	

Analysis:

TAT:

2039607 54MOH1 (Lab) Order No. Project Name: SAMPLE ID SAMPLE TYPE LOCATION Date Start Time Avg Volume Sampled Stop Time Flow Rate H1-11 H127 window Putty 12 Ext Stucco 13 14 15 16 17 Barrier Paper 18 19 4 BLACK Cove Base W/TAN MASTIC 22 23 2'x4"fissured Ceiling Tile 7 Gray Puct Seglant FLOOFTILE WGILE 4/21/20 080 Relinquished By: Received By: Date/Time: 4-20-20 1800 0800 Date/Time:

Page Z of __

Ver. 082411



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

Ver. 082411

Company:	Alta Environmental	11		Analysis:				
Project Number:	SM5D-19-9289			TAT:				
Project Name:	SAMOUI			(Lab)	order No.	203	39600	7
SAMPLE ID	SAMPLE TYPE		OCATION		Date	Start Time	Avg	Volume
H1-31	12/x12/Blue Floorne	н	27		Sampled 4/3/20	Stop Time	Flow Rate	(L)
32	1				1			
33	WOOD CURE BARRIER PAPER FLOOR	21115						
34								
35								
36	12X17 WHITE FLOOK THE YGLUE							
37								
38	4				1			

					1,2			
	<u> </u>							
Relinquished By:	1800 M		ived By:	mue				
Date/Time:	7800	Date/	Time:	4/2	1/20	080	O Lan Form	TO .

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Report Number 2039596

Attn.: Greg Archung

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores

Date Reported 04/23/2020 **Total Samples** 90

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. **Method of Analysis**

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)		
2039596-001 GB-1	Drake Pool (Gym) Sealant, White/Lt. Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-002 GB-2	Drake Pool (Gym) Sealant, White/Lt. Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-003 GB-3	Drake Pool (Gym) Sealant, White/Lt. Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected			
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-004 GB-4	Drake Pool Roof (Gym) Sealant, Gray/White, Non- homogeneous	LAYER 1 100%	Mica Silicone-like material Binder/Filler	<1% 95% 5%	None Detected			
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-005 GB-5	Drake Pool Roof (Gym) Sealant, Gray/White, Non- homogeneous	LAYER 1 100%	Mica Silicone-like material Binder/Filler	<1% 95% 5%	None Detected			
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-006 GB-6	Drake Pool Roof (Gym) Sealant, White, Homogeneous	LAYER 1 100%	Silicone-like material	100%	None Detected			
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores

Date Reported 04/23/2020 **Total Samples** 90

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. **Method of Analysis**

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-007 GB-7	Drake Pool Roof (Gym) Capsheet Roof Parapet, White/Cream/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix	2% 20% 25%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-008 GB-8	Drake Pool Roof (Gym) Capsheet Roof Parapet, White/Cream/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix	2% 20% 20%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected
2039596-009 GB-9	Drake Pool Roof (Gym) Capsheet Roof Parapet, White/Cream/Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Cellulose Fiber Bituminous Matrix Binder/Filler	8% <1 2% 50% 40%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-010 GB-10	Drake Pool Roof (Gym) 2'x4' Walk Pad Roofing, Gray/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Quartz/Gravel Bituminous Matrix/Filler	20% 20% 60%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-011 GB-11	Drake Pool Roof (Gym) 2'x4' Walk Pad Roofing, Gray/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Quartz/Gravel Bituminous Matrix	20% 15% 65%	None Detected	
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores

Date Reported 04/23/2020 **Total Samples** 90

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

Determination of Asbestos in Bulk Building Materials

	Test Report							
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)		
2039596-012 GB-12	Drake Pool Roof (Gym) 2'x4' Walk Pad Roofing, Gray/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Quartz/Gravel Bituminous Matrix	35% 10% 55%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		
2039596-013 GB-13	Drake Pool Interior (Gym) Smooth Plaster Columns, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	30% 25% 45%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		
2039596-014 GB-14	Drake Pool Interior (Gym) Smooth Plaster Columns, Beige/ White, Non-homogeneous	LAYER 1 100%	Vermiculite Gypsum/Binder/Filler	25% 75%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		
2039596-015 GB-15	Drake Pool Interior (Gym) Smooth Plaster Columns, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Vermiculite Calcium Carbonate Gypsum/Binder/Filler	20% 5% 30% 45%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		
2039596-016 GB-16A	Drake Pool Interior (Gym) Round Cement Brick (4"), Brown/Black, Non-homogeneous	LAYER 1 100%	Quartz Perlite Calcium Carbonate Binder/Filler	5% 40% 45% 10%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected		

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores **Date Reported**

04/23/2020 **Total Samples** 90

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. **Method of Analysis**

		Test R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-017 GB-16B	Drake Pool Interior (Gym) Mastic, Tan, Homogeneous	LAYER 1 100% C	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-018 GB-17A	Drake Pool Interior (Gym) Round Cement Brick (4"), Brown/Black, Non-homogeneous	F	Quartz Perlite Calcium Carbonate Binder/Filler	5% 40% 45% 10%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-019 GB-17B	Drake Pool Interior (Gym) Mastic, Tan, Homogeneous	LAYER 1 100% (Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-020 GB-18A	Drake Pool Interior (Gym) Round Cement Brick (4"), Brown/Black, Non-homogeneous	F	Quartz Perlite Calcium Carbonate Binder/Filler	5% 40% 45% 10%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-021 GB-18B	Drake Pool Interior (Gym) Mastic, Tan, Homogeneous	LAYER 1 100% C	Organic Binders/Filler	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores **Date Reported**

04/23/2020 **Total Samples** 90

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 **Method of Analysis**

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)		
2039596-022 GB-19	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected		
2039596-023 GB-20	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected		
2039596-024 GB-21	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected		
2039596-025 GB-22	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected		
2039596-026 GB-23	Drake Pool Interior (Gym) Non Skid Flooring, Pink, Homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	20% 70% 10%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected		

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Report Number 2039596

Attn.: Greg Archung

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores Date Reported 04/23/2020 **Total Samples** 90

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

		Test R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-027	Drake Pool Interior (Gym)					
GB-24	Non Skid Flooring, Pink,	LAYER 1			None Detected	
	Homogeneous		Quartz Calcium Carbonate Binder/Filler	20% 70% 10%		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-028	Drake Pool Interior (Gym)					
GB-25	Non Skid Flooring, Pink,	LAYER 1			None Detected	
	Homogeneous		Quartz Calcium Carbonate	20% 70%		
			Binder/Filler	10%		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-029	Boys & Girls Locker Room					
GB-26	Epoxy Flooring, Turquoise,	LAYER 1			None Detected	
	Homogeneous		Quartz Organic Binders	50% 50%		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-030	Boys & Girls Locker Room					
GB-27	Epoxy Flooring, Turquoise,	LAYER 1	0	500/	None Detected	
	Homogeneous		Quartz Organic Binders	50% 50%		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-031	Boys & Girls Locker Room					
GB-28	Epoxy Flooring, Turquoise,	LAYER 1			None Detected	
	Homogeneous		Quartz Organic Binders	50% 50%		
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores **Date Reported** 04/23/2020

Total Samples 90

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. **Method of Analysis**

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)		
2039596-032 GB-29	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-033 GB-30	Boys & Girls Locker Room Epoxy Flooring, Turquoise, Homogeneous	LAYER 1 100%	Quartz Organic Binders	50% 50%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-034 GB-31A	South Gym 12"x F.T Top, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-035 GB-31B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-036 GB-31C	South Gym 12"x F.T Bottom, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%		
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	92.0% Tota	I %Asbestos:	8.0%		
2039596-037 GB-31D	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores **Date Reported**

04/23/2020 **Total Samples** 90

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. **Method of Analysis**

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)		
2039596-038 GB-32A	South Gym 12"x F.T Top, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-039 GB-32B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-040 GB-32C	South Gym 12"x F.T Bottom, Gray, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%		
	Asbestos Present: Yes	Tota	al % Non-Asbestos:	92.0% Tota	I %Asbestos:	8.0%		
2039596-041 GB-32D	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-042 GB-33A	South Gym 12"x F.T Top, Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-043 GB-33B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		

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04/20/2020

04/23/2020

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039596

Date Reported 04/23/2020

Attn.: Greg Archung

Date Received

Date Analyzed

Toll: 888-207-2022 Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street Signal Hill, CA 90755

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Sampled 04/01/2020 Sampled By Randolph Flores

> **Total Samples** 90

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

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %		(%)	Asbestos Type	(%)		
2039596-044 GB-33C	South Gym 12"x F.T Bottom, Gray, Homogeneous		Calcium Carbonate Vinyl Binder	40% 52%	Chrysotile	8%		
	Asbestos Present: Yes	Tota	I % Non-Asbestos:	92.0% T	otal %Asbestos:	8.0%		
2039596-045 GB-33D	South Gym Mastic, Black, Homogeneous		Bituminous Matrix	100%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected		
2039596-046 GB-34A	South Gym 12"x F.T., Blue, Homogeneous		Calcium Carbonate Vinyl Binder	65% 35%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected		
2039596-047 GB-34B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	100%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected		
2039596-048 GB-35A	South Gym 12"x F.T., Blue, Homogeneous		Calcium Carbonate Vinyl Binder	65% 35%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected		
2039596-049 GB-35B	South Gym Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	100%	None Detected			
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected		

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Report Number 2039596

Attn.: Greg Archung

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

Fax: 562-206-2773

Project Number SMSD-19-9289

Project Name SAMOHI Gym Bldg. Location

PO Number WO Number

04/20/2020 **Date Sampled** 04/01/2020 **Date Received Date Analyzed** 04/23/2020 Sampled By Randolph Flores

Date Reported 04/23/2020 **Total Samples** 90

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

Determination of Asbestos in Bulk Building Materials.

Test Report							
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	•	(%)	Asbestos Type	(%)	
2039596-050 GB-36A	South Gym 12"x F.T., Blue, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	65% 35%	None Detected		
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected	
2039596-051	South Gym						
GB-36B	Mastic, Black, Homogeneous	LAYER 1 100%	Bituminous Matrix/Filler	100%	None Detected		
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected	
2039596-052 GB-37A	South Gym 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 60%	None Detected		
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected	
2039596-053	South Gym						
GB-37B	Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected		
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected	
2039596-054	South Gym						
GB-38A	4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 60%	None Detected		
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected	
2039596-055	South Gym						
GB-38B	Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected		
	Asbestos Present: No	Tota	ıl % Non-Asbestos:	100.0% To	tal %Asbestos:	No Asbestos Detected	

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Report Number 2039596

Attn.: Greg Archung

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores

Date Reported 04/23/2020 **Total Samples** 90

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. **Method of Analysis**

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)		
2039596-056 GB-39A	South Gym 4" Cove Base, Black, Homogeneous	LAYER 1 100%	Calcium Carbonate Vinyl Binder	40% 60%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-057 GB-39B	South Gym Mastic, White, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-058 GB-40	South Gym Carpet Glue w/ Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Organic Binders	5% 40% 55%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-059 GB-41	Gym South Carpet Glue w/ Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Synthetic Fiber Bituminous Matrix Organic Binders	<1% <1 20% 80%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-060 GB-42	South Gym Carpet Glue w/ Mastic, Yellow/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Organic Binders	5% 40% 55%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		
2039596-061 GB-43A	South Gym HVAC Gasket, Black, Homogeneous	LAYER 1 100%	Foam-like material	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected		

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04/20/2020

04/23/2020

04/23/2020

3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039596

Attn.: Greg Archung

Date Received

Date Analyzed

Date Reported

Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Sampled 04/01/2020 Sampled By Randolph Flores

> **Total Samples** 90

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. **Method of Analysis**

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)		
2039596-062 GB-43B	South Gym Glue, Colorless, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected		
2039596-063	South Gym							
GB-44A	HVAC Gasket, Black, Homogeneous	LAYER 1 100%	Foam-like material	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected		
2039596-064 GB-44B	South Gym Glue, Colorless, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected		
2039596-065	South Gym							
GB-45A	HVAC Gasket, Black, Homogeneous	LAYER 1 100%	Foam-like material	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected		
2039596-066 GB-45B	South Gym Glue, Colorless, Homogeneous	LAYER 1 100%	Organic Binders	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected		
2039596-067	South Gym	LAVED 4	Minoral Wool	1000/	None Detected			
GB-46A	HVAC Duct Insulation, Yellow, Homogeneous	LAYER 1 100%	Mineral Wool	100%	None Detected			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected		

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Report Number 2039596

Attn.: Greg Archung

1508 East 33rd Street Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores **Date Reported**

04/23/2020 **Total Samples** 90

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. **Method of Analysis**

Dotomination	01710000100111	Daile Ballali	ig iviate	niaio.

		Test Ro	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-068 GB-46B	South Gym Mastic, Black, Homogeneous	LAYER 1 100% B	ituminous Matrix	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-069 GB-47A	South Gym HVAC Duct Insulation, Yellow, Homogeneous	LAYER 1 M	nineral Wool	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-070 GB-47B	South Gym Mastic, Black, Homogeneous	LAYER 1 100% B	ituminous Matrix	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-071 GB-48A	South Gym HVAC Duct Insulation, Yellow, Homogeneous	LAYER 1 M	nineral Wool	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-072 GB-48B	South Gym Mastic, Black, Homogeneous	LAYER 1 100% B	ituminous Matrix	100%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-073 GB-49	South Gym Vibration Reducer, Black, Non- homogeneous		Synthetic Fiber binder/Filler	25% 75%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
2039596-074 GB-50	South Gym Vibration Reducer, Black, Non- homogeneous		Synthetic Fiber Sinder/Filler	25% 75%	None Detected	
	Asbestos Present: No	Total	% Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039596

Attn.: Greg Archung

Signal Hill, CA 90755 Toll: 888-207-2022

Tel: 562-206-2770 Fax: 562-206-2773

1508 East 33rd Street

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores

Date Reported 04/23/2020 **Total Samples** 90

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. **Method of Analysis**

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-075 GB-51	South Gym Vibration Reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	25% 75%	None Detected	
	Asbestos Present: No	Total % Non-Asbestos:		100.0% Total %Asbestos:		No Asbestos Detected
2039596-076 GB-52A	South Gym Press Board w/ Straight Holes, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-077 GB-52B	South Gym (Sheetrock), Pink/Brown, Non- homogeneous	100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	5% <1 5% 90%	None Detected	
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-078 GB-53A	South Gym Press Board w/ Straight Holes, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-079 GB-53B	South Gym (Sheetrock), Pink/Brown, Non- homogeneous	100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	15% <1 10% 75%	None Detected	
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-080 GB-54A	South Gym Press Board w/ Straight Holes, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	90% 10%	None Detected	
	Asbestos Present: No	Tota	l % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

PAGE: 14 of 16



3777 Long Beach Blvd. Long Beach CA 90807

Report Number 2039596

Attn.: Greg Archung

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

Project Number SMSD-19-9289

SAMOHI **Project Name** Gym Bldg. Location

PO Number WO Number

Date Received 04/20/2020 **Date Sampled** 04/01/2020 **Date Analyzed** 04/23/2020 Sampled By Randolph Flores **Date Reported** 04/23/2020 **Total Samples** 90

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
2039596-081 GB-54B	South Gym (Sheetrock), Pink/Brown, Non- homogeneous	100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	5% <1 5% 90%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-082 GB-55A	Dance Room Floor (Gym) Wood Core Flooring- Top, Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
2039596-083 GB-55B	Dance Room Floor (Gym) Wood Core Flooring- Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-084 GB-55C	Dance Room Floor (Gym) Wood Core Flooring- Bottom, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
2039596-085 GB-56A	Dance Room Floor (Gym) Wood Core Flooring- Top, 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
2039596-086 GB-56B	Dance Room Floor (Gym) Wood Core Flooring- Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present: No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected

PAGE: 15 of 16



Alta Envirnonmental 3777 Long Beach Blvd. Long Beach CA 90807 Attn.: Greg Archung

Report Number 2039596

 Date Received
 04/20/2020

 Date Analyzed
 04/23/2020

 Date Reported
 04/23/2020

Project Number SMSD-19-9289

Project Name SAMOHI
Location Gym Bldg.

PO Number WO Number

Date Sampled 04/01/2020
Sampled By Randolph Flores

Total Samples 90

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 F	Report				
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	•	(%)	Asbestos Type	(%)	
	Becomption	Layo. 70	- Сотроното	(70)	1,700	(70)	
2039596-087	Dance Room Floor (Gym)			0.50/			
GB-56C	Wood Core Flooring- Bottom, 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	
2039596-088	Dance Room Floor (Gym)						
GB-57A	Wood Core Flooring- Top, White/	LAYER 1	Wood Fiber	95%	None Detected		
	Brown, Non-homogeneous	100%	Binder/Filler	5%			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected	
2039596-089	Dance Room Floor (Gym)						
GB-57B	Wood Core Flooring- Barrier Paper,	LAYER 1	Cellulose Fiber	50%	None Detected		
	Black, Homogeneous	100%	Bituminous Matrix	50%			
	Asbestos Present: No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected	
2039596-090	Dance Room Floor (Gym)						
GB-57C	Wood Core Flooring- Bottom, Black/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Bituminous Matrix	95% 5%	None Detected		
Asbestos Present: No			Total % Non-Asbestos:		100.0% Total %Asbestos:		

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. Non-homogeneous samples containing discrete and separable layers are analyzed and reported separately; composite results may be reported upon customer's request. Non-homogeneous samples with inseparable layers are analyzed and reported as composite samples. Due to the limitations of Polarized Light Microscopy, samples reported as None Detected or 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 unless otherwise instructed.

CA-ELAP #2823

Analyst - Cristina Tabatt

TESTING NVLAP Lab Code 500044-0

PAGE: 16 of 16

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773



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

(Lab) Order No.	2039596	
		_

	CUSTOMER INFORMATION	N	Turnaround Time	Shippe	d By	Repor	t Send Via:	
Company	Alta Environmen	tal	Same Day 🖂	Fedex		Web		
Address	3777 Long Beach Box	ulevard	1 Day	UPS			10	
City/State/Zip	Long Beach, CA 90	0807	2 Day	USPS		Fax		
Contact	Greg Archmy		3 Day	Drop Off		Verbal	_	
Office Phone	562/ 495-5777		5 Day 🖂	Drop Box		Mail		
Cell	562- 936- 8619		Weekend	Other		Pick up	-	
Fax	562/ 495-5877		Special Instruction	s:				
Email (iveg. Archung ANV	5. com						
		PROJECT	INFORMATION					
Project Name:	SAMOHI		PO Number:					
Project Number:	5M5D-19-928	9	Work Order No.:					
Location:	Gym Blog.		Sampled By:		Randolp	oh Flores		
PLI	M / I	PCM	MOLD			LEAD	(Pb)	
PLM EPA 600/M4- PLM 400 Pt. Count PLM 1000 Pt. Cour	(<0.25%) NIOSH 7	400B 🗆	Spore Trap Tape Lift Bulk Sample	000	Air Paint Wipe Soil	0000	TILC	
SAMPLE ID GB=Gym Bldg.	SAMPLE TYPE		LOCATION		Date	Start Time	Avg	Volume
			,	4	Sampled	Stop Time	Flow Rate	(L)
GB- 1	White Sealand	Drake F	ool Roof (Grym	.)	4/1/20	*********		
2								
3	4		4		THE.			
4	Seal ant	Drek.	e Pool Roof	(man)		47 C) 45 WHO SS AN AL D 10 PO		
5					n e			
7	4							
7	Cap Sheet Roof Parapet							
8						19 KV Co-00, SK (na lake ka) 20, sap ca		
9	1 1							
+ 10	2x4 WAIK PAD ROOFING		1	^				
Relinquished By: Y		non	Received By:	Pal	utt			
Date/Time: 4	20-20 0936		Date/Time:	PI	4/2	0/20 0	:30	
						-	Lab Form	200

Lab Forms Ver. 082411

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



Company: Alta Environmental 5M5D-19-9289 **Project Number:**

Project Name:

Analysis:

TAT:

(Lab) Order No. 2039596

GB - 11	2×4 WAIR PAD		Sampled	Stop Time Flow Rate (L)
	ROOFING	Drake Rool Roof (Gryn)	4/1/26	
12	1			
13	Smooth Plaster Columns	Prake Pool Interior (Gym)		
14				
15		1		
16	Round Cement Burck	Drake Pool Interior (Gym)		
17				
18		+		
19	Red Pink Non Skid Flooring	Drake Pool Int. Gym)		
26				
21				
22				
23				
24				
25	+	+		
16	Turquoise Epoxy Flooring	Boys & Girl locker Room		
27				
28				
29				
1 30		1	1	
elinquished By:	20-21 0930	Received By:	VV	0 9:30

Lab Forms Ver. 082411

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



Company: Alta Environmental SMSD-19-9289 Project Number:

SAMOHI

Analysis:

TAT:

SAN	MPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volum
68-	3 1	12 x BLUE F.T. ON 12" Gray WMASTIC	Gym 1	Sampled $\sqrt{2/2}_{D}$	Stop Time	Flow Rate	(L)
	32			1			
	33						
	34	W/BLACK M.					
	35						
	36						
	37	4 BLACK COVE BASE WWHITE MASTIC					
	38		r				
	39	1					
	46	CARPET GLUZ Yellow WBR. MASTIC					
	41						
	42	+					
	43	BLACK HVAC GASKET					
	44						
	45	1					
	46	HVAL DULT INS,					
	47						
	48	ا ا					
	49	Vibration Reduce					
1	50	4	2	1			
telinqu	ished By:	M 2	Received By:	abott			

Ver. 082411

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



Company: Alta Environmental

Project Number: SMSD-19-9289

Analysis:

TAT:

Project Name: 54m 0H/

(Lab) Order No. 2039596

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
63-51	Vibration Reducer	6ym	4/2/20			(-)
52	Vibration Reducer Press Board W/stoaight Holos					
53						
1 54	1	1				
3B-55	Flooring Paper	Dance Room Floor (Gym)	4/2/20			
56	0		1)			
1 57	4		1			
					T	
elinquished By:	man	Received By:	tul			
ate/Time: 니~	20-20 0930	Date/Time:	4/20/20	9:30	Lab Fon	

Ver. 082411

Appendix C

Field Bulk Sample List: Lead

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

Cafeteria Building

								Approx.
Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Damage Qty.
Air vent	RF-PC-1	Metal	Off-white	Center of vent	Roof vents/ HVAC units	1,800	Yes	40 SF
Conduit	RF-PC-2	Metal	Off-white	North west of roof	Throughout roof	100	Yes	120 LF
Exterior wall	RF-PC-3	Stucco	Off-white	Northeast of building	Exterior walls in sections	580	No	N/A
Roof	RF-PC-4	Capsheet	Off-white	Northeast of building	Painted roof	<50	No	N/A
Exterior wall	RF-PC-5	Cement brick	Off-white	North wall on the east side	Exterior walls in sections	<47	No	N/A
Support beam	RF-PC-6	Metal	Blue	East of building	Arcade support beams	350	No	N/A
Exterior wall	RF-PC-7	Stucco	Off-white	East side	Exterior walls in sections	500	No	N/A
Arcade ceiling	RF-PC-8	Metal	Off-white	South side	Exterior walls in sections	<50	No	N/A
Interior wall	RF-PC-9	Plaster	Blue	East side	Dining area walls	<50	No	N/A
Window frame	RF-PC-10	Wood	Off-white	West side	West wind bay of student dining	1,700	No	N/A
Bulletin board	RF-PC-11	Metal	Blue	East side	Northeast of building	68	No	N/A
Bulletin board frame	RF-PC-12	Wood	Blue	East side	Northeast of building	2,000	No	N/A
I beam	RF-PC-13	Metal	Green	Above ceiling center	Above ceiling	18,000	No	N/A

Page 1 of 4

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

South Gym/ Drake Pool Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Conduit	RF-PC-14	Metal	Off-white	Basement above ceiling	Piping above ceiling	1,300	No	N/A
Louvers	RF-PC-15	Metal	Off-white	Center of roof	Louvers, fans, and vents on roof	<47	No	N/A
Cement wall	RF-PC-16	Concrete	Off-white	Southwest	Drake pool exterior	950	No	N/A
Interior wall	RF-PC-17	Concrete	Off-white	Room 102	Interior paint perimeter walls	<48	No	N/A
Parapet wall	RF-PC-18	Roofing	Off-white	Northeast	parapet and skylight on roof	<49	No	N/A
Exterior walls	RF-PC-19	Concrete	Off-white	Northeast	Drake pool exterior walls	110	No	N/A
Interior walls	RF-PC-20	Concrete	Off-white	Room SF200 west	Interior perimeter walls south gym	120	No	N/A
Door	RF-PC-21	Metal	Blue	Girl's PE office northeast door	Doors interior gym	48	No	N/A
Interior wall	RF-PC-22	Concrete	Off-white	Southwest	Interior paint drank pool	500	No	N/A

Page 2 of 4

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

H127 Building

								Approx.
Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Damage Qty.
Flashing	RF-PC-23	Metal	White	Northeast	Roof	110	No	N/A
Door frame	RF-PC-24	Metal	Blue	Southeast	Doors	<48	No	N/A
Wall	RF-PC-25	Drywall	White	South center kitchen	Throughout building interior walls	56	No	N/A
Exterior windowsill	RF-PC-26	Wood	White	East side	Windowsills	27,000	No	N/A
Exterior wall	RF-PC-27	Stucco	White	Southwest corner	Exterior walls of building	<48	No	N/A
Door	RF-PC-28	Metal	Cream	Center	HVAC closet door	49	No	N/A
Wall	RF-PC-29	Drywall	Off-white	West center	Throughout interior of building	50	No	N/A

Page 3 of 4

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-19-9289

PROJECT NAME: SAMOHI-History-Cafeteria-Gym Demo

History Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Ceiling	PC-1	Plaster	Green	David bowie kiln room on ceiling	David bowie kiln room	790	Yes	30 SF
Flashing	PC-2	Metal	White	Roof, north center	Roof	110	No	N/A
Circle air vents	PC-3	Metal	White	Circle air vent, roof	Roof	9,000	No	N/A
Door frame	PC-4	Metal	Yellow	Door frame, H117A	H117A	150	No	N/A
Window frame	PC-5	Metal	Beige	Exterior window by H100	Exterior metal windows	690	No	N/A
Door frame	PC-6	Metal	White	Room H116	All classroom metal doors	920	No	N/A
Window frame	PC-7	Wood	White	Room H20	On interior wood window frames	9,100	No	N/A
Wall	PC-8	Stucco	Beige	Exterior, west center	Exterior walls	100	No	N/A
Metal case	PC-9	Metal	Red	1st floor hallway	All fire extinguisher cases	4,000	No	N/A
Door frame	PC-10	Metal	Light blue	Room H115	Interior metal doors	130	No	N/A
Door	PC-11	Metal	Dark blue	Hallway south entrance, 1st floor entrances	All exterior door	110	No	N/A
Door frame	PC-12	Wood	Light blue	Hallway entrance 1st floor	Hallway entrances	93	No	N/A
Window frame	PC-13	Metal	White	Room H116, interior side of window	All interior metal windows	950	No	N/A
Plaster wall	PC-14	Plaster	Yellow	Room H117A, west	Room H117A	130	Yes	10 SF
Window frame	PC-15	Wood	Beige	Exterior window, west	All exterior wood window frames	43,000	No	N/A
Handrail	PC-16	Metal	Dark blue	Stairway handrail west stairs	All handrails on stairways	4,300	No	N/A
Lockers	PC-17	Metal	Beige	2nd floor hallway, west center	2nd floor hallway	2,700	No	N/A

Page 4 of 4

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Inspection Date: 03/31/20 Report Date: 5/4/2020

Abatement Level: 0.8

Report No. S#01184 - 03/31/20 12:30

Total Readings: 48

Job Started: 03/31/20 12:30

Job Finished: 04/17/20 13:41

Read	L				Paint		Paint	Lead	
No.	Wall	Structure	Location	Member	Cond	Substrate	Color	(mg/cm^2)	Mode
Exte	rior R	oom 002 Hist Bl	 dg						
028	C	Window	Ctr	Sash	D	Wood	Tan	0.8	QM
027	С	Window	Ctr		D	Wood	Tan	4.1	QM
Inte	rior R	oom 001 Cafe Bl	 dg						
800	A	Wall	L Ctr		I	Ceramic	White	0.0	QM
009	A	Wall	L Ctr		I	Ceramic	Gray	-0.2	QM
010	A	Floor			I	Ceramic	Gray	-0.2	QM
006	A	Sink	Ctr		I	Ceramic	White	-0.2	QM
005	В	Wall	L Ctr		I	Ceramic	Gray	0.0	QM
013	D	Window Frame	Ctr	Rgt	I	Metal	White	0.0	QM
007	D	Sink	Ctr		I	Ceramic	White	-0.2	QM
011	D	Wall Fountain	Ctr		I	Ceramic	White	0.2	QM
012	D	Window Seal	Ctr		I	Wood	White	-0.1	QM
Inte	rior Ro	oom 002 Hist Bl	 dg						
023	A	Wall	L Ctr		I	Ceramic	Off-white	-0.1	QM
024	A	Floor			I	Ceramic	Tan	-0.2	QM
014	В	Wall	L Ctr		I	Ceramic	Gray	0.0	QM
015	В	Wall	L Ctr		I	Ceramic	Gray	-0.2	QM
016	В	Floor Sink	Ctr		I	Ceramic	White	-0.3	QM
017	В	Wall Fountain	Ctr		I	Ceramic	White	0.0	QM
025	C	Window	Ctr	Sash	I	Wood	White	1.6	QM
026	С	Window	Ctr	Lft casing	I	Wood	White	-0.1	QM
018	D	Wall	L Ctr	_	I	Ceramic	Off-white	0.0	QM
019	D	Wall	L Ctr		I	Ceramic	Tan	-0.2	QM
020	D	Window	Ctr	Lft casing	I	Metal	White	-0.1	QM
021	D	Locker	Ctr	3	I	Metal	Tan	-0.1	QM
022	D	Locker Frame	Ctr		I	Metal	Blue	0.8	QM
 Inte	rior R	oom 003 Gym Bld	 g						
032	A	Wall	L Ctr		I	Ceramic	Off-white	e -0.2	QM
036	A	Wall	L Ctr		I	Ceramic	White	-0.1	QM
030	A	Floor			I	Ceramic	Tan	-0.2	QM
031	A	Floor			I	Ceramic	White	-0.1	QM
037	A	Floor			I	Ceramic	Tan	-0.3	QM
038	A	Floor			I	Wood	Varnish	-0.1	QM
033	А	Lockers	Ctr		I	Metal	Off-white		QΜ
034	А	Lockers	Ctr		I	Metal	Off-white		QΜ
035	A	Water Fountai			I	Ceramic	Off-white		QМ
029	D	Wall	L Ctr		I	Ceramic	Off-white		QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR:

Inspection Date: 03/31/20 Report Date: 5/4/2020 Abatement Level: 0.8

S#01184 - 03/31/20 12:30 Report No.

Total Readings:

48 03/ 03/31/20 12:30 04/17/20 13:41 Job Started: Job Finished:

Interior	Room	004	Drake	Pool

004

045 046 047

048

-1100	TOT 10	Oom oor brane r	001						
039	A	Wall	L Ctr		I	Ceramic	Off-whit	te -0.2	QM
042	A	Wall	L Ctr		I	Ceramic	Pink	-0.1	QM
040	A	Floor			I	Ceramic	Tan	-0.3	QM
043	A	Hand railing	Ctr	Railing	I	Metal	Gray	0.0	QM
041	Α	Pool Markers	Ctr		I	Ceramic	Blue	0.8	QM
044	A	Bleachers	Ctr		I	Wood	Blue	-0.1	QM
Calib	ratio	n Readings							
001								1.1	TC
002								0.8	QM
003								0.7	TC

1.3 TC 0.1 QM 1.4 QM

1.2 TC

TC

0.9

---- End of Readings ----

Appendix D

Laboratory Analytical: Lead

Project Number: SMSD-19-9289

Location: Santa Monica

Project Name: SAMOHI

Date Sampled: 3/25/2020

Total Samples: 17

Sampled By: Jorge Robles



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807

Attn: Greg Archung

Report Number: 2039393

Date Received: 3/27/2020
Date Analyzed: 4/1/2020
Date Reported: 4/1/2020

Date Reported: 4/1/2020

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)
2039393-001 PC-1	Paint Chip- History Bldg	0.1074	790
2039393-002 PC-2	Paint Chip- History Bldg	0.1070	110
2039393-003 PC-3	Paint Chip- History Bldg	0.1050	9000
2039393-004 PC-4	Paint Chip- History Bldg	0.1071	150
2039393-005 PC-5	Paint Chip- History Bldg	0.1092	690
2039393-006 PC-6	Paint Chip- History Bldg	0.1067	920
2039393-007 PC-7	Paint Chip- History Bldg	0.1056	9100
2039393-008 PC-8	Paint Chip- History Bldg	0.1003	100
2039393-009 PC-9	Paint Chip- History Bldg	0.1029	4000
2039393-010 PC-10	Paint Chip- History Bldg	0.1051	130
2039393-011 PC-11	Paint Chip- History Bldg	0.1017	110
2039393-012 PC-12	Paint Chip- History Bldg	0.1049	93



Report Number: 2039393

Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807

Attn: Greg Archung

Project Number: SMSD-19-9289
Project Name: SAMOHI
Location: Santa Monica

	Lead in Paint by Flame AAS				
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)		
2039393-013 PC-13	Paint Chip- History Bldg	0.1057	950		
2039393-014 PC-14	Paint Chip- History Bldg	0.1006	130		
2039393-015 PC-15	Paint Chip- History Bldg	0.1046	43000		
2039393-016 PC-16	Paint Chip- History Bldg	0.1053	4300		
2039393-017 PC-17	Paint Chip- History Bldg	0.1013	2700		

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

CA ELAP Cert #2823

Approved Signatory- Cristina E. Tabatt

deTabatt



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

(Lab) Order No.PLM: 2039392 Pb: 2039393

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Company	Alta Environmenta		Same Day □	Fedex	ы ву	Web		
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City/State/Zip	Long Beach, CA 90			USPS				
Contact		507	2 Day □ 3 Day ☑	Drop Off		4.7		
Office Phone	Grey Archurg		Children March 1997			Verbal		
Cell			5 Day	Drop Box		Mail		
Fax	-		Weekend	Other		Pick up		
Email			Special Instruction	ns:				
Email	greg arching@ AUS.	com						
		PROJECT	INFORMATION					
Project Name:	SAMOHI, HISTO		PO Number:		-			
Project Number:	SMO-19-9287	9	Work Order No.:		_			
Location:	Santa Morica		Sampled By:		Josep	10-110		
			campioa by.		Jorge	Roble	3	
PL		CM	MOLD	4.4.9.11		LEAD	(Pb)	_
PLM EPA 600/M4-			Spore Trap		Air		TTLC	
PLM 400 Pt. Coun			Tape Lift		Paint	Ė		
PLM 1000 Pt. Cou	int (<0.1%)		Bulk Sample	e 🗆	Wipe			
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ENVIRONMENTAL LABORATORIES

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

Company:	Alta Environmental			Analysis:				
Project Number Project Name:	TAMOHI	89		TAT:	Order No.	PLM: 2039392	P6:2039	393
SAMPLE ID	SAMPLE TYPE		LOCATION		Date Sampled	Start Time Stop Time	Avg	Volume (L)
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-20	Exterior window can/king							
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-22								
-23	3 Kiln rough plaster							
-24	,							
-25						19		
-26	Kiln brick							
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-29	Kiln insulation	7						
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ENVIRONMENTAL LABORATORIES

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

Company:	Alta Environmental		Analysis:		
Project Number:	SMSD-19-928	59	TAT:		
Project Name:	SAMOHI		(Lab) Order No.	PLM: 2039392 Pb:	0393
SAMPLE ID	SAMPLE TYPE	LOCATION		Start Time Avg	Volum
HB-31	Kiln Insulation	History Blo			(-)
- 32	Shed can / King	History Bld			
- 33					
-34	L				
-35	Dark Bine floor the				
-36					
-37	1				
-38	wallboard rallow/				
- 39			-14		
-40	1				
~41	Root sealant				
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PC-1	Paint Chip				
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Page 3 of 4

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

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Project Name: SAMPLE ID	SAMPLE TYPE	1000700	(Lab) C		PLM: 203939:	2/ 203	-
	SAWI LL TIFE	LOCATION		Date Sampled	Start Time Stop Time	Avg Flow Rate	Volur (L)
PC-8	Paint Chip	Itistory Blog		3/25/20			
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Page 4 of 4

Project Number: SMSD-19-9289

Location: Cafeteria, Gym & H127

Project Name: SAMOHI

Date Sampled: 4/3/2020

Sampled By: Randy Flores



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807

Attention: Greg Archung

Report Number: 2039632

Date Received: 4/22/2020
Date Analyzed: 4/27/2020

Date Reported: 4/27/2020 Total Samples: 29

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)
2039632-001 RF-PC-1	Paint Chip- Cafeteria	0.1053	1800
2039632-002 RF-PC-2	Paint Chip- Cafeteria	0.1070	100
2039632-003 RF-PC-3	Paint Chip- Cafeteria	0.1032	580
2039632-004 RF-PC-4	Paint Chip- Cafeteria	0.1003	< 50
2039632-005 RF-PC-5	Paint Chip- Cafeteria	0.1063	< 47
2039632-006 RF-PC-6	Paint Chip- Cafeteria	0.1001	350
2039632-007 RF-PC-7	Paint Chip- Cafeteria	0.1021	500
2039632-008 RF-PC-8	Paint Chip- Cafeteria	0.1002	< 50
2039632-009 RF-PC-9	Paint Chip- Cafeteria	0.1006	< 50
2039632-010 RF-PC-10	Paint Chip- Cafeteria	0.1034	1700
2039632-011 RF-PC-11	Paint Chip- Cafeteria	0.1023	68
2039632-012 RF-PC-12	Paint Chip- Cafeteria	0.1032	2000



Report Number: 2039632

Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807 Attention: Greg Archung Project Number: SMSD-19-9289
Project Name: SAMOHI

Location: Cafeteria, Gym & H127

Lead in Paint by Flame AAS				
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)	
2039632-013 RF-PC-13	Paint Chip- Cafeteria	0.1029	18000	
2039632-014 RF-PC-14	Paint Chip- South Gym/Drake Pool	0.1008	1300	
2039632-015 RF-PC-15	Paint Chip- South Gym/Drake Pool	0.1053	< 47	
2039632-016 RF-PC-16	Paint Chip- South Gym/Drake Pool	0.1084	950	
2039632-017 RF-PC-17	Paint Chip- South Gym/Drake Pool	0.1033	< 48	
2039632-018 RF-PC-18	Paint Chip- South Gym/Drake Pool	0.1018	< 49	
2039632-019 RF-PC-19	Paint Chip- South Gym/Drake Pool	0.1082	110	
2039632-020 RF-PC-20	Paint Chip- South Gym/Drake Pool	0.1047	120	
2039632-021 RF-PC-21	Paint Chip- South Gym/Drake Pool	0.1033	48	
2039632-022 RF-PC-22	Paint Chip- South Gym/Drake Pool	0.1065	500	
2039632-023 RF-PC-23	Paint Chip- H127	0.1026	110	
2039632-024 RF-PC-24	Paint Chip- H127	0.1035	< 48	
2039632-025 RF-PC-25	Paint Chip- H127	0.1024	56	
2039632-026 RF-PC-26	Paint Chip- H127	0.1060	27000	
2039632-027 RF-PC-27	Paint Chip- H127	0.1038	< 48	
2039632-028 RF-PC-28	Paint Chip- H127	0.1025	49	
2039632-029 RF-PC-29	Paint Chip- H127	0.1006	50	

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



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(Lab) Order No.	2039632	
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Company	Alta Environmental			tal	Same Day		Fedex		Web		
Address	3777 Long Beach Boulevard			1 Day		UPS		Email	W		
City/State/Zip	te/Zip Long Beach, CA 90807			2 Day		USPS	\Box	Fax			
Contact Greg Arching					3 Day	N	Drop Off	四	Verbal		
Office Phone 562/ 495-5777				5 Day		Drop Box		Mail			
Cell	562	562 936 8619			Weekend		Other		Pick up		-
Fax	562/ 495-5877				Special In	struction	ns:				
Email	Greg. Arc	hung	@ NV 8	5							
			-14	PROJECT	INFORMA	TION					
Project Name: SAMOH)					PO Number:						
Project Number: 5M SD-19-92 89					Work Order No.:						
Project Number: 5MSD-19-9289 Location: (sfeten's, Gym & H127					Sampled B	y:	_	Randy florer			
PLM PCM					MOLD				LEAD	(Pb)	
PLM EPA 600/M4-82-020				NIOSH 7400A □		Spore Trap				TTLC	
PLM 400 Pt. Count (<0.25%)				Tape Lift □			Paint	匝	STLC		
PLM 1000 Pt. Count (<0.1%)				Bulk Sample □ Wipe □ Soil □					TCLP		
SAMPLE TYPE SAMPLE TYPE				LOCATION			Date	Start Time	Avg	Volume	
							Sampled	Stop Time	Flow Rate	(L)	
PF-PC- Paint			45	C	a feteri q			1/2/20			
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1508 E. 33rd Street Signal Hill, CA 90755 562-206-2770 Tel 562-206-2773 Fax services@AQenvlabs.com



Company: Alta Environmental

Project Number: SMSD-19-9289

Analysis:

TAT:

SAM DHI 2039632 **Project Name:** (Lab) Order No. SAMPLE ID SAMPLE TYPE LOCATION Start Time Volume Sampled Stop Time Flow Rate RF-PC-11 Paint Chips Crfeli.a 12 13 Gym Prake Pool 14 15 16 17

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Page 2 of 2

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Lab Forms

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muestrow 4/22/20 0800

Appendix E

Alta Environmental Employee Certifications

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

Randolph J Flores



Certification No. 17-6019

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



STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL: CERTIFICATE TYPE: NUMBER: EXPIRATION DATE:

Lead Sampling Technician LRC-00004340 11/25/2020



Randolph flores

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

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



Jorge Robles

Certification No. __17-6028

Expires on ____11/14/20

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



STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL: CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:

Lead Sampling Technician

LRC-00003495

10/28/2020



Jorge Robles

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STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:

Lead Sampling Technician

LRC-00006242

5/8/2021

Carbany Becerril

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Certificate Of Completion

Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Carbany Becerril

ABIR0726190001N18984

David Wallach

Principal Instructor

7/26/2019

Course Start Date

7/26/2019

Course End Date

Mechael W. Home

Michael W. Horner **Training Director**

7/26/2019

Exam Date

7/26/2020

Expiration Date

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



NATEC International, Inc.

National Association of Training and Environmental Consulting

1100 Technology Circle- Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts

CAL-OSHA: Ph# (916) 574-2993

(916) 483-0572 Fax Notification Web: www.dir.ca.gov or calosha.com

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

Web: www.cdph.ca.gov/programs/CLPPB

SCAOMD:

Ph# (909) 396-3739 Fax#(909) 396~3342

BAAOMD: Ph# (415) 749-4762

NATEC International, Inc.

National Association of Training and Environmental Consulting

Anaheim, CA . Oakland, CA . Fresno, CA . Sacramento, CA

Asbestos · Lead · Mold · HAZWOPER

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

NATEC International, Inc.

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

This Card Acknowledges That Carbany Becerril

Holds Training Certification For Asbestos Building Inspector Refresher Course

Expiration: 7/26/2020

7/26/2019

Certificate No.

Michael W. Homer

Training Director

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

Gregory R Archung



Certification No. 92-0041

Expires on 06/17/20

This certification was issued whe Division of Occupational Selections of Health as authorized by Sections 7 and 164 and the Business and Professions Code.



STATE OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:

Lead Inspector/Assessor Lead Project Designer Lead Project Monitor LRC-00003412 LRC-00003413 LRC-00003411 11/7/2020 11/7/2020

11/7/2020

Gregory Archung

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Appendix F

Previous Survey:

Alta Asbestos and Lead Survey HVAC Project Report Dated February15, 2018
ATC Hazardous Material Survey Report of Santa Monica HS Dated July 1, 2009
CTL Environmental 2006
Cape Environmental 1993



HAZARDOUS MATERIALS SURVEY REPORT OF

SANTA MONICA HIGH SCHOOL SANTA MONICA-MALIBU UNIFIED SCHOOL DISTRICT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405

ATC PROJECT NO. 52.25526.0002 JULY 1, 2009

Prepared by:

ATC Associates Inc. 25 Cupania Circle Monterey Park, California 91755 Phone: (323) 517-9780

Fax: (323) 517-9781

Prepared for:

Ms. Rashmi Menon Project Manager Santa Monica-Malibu Unified School District c/o Parsons 12100 Wilshire Boulevard Los Angeles, California 90025

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1.0 INTRODUCTION

ATC Associates Inc. (ATC) was retained by Santa Monica-Malibu Unified School District (SMMUSD) to conduct a hazardous material survey of Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California. The purpose of the project was to determine the presence of hazardous materials in the school and to facilitate the development of abatement specifications and the eventual removal of the hazardous material that will be impacted or disturbed prior to the modernization/demolition activities.

The scope of the project was to identify any accessible suspect asbestos-containing materials (ACM), lead-containing materials, and other hazardous materials including devices containing mercury, equipment containing polychlorinated biphenyls (PCBs), equipment containing chlorofluorocarbons (CFCs) and/or hydrochlorofluorocarbons (HCFCs), fluorescent light tubes, and other miscellaneous hazardous materials, at the above-referenced site.

This hazardous materials survey was conducted on May 4, 2009 through May 22, 2009 by the following State of California Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC), Certified Site Surveillance Technician (CSST), and California Department of Public Health (DPH) Certified Lead-Related Construction Inspector/Assessor (LRCIA) staff:

Mr. Paul Cota (CAC #06-3978) and (LRCIA #14316)
Mr. Damon Carrier (CSST #01-2954) and (LRCIA #19034)
Mr. Robert De La Torre (CSST #00-2837) and (LRCIA #14598)
Mr. Gary Brockway (CSST #06-4120)
Mr. Navid Yoosefia (CAC #08-4457)

Prior to this hazardous materials survey, ATC was provided with the following asbestos report for Edison Elementary School.

- <u>Comprehensive Asbestos Survey Project Record</u>, prepared by CTL Environmental Services (CTL), dated June 7, 2008.
- Exterior Lead Based Paint Survey Project Record, prepared by CTL Environmental Services (CTL), dated January 10, 2007.

All field work and report preparation was performed under the direction and guidance of Mr. Paul Cota (Project Manager) and reviewed by Mr. Stephen Drengson (CAC #06-3975 and LRCIA #2895).

2.0 ASBESTOS

2.1 Sampling Methodology and Analysis

ATC typically surveys buildings in teams of two, one person documenting the proceedings of the survey, the other performing bulk sampling and other miscellaneous activities. The team performs a preliminary visual inspection of the building impacted to identify and quantify suspect ACM. A sampling strategy is then developed to provide representative sampling of the suspect ACM in accordance with the methods and procedures identified in the Asbestos Hazard Emergency Response Act (AHERA).

ATC field staff utilized semi-destructive sampling methods to collect samples of accessible suspect asbestos-containing building materials. Some areas of the buildings, e.g. occupied units, edges of roof, pipes, chases, etc. may not have been accessible at the time of the inspection.

Each sample is placed in a container; the container is sealed, labeled and placed in a storage bag. Samples are documented by entering the sample data on a bulk log, including a description of the material, sample number, location, condition, accessibility, friability, potential for damage, and quantity. Typically, the sample location is marked on an 8-1/2 x 11 inch not-to-scale floor plan. Throughout the process, special care is taken to prevent cross-contamination of the collected samples. Sampling equipment is cleaned after each sample is obtained. In addition, sample containers are placed directly beneath each sample location, when feasible, to collect any materials which may become dislodged during the sampling process. Any debris generated by the sampling is cleaned by wet-cleaning methods. Sample locations are appropriately repaired.

All bulk sample analysis is conducted by Polarized Light Microscopy (PLM) with dispersion staining as described in the "Method for the Determination of Asbestos in Bulk Building Materials" (EPA-600/R-93/116, July 1993). A suspect material is immersed in a solution of known refractive index and subjected to illumination of polarized light. The color displayed enables mineral identification. Quality control samples at a rate of 10% or one per project, whichever is greater, are reanalyzed by a second, independent analyst.

Please note, in California the abatement of materials with detectable quantities of asbestos - legally defined as materials containing percentages of asbestos greater than one-tenth of one percent (>0.1%) by area are defined as asbestos-containing construction material (ACCM) and regulated by the enforcement agency of the DOSH.

The amended National Emission Standard for Hazardous Air Pollutants (NESHAP), November 20, 1990, included a requirement that when the asbestos content of a bulk sample material is determined using procedures outlined and the asbestos content is estimated to be less than 10% by a method other than point counting, the parties legally responsible for a building (owner/operator) may (1) elect to assume the amount to be greater than 1% and treat the material as a regulated asbestos-containing material, or (2) require verification of the amount by the Point Counting method. The purpose of this procedure is to minimize false negative analysis (reporting the samples as containing less than 1% asbestos for asbestos-containing samples actually containing greater than 1%) and false positives (reporting the sample as containing greater than 1% asbestos). Point

Counting was included in NESHAP in response to an EPA study that found an unacceptable amount of false negative and false positive analyses by methods outlined in the interim method.

The samples were analyzed by Hygeia Laboratories, Inc. (Hygeia) located in Sierra Madre, California. Hygeia is certified by the State of California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) and accredited by the United States Department of Commerce National Institutes of Standards and Technology's (NIST) National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos bulk fiber analysis.

2.2 Results

ATC field technicians collected a total of sixty-nine (69) bulk asbestos samples for analysis by Polarized Light Microscopy (PLM) with dispersion staining. ATC performed a positive stop procedure for homogeneous materials with positive results for asbestos during the analysis process and analyzed only one sample of the material.

Material containing greater than one-tenth of one percent (>0.1%) asbestos by weight is considered positive in this report and defined as ACCM, as previously described above.

The following table details the materials sampled and the location from which the samples were collected during the current survey. Table I lists the asbestos bulk sampling results. Materials identified as ACM or ACCM are denoted in **bold**. The asbestos laboratory analytical report and asbestos sampling logs of the materials sampled during the field survey are included in Appendix A. Site sampling diagrams are included in Appendix C.

Table I – Asbestos Survey Results

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
001	Bldg T/ Floor 1/ Room T112A - Southwest	Duct seam mastic, white	NA	ND
002	Bldg T/ Floor 1/ Room T112A – Southwest	Duct seam mastic, white	NA	ND
003	Bldg T/ Floor 1/ Custodian Closet – Northeast	Duct seam mastic, white	NA	ND
004	Administration Bldg/ Floor 1/ Room 500 – South	Carpet mastic, black	2,795 SF	2% Chrysotile
005	Administration Bldg/ Floor 1/ Room 501 – East	Carpet mastic, black	R004	PS
006	Administration Bldg/ Floor 1/ Room 510 – South	Carpet mastic, black	R004	PS
007	Administration Bldg/ Floor 1/ Room 200 – East	2' x 4' Ceiling panel, white fissured	NA	ND
008	Administration Bldg/ Floor 1/ Room 200A – North	2' x 4' Ceiling panel, white fissured	NA	ND
009	Administration Bldg/ Floor 1/ Room 500 – South	2' x 4' Ceiling panel, white fissured	NA	ND

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
010	Administration Bldg/ Floor 1/ Mechanical Room	TSI pipe insulation, white	20 LF	5% Chrysotile 25% Amosite
011	Administration Bldg/ Floor 1/ Mechanical Room	TSI pipe insulation, white	R010	PS
012	Administration Bldg/ Floor 1/ Mechanical Room	TSI pipe insulation, white	R010	PS
013	Administration Bldg/ Floor 1/ Mechanical Room	Duct tape, brown	NA	ND
014	Administration Bldg/ Floor 1/ Mechanical Room	Duct tape, brown	NA	ND
015	Administration Bldg/ Floor 1/ Mechanical Room	Duct tape, brown	NA	ND
016	English Bldg/ Floor 1/ Room 103 – South	2' x 2' Ceiling panel, white fissured	NA	ND
017	English Bldg/ Floor 1/ Room 103 – East	2' x 2' Ceiling panel, white fissured	NA	ND
018	English Bldg/ Floor 1/ Room 103 – North	2' x 2' Ceiling panel, white fissured	NA	ND
019	English Bldg/ Floor 2/ Room 209A	2' x 4' Ceiling panel, white fissured	NA	ND
020	English Bldg/ Floor 2/ Room 209A	2' x 4' Ceiling panel, white fissured	NA	ND
021	English Bldg/ Floor 2/ Room 209A	2' x 4' Ceiling panel, white fissured	NA	ND
022	English Bldg/ South Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
023	English Bldg/ South Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
024	English Bldg/ North Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
025	Business Bldg/ Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
026	Business Bldg/ Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
027	Business Bldg/ Stairwell	Sheet flooring, gray & Mastic, yellow	NA	ND
028	Art Bldg/ Basement/ Mechanical Room – Center	Canvas pipe wrap, tan	NA	ND
029	Art Bldg/ Basement/ Mechanical Room – Center	Canvas pipe wrap, tan	NA	ND
030	Art Bldg/ Basement/ Mechanical Room – Center	Canvas pipe wrap, tan	NA	ND
031	Art Bldg/ Floor 2/ Storage #2 Attic Space – Center	TSI pipe run insulation, white	80 LF	3% Chrysotile 20% Amosite
032	Art Bldg/ Floor 2/ Storage #2 Attic Space – Center	TSI pipe run insulation, white	R031	PS
033	Art Bldg/ Floor 2/ Storage #2 Attic Space – Center	TSI pipe run insulation, white	R031	PS
034	Barnum Hall/ Balcony – North	Sheet flooring, green & Mastic, yellow	NA	ND

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
035	Barnum Hall/ Balcony – North	Sheet flooring, green & Mastic, yellow	NA	ND
036	Barnum Hall/ Balcony - South	Sheet flooring, green & Mastic, yellow	NA	ND
037	Cafeteria/ Crawlspace – North	TSI pipe insulation debris, white	100 SF	2% Chrysotile 20% Amosite
038	Cafeteria/ Crawlspace – North	15) pipe insulation debris, write R037		PS
039	Cafeteria/ Crawlspace – South	TSI pipe insulation debris, white	R037	PS
040	Cafeteria/ Floor 1/ Room C130 – South	Duct sealant, gray	NA	ND
041	Cafeteria/ Floor 1/ Room C130 – South	Duct sealant, gray	NA	ND
042	Cafeteria/ Floor 1/ Room C130 – South	Duct sealant, gray	NA	ND
043	Science Bldg/ Floor 1/ Hallway – West	12" x 12" Floor tile, purple & Mastic, yellow	NA	ND
044	Science Bldg/ Floor 1/ Hallway – West	12" x 12" Floor tile, purple & Mastic, yellow	NA	ND
045	Science Bldg/ Floor 1/ Hallway – Center	12" x 12" Floor tile, purple & Mastic, yellow	NA	ND
046	Administration Bldg/ Lower Level/ Room AD12B – Center	9" x 9" Floor tile, gray	30 SF	3% Chrysotile
047	Administration Bldg/ Lower Level/ Room AD12B – North	9" x 9" Floor tile, gray	R046	PS
048	Administration Bldg/ Lower Level/ Room AD12B – West	9" x 9" Floor tile, gray	R046	PS
049	Administration Bldg/ Lower Level/ Room AD12B – Center	Floor tile mastic, black (associated with 9" x 9" Floor tile, gray)	30 SF	5% Chrysotile
050	Administration Bldg/ Lower Level/ Room AD12B – North	Floor tile mastic, black (associated with 9" x 9" Floor tile, gray)	R049	PS
051	Administration Bldg/ Lower Level/ Room AD12B – West	Floor tile mastic, black (associated with 9" x 9" Floor tile, gray)	R049	PS
052	Language Bldg/Library/ Floor 1/ Room L103 – West	2' x 4' Ceiling panel, white fissured	NA	ND
053	Language Bldg/Library/ Floor 2/ Hallway – West	2' x 4' Ceiling panel, white fissured	NA	ND
054	Language Bldg/Library/ Floor 2/ Room L200 – North	2' x 4' Ceiling panel, white fissured	NA	ND
055	Language Bldg/Library/ Lower Stairwell	Sheet flooring, gray	NA	ND
056	Language Bldg/Library/ Upper Stairwell	Sheet flooring, gray	NA	ND

Sample #	Sampling Location Material Description		Approx. Quantity	Analysis Results
057	Language Bldg/Library/ Upper Stairwell	Sheet flooring, gray	NA	ND
058	South Gym/ Floor 2/ SG206 - Southeast	Carpet mastic, yellow/black	NA	ND
059	South Gym/ Floor 2/ SG206 – East	Carpet mastic, yellow/black	NA	ND
060	South Gym/ Floor 2/ SG206 – West	Carpet mastic, yellow/black	NA	ND
061	South Gym/ Floor 1/ SG113 – North	Carpet mastic, yellow	NA	ND
062	South Gym/ Floor 1/ SG113 - West	Carpet mastic, yellow	NA	ND
063	South Gym/ Floor 1/ SG113 - Northeast	Carpet mastic, yellow	NA	ND
064	North Gym/ Floor 1/ NG103 – Northwest	12" x 12" Floor tile, purple	NA	ND
065	North Gym/ Floor 1/ NG103 – Southeast	12" x 12" Floor tile, purple	NA	ND
066	North Gym/ Floor 1/ NG103 – Northeast	12" x 12" Floor tile, purple	NA	ND
067	North Gym/ Floor 1/ NG103 – Northwest	12" x 12" Floor tile, black (under 12" x 12" Floor tile, purple)	NA	ND
068	North Gym/ Floor 1/ NG103 – Southeast	12" x 12" Floor tile, black (under 12" x 12" Floor tile, purple)	NA	ND
069	North Gym/ Floor 1/ NG103 – Northeast	12" x 12" Floor tile, black (under 12" x 12" Floor tile, purple)	NA	ND
070	Music Bldg/ Floor 2/ Hallway	9" x 9" Floor tile, brown w/ white streaks	30 SF	3% Chrysotile
071	Music Bldg/ Floor 2/ Hallway	9" x 9" Floor tile, brown w/ white streaks	R070	PS
072	Music Bldg/ Floor 2/ Hallway	9" x 9" Floor tile, brown w/ white streaks	R070	PS
073	Music Bldg/ Floor 2/ Hallway	Floor tile mastic, black (associated with 9" x 9" Floor tile, brown w/ white streaks)	30 SF	5% Chrysotile
074	Music Bldg/ Floor 2/ Hallway	Floor tile mastic, black (associated with 9" x 9" Floor tile, brown w/ white streaks)	R073	PS
075	Music Bldg/ Floor 2/ Hallway	Floor tile mastic, black (associated with 9" x 9" Floor tile, brown w/ white streaks)	R073	PS
076	Music Bldg/ Floor 2/ M201A	9" x 9" Floor tile, beige w/ pink streaks	150 SF	3% Chrysotile
077	Music Bldg/ Floor 2/ M201B	9" x 9" Floor tile, beige w/ pink streaks	R076	PS
078	Music Bldg/ Floor 2/ M201C	9" x 9" Floor tile, beige w/ pink streaks	R076	PS
079	Music Bldg/ Floor 2/ M201A	Floor tile mastic, black (associated with 9" x 9" Floor tile, beige w/ pink streaks)	150 SF	5% Chrysotile

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
080	Music Bldg/ Floor 2/ M201B Floor tile mastic, black (associate with 9" x 9" Floor tile, beige w/ pin streaks)		R079	PS
081	Music Bldg/ Floor 2/ M201C	Floor tile mastic, black (associated with 9" x 9" Floor tile, beige w/ pink streaks)	R079	PS
082	Music Bldg/ Floor 2/ M105	12" x 12" Floor tile, light gray	NA	ND
083	Music Bldg/ Floor 2/ M105A	12" x 12" Floor tile, light gray	NA	ND
084	Music Bldg/ Floor 2/ M105B	12" x 12" Floor tile, light gray	NA	ND
085	Music Bldg/ Floor 2/ M105	Floor tile mastic, yellow (associated with 12" x 12" Floor tile, light gray)	NA	ND
086	Music Bldg/ Floor 2/ M105A	Floor tile mastic, yellow (associated with 12" x 12" Floor tile, light gray)	NA	ND
087	Music Bldg/ Floor 2/ M105B	Floor tile mastic, yellow (associated with 12" x 12" Floor tile, light gray)	NA	ND

ND = None Detected SF = Square Feet NA = Not Applicable LF = Linear Feet

PS = Positive Stop R000 = Refer to Sample 000

2.3 Conclusions and Recommendations

Based on the ATC survey results and previous CTL survey results, asbestos was identified in the materials listed in the following table (Table II). It should be assumed that any of the materials listed below if encountered within the building should be treated as ACM or ACCM.

Table II – Asbestos-Containing Materials and Quantities

Administration Building

Material Description	Location	Condition	Results	Quantity
Carpet mastic, black	Administration Bldg/ Rooms 500- 514	Good	2% Chrysotile	2,795 SF
TSI pipe insulation, white	Administration Bldg/ 210 Mechanical Room	Good	5% Chrysotile 25% Amosite	20 LF
9" x 9" Floor tile, gray & Mastic, black	Administration Bldg/ Lower Level/ Room AD12B	Damaged	3-5% Chrysotile	30 SF
Joint compound (above 1' x 1' Ceiling tile, random pin-hole)	Administration Bldg/ Rooms 401, 401 Closet and Restroom, 402, 405	Good	3% Chrysotile	2,300 SF
Floor tile mastic (associated with 9" x 9" Floor tile, tan)	Administration Bldg/ Room 300B	Good	3% Chrysotile	10 SF
9" x 9" Floor tile, brown & Mastic	Administration Bldg/ Electrical Room, Floor 1/ Room 101, Floor 3/ Room 300B, Floor 4/ Rooms 401 Closet, 405	Good	4% Chrysotile	300 SF

Material Description	Location	Condition	Results	Quantity
Floor tile, tan & Mastic (under carpet)	Administration Bldg/ Floor 1/ Room 102	Good	2-4% Chrysotile	100 SF
Floor tile mastic, black (associated with white Floor tile) (under carpet)	Administration Bldg/ Attendance Office, Lobby 2, Floor 2/ Rooms 201, 202, Floor 4/ Rooms 401-402, Floor 5/ Rooms 501-515	Good	2% Chrysotile	2,000 SF
Floor tile, brown & Mastic, black (under floor tile)	Administration Bldg/ Vikings Inn, Hallway 1-3, Floor 1/ Rooms 103A- F, Floor 2/ Rooms 200, 200A	Good	4-5% Chrysotile	3,300 SF
Carpet glue, gray & Mastic, black	Administration Bldg/ Lobby 1	Good	3% Chrysotile	450 SF
Exterior patching compound	Administration Bldg/ Exterior	Good	7% Chrysotile	60 LF
Window putty	Administration Bldg/ Exterior	Good	2% Chrysotile	150 LF

Art Building

Material Description	Location	Condition	Results	Quantity
TSI pipe run, white	Art Bldg/ Floor 2 Attic Space/ Throughout	Good	3% Chrysotile 20% Amosite	80 LF
TSI pipe elbow	Art Bldg/ Floor 2 Attic Space/ Throughout	Good	5% Chrysotile	10 EA
Window putty	Art Bldg/ Exterior	Good	<1% Chrysotile	150 LF
Cement panels	Art Bldg/ Basement/ Room 013A	Good	* Assumed	20 SF
Barrier paper	Art Bldg/ Exterior (below stucco walls)	Good	* Assumed	4,800 SF
Chalkboard mastic	Art Bldg/ Floor 1/ Rooms 101- 105	Good	* Assumed	200 SF
Corkboard mastic	Art Bldg/ Floor 1/ Rooms 101- 105	Good	* Assumed	200 SF

Barnum Hall

Material Description	Location	Condition	Results	Quantity
Electrical wire insulation	Barnum Hall/ Stage	Good	60% Chrysotile	10 LF
Light fixture gaskets	Barnum Hall/ Attic Space	Good	60% Chrysotile	10 LF
Window putty	Barnum Hall/ Exterior	Good	3% Chrysotile	200 LF
Ceiling tile & Mastic	Barnum Hall/ Basement/ Hallway 2, First Floor/ Elevator Lobby	Good	* Assumed	500 SF
Carpet glue (associated with carpet, gray)	Barnum Hall/ Basement/ Rooms 19-20	Good	* Assumed	300 SF
6" Covebase, black & Mastic	Barnum Hall/ Basement/ Rooms 19-20	Good	* Assumed	150 LF

Material Description	Location	Condition	Results	Quantity
Mural fire curtain	Barnum Hall/ Stage	Good	* Assumed	1,500 SF

Business Building

Material Description	Location	Condition	Results	Quantity
Window putty	Business Bldg/ Exterior	Good	<1% Chrysotile	1,000 LF
Barrier paper	Business Bldg/ Exterior	Good	* Assumed	14,000 SF
Chalkboard mastic	Business Bldg/ Basement/ Room 10, Floor 1/ Rooms 100, 106, 110- 111, 115, 120	Good	* Assumed	40 EA

Cafeteria

Material Description	Location	on Condition		Quantity	
TSI pipe insulation debris, white	Cafeteria/ Crawlspace	Significantly Damaged	2% Chrysotile 20% Amosite	100 SF (scattered)	
Joint compound	Cafeteria/ Throughout	Good	3% Chrysotile	13,000 SF	
Window putty	Cafeteria/ Exterior	Good	<1% Chrysotile	300 LF	
Freezer insulation	Cafeteria/ Freezer	Good	* Assumed	200 SF	

English Building

Material Description	Location	Condition Results		Quantity
Soffit plaster ceiling	English Bldg/ Floor 1/ Rooms E100- 101, E103, E109A-D, E113, E117, Hallway, Floor 2/ Rooms E200-201, E208, E210, E213, E215, E217, Hallway, Floor 3/ Room 302A, Hallway	Good	5% Chrysotile	14,000 SF
Chalkboard	English Bldg/ Floor 2/ Rooms E200- 201, E213, E215, E217	Good	* Assumed	40 EA

History Building

Material Description	Location	Condition Results		Quantity
Window putty	History Bldg/ Exterior	Good	<1% Chrysotile	5,500 LF
Soft rough plaster	History Bldg/ 1 st & 2 nd Floor Hallways	Good	3% Chrysotile	10,000 SF

Language/Library Building

Material Description	Location	Condition	ondition Results	
Exterior stucco	Language/Library Building/ Exterior	Good	2-3% Chrysotile	9,300 SF

Material Description	Location	Condition	Results	Quantity
Ceiling access panels	Language/Library Building/ Floor 1/ Rooms L104-116, Floor 2/ Rooms L204- 210	Good	3% Chrysotile	20 EA
9" x 9" Floor tile, beige	Language/Library Building/ Floor 1/ Rooms L108B, Floor 2/ Rooms L210C- D (under carpet)	Good	3-20% Chrysotile	3,000 SF
Floor tile mastic, black (associated with 12" x 12" Floor tile, blue speckled)	Language/Library Building/ Floor 2/ Room L208	Good	5% Chrysotile	1,000 SF
Floor tile mastic (associated with 12" x 12" Floor tile, white)	Language/Library Building/ 1 st & 2 nd Floor Hallways	Good	4% Chrysotile	400 SF
Floor tile mastic (associated with 12" x 12" Floor tile, dark gray speckled)	Language/Library Building/ 1 st & 2 nd Floor Hallways	Good	4% Chrysotile	1,500 SF
Floor tile mastic (associated with 12" x 12" Floor tile, light gray)	Language/Library Building/ Floor 1/ Rooms L117-118	Good	4% Chrysotile	1,700 SF
1' x 1' Ceiling tile & Glue	Language/Library Building/ 1 st & 2 nd Floor Hallways	Good	* Assumed	1,750 SF

Music Building

Material Description	Location	Condition	Results	Quantity	
9" x 9" Floor tile, brown w/ white streaks& Mastic, black	Music Bldg/ Floor 2/ Hallway	Good	3-5% Chrysotile	30 SF	
9" x 9" Floor tile, beige w/ pink streaks& Mastic, black	Music Bldg/ Floor 2/ M201A-C	Good	3-5% Chrysotile	150 SF	

North Gym

Material Description	Location	Condition Results		Quantity	
Plaster	North Gym/ Throughout	Good	<1% Chrysotile	15,750 SF	
9" x 9" Floor tile, light brown & Mastic	North Gym/ Floor 2/ NG206 Storage Room, NG210, East Hallway	Good	3-6% Chrysotile	600 SF	

Science Building

Material Description	Location	Condition	Results	Quantity
Exterior Stucco	Science Bldg/ Exterior	Good	2-3% Chrysotile	1,200 SF
Window putty	Science Bldg/ Exterior	Good	2-3% Chrysotile	11,000 LF

Material Description	Location	Condition	Results	Quantity
Floor tile mastic (associated with 12" x 12" Floor tile, blue)	Science Bldg/ Floor 1/ Rooms S103, S107	Good	<1% Chrysotile	1,600 SF
Floor tile mastic (associated with 12" x 12" Floor tile, gray)	Science Bldg/ Floor 1/ Rooms S101, S101C, Restrooms, S101P, S103	Good	<1% Chrysotile	2,400 SF
Chalkboards	Science Bldg/ Floor 2/ Rooms S200-205, S207	Good	* Assumed	24 EA

South Gym

Material Description Location		Condition	Results	Quantity
Plaster	South Gym/ Throughout	Good	<1% Chrysotile	15,750 SF

Technology Building

Material Description	Location	Condition	Results	Quantity
Exterior Stucco	Technology Bldg/ Exterior	Good	2-3% Chrysotile	18,000 SF
Chalkboard	Technology Bldg/ Rooms T100-113, Floor 2/ Rooms T200-219	Good	* Assumed	100 EA

SF = Square Feet

LF = Linear Feet

EA = Each

ATC observed the potential for the fire doors and chalkboards with mastic to be asbestos containing. Since destructive sampling was not authorized for the occupied buildings at the school, ATC recommends sampling fire doors, chalkboards, and any additional materials identified during preparation for the demolition project.

If additional suspect materials are observed by the contractor during demolition/modernization, the consultant should be notified and the presence of these materials should be verified. All materials listed above that will be impacted or disturbed by the scope of work should be removed and disposed of as ACM prior to any demolition/modernization activities.

Asbestos is a hazardous substance. Its condition, handling and disposal are regulated by Federal, State, and local agencies. ACMs and ACCMs generally do not pose a health threat unless the asbestos fibers are disturbed by renovation, construction or demolition and may become airborne and inhaled.

ATC understands that the Science Building and Technology Building are scheduled for demolition in the near future. ATC recommends that all ACMs and ACCMs be <u>removed</u> prior to the scheduled demolition. Contractors must use asbestos safe work practices when disturbing the material listed above.

Prior to the planned modernization activities, ATC recommends removal of the ACMs and ACCMs

^{* =} Materials assumed in this report are due to inaccessibility or to avoid damage to the material.

noted above that will be impacted or disturbed by the scope of work. Contractors must use asbestos safe work practices when disturbing the material listed above.

A building material is considered to be ACM if at least one sample collected from the homogeneous material shows asbestos present in an amount greater than one percent (>1%) by weight. Materials with less than one percent (<1%) asbestos are not regulated by the United States Environmental Protection Agency (USEPA) or Federal Occupational Safety and Health Administration (OSHA). However, the State of California, Division of Occupational Safety and Health (DOSH) does regulate materials with greater than one-tenth of one percent (>0.1%) by weight under California Code of Regulations (CCR) Title 8, Section 1529. These materials are considered ACCM.

If PLM results indicate a material to contain trace amounts of asbestos (<1%), the building owner may choose to treat this material as ACM or have the material analyzed using the 1000 point count method. If the point count analysis is used, this result will be used for reporting purposes.

Building occupants and contractors working in an area where asbestos is present must be informed of the type and location of ACM. Since these materials are going to be impacted during the planned building demolition, ATC recommends abatement of all identified ACM by a California licensed, certified and registered asbestos abatement contractor. Asbestos abatement must be performed in accordance with Federal and State Occupational Safety and Health Administration (OSHA and DOSH), and South Coast Air Quality Management District (SCAQMD) regulations.

DOSH also requires employers to implement specific work practices, which protect workers from airborne asbestos exposure. Building materials, which contain even low levels of asbestos (trace amounts), can potentially generate significant concentrations of airborne asbestos fibers when disturbed. Therefore, control measures should be instituted which adequately addresses worker health and safety during the planned demolition activities involving these materials.

3.0 LEAD-CONTAINING MATERIALS

3.1 Sampling Methodology and Analysis

ATC's field technicians conducted a visual inspection of the facility and observed all interior and exterior paint to be intact, with the exception of chipped or peeling paint observed in a few select areas. ATC's field staff utilized an X-Ray Fluorescence (XRF) Analyzer device as well as collected representative samples of suspect lead-based paint.

The lead testing was performed on-site using the XRF Analyzer on various surfaces, according to the procedures identified in Chapter 7 of the *Housing and Urban Development (HUD) Guidelines* for the Evaluation and Control of LBP in Housing, 1997 Revision, and the XRF-specific Performance Characteristic Sheet (PCS) methodology for the LPA-1 Lead Paint Analyzer.

LPA-1 Lead Paint Analyzer

The LPA-1 Lead Paint Analyzer is a complete lead paint analysis system, which quickly, accurately, and non-destructively measures the concentration of LBP on surfaces. The LPA-1 relies on the measurement of the K-shell X-rays to determine the amount of lead present in the painted surface. K-shell X-rays can penetrate many layers of paint and allow a good measurement of the lead content of paint to be made without being significantly affected by the thickness or number of layers of paint on the surface of the sample.

The LPA-1 has the ability to analyze and compute corrections for the differences in the energy spectrums relating to different substrates. This analysis of the energy spectrum means that the lead paint reading displayed on the instrument already accounts for any substrate effects and no correction is required by the operator. The LPA-1's field of view is limited to a depth of 3/8", deep enough to handle virtually all painted surfaces, but not prone to detect lead objects located behind the surface.

Upon arrival at the job site, a "calibration test" was performed to assure that the instrument was operating properly. A series of three calibrated readings were taken at the start of the survey, mid shift, and three more calibration check readings were taken near the end of the sampling sequence. Test measurements consisting of 30 seconds per measurement were taken the NIST Paint Film Standard (SRM No. 1332 & 1482) as required by the instrument's PCS. The individual readings and an average of the three readings were recorded and compared to standards.

Upon arrival at the job site, a "calibration test" was performed to assure that the instrument was operating properly. A series of three calibrated readings were taken at the start of the survey, mid shift, and three more calibration check readings were taken near the end of the sampling sequence. Test measurements were taken using the NIST Paint Film Standard (SRM No. 7016) as required by the instrument's PCS. The individual readings and an average of the three readings were recorded and compared to standards.

In all cases the instrument was functioning within the standard deviation as defined by the manufacturer and the PCS. All validation readings were recorded in a logbook, which accompanies the instrument. If for any reason the XRF does not pass the calibration procedures, it is ATC's policy to replace that instrument with an XRF that passes the above

criteria for calibration. HUD developed the PCS for use with the specific instrument used for testing.

The paint chip samples were analyzed by Hygeia Laboratories, Inc. (Hygeia) located in Sierra Madre, California. Hygeia is certified by the State of California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) and is accredited by the American Industrial Hygiene Association's (AIHA) Laboratory Quality Assurance Program for industrial hygiene and lead analysis.

3.2 XRF Survey Results

ATC field technicians obtained one thousand seven hundred and forty-seven (1,747) XRF readings. One thousand seven hundred (1,700) readings were taken throughout the interior and exterior of the building areas and forty-seven (47) readings were calibration checks.

The following table (Table III) represents the results of the XRF survey. The table only lists those materials analyzed and found to contain greater than or equal to 0.7 mg/cm2. (Los Angeles County Code definition of "dangerous level of lead-bearing substance"). The lead-based paint/materials XRF sampling logs of the materials sampled during the field survey are included in Appendix B. Site sampling diagrams are included in Appendix C.

Positive: An XRF reading is classified as positive if it is greater than or equal to 0.7 mg/cm².

Negative: An XRF reading is classified as negative if it is less than 0.7 mg/cm².

Table III - Positive XRF Survey Results

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
008	1.0	Intact	8 EA	Science Bldg/ Floor 1/ S107P	North	Window Frame	Metal	Blue
013	1.0	Intact	22 EA	Science Bldg/ Floor 1/ S107	North	Window Frame	Metal	Blue
021	1.0	Intact	15 EA	Science Bldg/ Floor 1/ S105	North	Window Frame	Metal	Blue
026	1.0	Intact	20 EA	Science Bldg/ Floor 1/ S103	North	Window Frame	Metal	White
029	8.1	Intact	1 EA	Science Bldg/ Floor 1/ S101C	East	Sink	Porcelain	White
032	1.0	Fair	5 EA	Science Bldg/ Floor 1/ S101A	North	Window Frame	Metal	Light Blue

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
035	1.0	Fair	27 EA	Science Bldg/ Floor 1/ S101	North	Window Frame	Metal	White
041	1.0	Intact	23 EA	Science Bldg/ Floor 1/ S100	South	Window Frame	Metal	Blue
044	1.0	Intact	21 EA	Science Bldg/ Floor 1/ S102	South	Window Frame	Metal	Blue
049	1.0	Intact	8 EA	Science Bldg/ Floor 1/ S102A	South	Window Frame	Metal	Blue
051	1.0	Intact	23 EA	Science Bldg/ Floor 1/ S104	South	Window Frame	Metal	Blue
063	1.0	Intact	7 EA	Science Bldg/ Floor 1/ S104B	South	Window Frame	Metal	Blue
066	1.0	Intact	18 EA	Science Bldg/ Floor 1/ S104C	West	Conduit	Metal	Blue
072	1.0	Fair	10 EA	Science Bldg/ Floor 1/ Hallway	South	Door Frame	Metal	Blue
082	1.0	Intact	21 EA	Science Bldg/ Floor 2/ S202	South	Window Frame	Metal	Blue
085	1.0	Intact	23 EA	Science Bldg/ Floor 2/ S204	South	Window Frame	Metal	Blue
092	1.0	Intact	5 EA	Science Bldg/ Floor 2/ S204A	South	Window Frame	Metal	Blue
104	1.0	Intact	12 EA	Science Bldg/ Floor 2/ S207	North	Window Frame	Metal	Blue
120	1.0	Intact	8 EA	Science Bldg/ Floor 2/ S201A	North	Window Frame	Metal	Blue
131	1.0	Intact	17 EA	Science Bldg/ Floor 2/ Hallway	North	Door Frame	Metal	Blue
155	1.0	Intact	1 EA	Technology Bldg/ Floor 1/ T105C	West	Door Frame	Metal	Blue
162	1.0	Intact	30 LF	Technology Bldg/ Floor 1/ Custodian Room	West	Water Pipe	Steel	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
163	9.4	Intact	1 EA	Technology Bldg/ Floor 1/ Custodian Room	West	Sink	Porcelain	White
337	1.0	Intact	1 EA	Business Bldg/ Floor 1/ B101	East	Door Frame	Metal	White
382	>9.9	Intact	1 EA	Business Bldg/ Floor 2/ B200	South	Sink	Porcelain	White
383	1.8	Intact	456 SF	Business Bldg/ Floor 2/ B202	South	Wall	Concrete	White
385	2.4	Intact	152 SF	Business Bldg/ Floor 2/ B202	North	Wall	Concrete	White
386	1.0	Intact	110 SF	Business Bldg/ Floor 2/ B204A	West	Wall	Plaster	White
389	2.4	Intact	1 EA	Business Bldg/ Floor 2/ B204A	Northeast	Cabinet	Wood	White
391	1.0	Fair	1 EA	Business Bldg/ Floor 2/ B204 Women's Restroom	North	Window Frame	Metal	White
392	1.0	Fair	1 EA	Business Bldg/ Floor 2/ B204 Women's Restroom	North	Window Casing	Concrete	White
399	1.0	Intact	270 SF	Business Bldg/ Floor 2/ B206	North	Wall	Concrete	White
401	>9.9	Intact	1 EA	Business Bldg/ Floor 2/ B206	South	Sink	Porcelain	White
408	1.0	Intact	200 SF	Business Bldg/ Floor 2/ B207	East	Wall	Plaster	White
414	1.0	Intact	1 EA	Business Bldg/ Floor 2/ B205	West	Sink	Porcelain	White
442	2.0	Intact	5 EA	History Bldg/ Floor 1/ H106	West	Window Casing	Wood	White
446	1.7	Intact	2 EA	History Bldg/ Floor 1/ H114	West	Window Casing	Wood	White
450	3.4	Intact	2 EA	History Bldg/ Floor 1/ H116	West	Window Casing	Wood	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
452	3.7	Intact	300 SF	History Bldg/ Floor 1/ H116	East	Wall	Plaster	White
457	1.5	Intact	4 EA	History Bldg/ Floor 1/ H120	West	Window Casing	Wood	White
491	3.3	Intact	4 EA	History Bldg/ Floor 1/ H103	East	Window Casing	Wood	White
498	1.3	Intact	10 EA	History Bldg/ Floor 1/ H125	East	Window Casing	Wood	White
511	1.8	Intact	60 SF	History Bldg/ Floor 1/ H111	Center	Floor Tile	Ceramic	White
514	2.3	Fair	20 SF	History Bldg/ Stairway Landing	East	Window Frame	Wood	White
516	1.6	Intact	5 EA	History Bldg/ Floor 2/ H203	East	Window Casing	Wood	White
533	1.3	Intact	2 EA	History Bldg/ Floor 2/ H209	East	Window Casing	Wood	White
537	3.3	Intact	4 EA	History Bldg/ Floor 2/ H213	East	Window Casing	Wood	White
541	1.0	Intact	5 EA	History Bldg/ Floor 2/ H215	East	Window Casing	Wood	White
552	3.1	Intact	4 EA	History Bldg/ Floor 2/ H216	West	Window Casing	Wood	White
555	5.3	Intact	4 EA	History Bldg/ Floor 2/ H214	West	Window Casing	Wood	White
559	3.9	Intact	1 EA	History Bldg/ Floor 2/ H212	West	Window Casing	Wood	White
568	4.2	Intact	4 EA	History Bldg/ Floor 2/ H210	West	Window Casing	Wood	White
571	1.3	Intact	4 EA	History Bldg/ Floor 2/ H208	West	Window Casing	Wood	White
574	6.2	Intact	1 EA	History Bldg/ Floor 2/ H206	West	Window Casing	Wood	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
577	3.4	Intact	250 SF	History Bldg/ Floor 2/ H206	South	Wall	Drywall	White
580	2.4	Intact	4 EA	History Bldg/ Floor 2/ H204	West	Window Casing	Wood	White
584	2.0	Intact	4 EA	History Bldg/ Floor 2/ H202	West	Window Casing	Wood	White
601	0.9	Intact	330 SF	History Bldg/ Basement/ H023	West	Wall	Concrete	Green
619	6.2	Intact	600 SF	Administration Bldg/ Basement/ A015	West	Wall	Concrete	White
620	6.3	Intact	200 SF	Administration Bldg/ Basement/ A013	South	Wall	Concrete	White
621	6.3	Intact	2 EA	Administration Bldg/ Basement/ A015	Center	Support Column	Concrete	White
622	6.2	Intact	5 EA	Administration Bldg/ Basement/ A015	Center	Ceiling Beam	Concrete	White
624	7.4	Fair	6 EA	Administration Bldg/ Basement/ A013	Center	Ceiling Beam	Concrete	White
625	6.9	Intact	2 EA	Administration Bldg/ Basement/ A013	Center	Support Column	Concrete	White
633	3.4	Intact	3 EA	Administration Bldg/ Basement/ A012	Center	Support Column	Concrete	White
636	3.5	Intact	200 SF	Administration Bldg/ Basement/ A010	North	Wall	Concrete	White
646	2.9	Intact	3 EA	Administration Bldg/ Floor 1/ A103	East	Window Casing	Wood	White
648	2.9	Intact	1 EA	Administration Bldg/ Floor 1/ A103	Center	Support Column	Concrete	White
649	5.9	Intact	12 SF	Administration Bldg/ Floor 1/ A103	South	Window Sill	Wood	White
651	3.0	Intact	2 EA	Administration Bldg/ Floor 1/ Storage Room 1	South	Window Casing	Wood	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
658	2.4	Intact	1 EA	Administration Bldg/ Floor 1/ A105	Center	Support Column	Concrete	White
663	2.0	Intact	2 EA	Administration Bldg/ Floor 1/ A102	North	Window Casing	Wood	White
675	2.0	Intact	15 LF	Administration Bldg/ Floor 1/ A101C	East	Basecove	Ceramic	White
677	6.8	Intact	2 EA	Administration Bldg/ Floor 1/ Storage Room 3	North	Window Casing	Wood	White
680	3.6	Intact	3 EA	Administration Bldg/ Floor 1/ A101	East	Window Casing	Metal	White
682	3.8	Intact	1 EA	Administration Bldg/ Floor 1/ A101	Center	Support Column	Concrete	White
698	1.0	Intact	675 SF	English Bldg/ Floor 1/ E113	West	Wall	Concrete	White
711	1.0	Intact	350 SF	English Bldg/ Floor 1/ E105	South	Wall	Concrete	Green
712	1.0	Intact	8 LF	English Bldg/ Floor 1/ E105	South	Wall Trim	Wood	Green
720	1.3	Intact	1 EA	English Bldg/ Floor 1/ E100	East	Chalkboard Frame	Wood	White
729	1.0	Intact	25 SF	English Bldg/ Floor 1/ E104A	North	Wall	Concrete	Green
730	1.0	Intact	1 EA	English Bldg/ Floor 1/ E104A	West	Door Frame	Wood	Blue
743	1.7	Intact	1 EA	English Bldg/ Floor 1/ E110A	South	Sink	Porcelain	White
750	2.2	Intact	2 EA	English Bldg/ Floor 1/ Hallway	Southwest	Electrical Box	Metal	White
752	2.0	Intact	400 EA	English Bldg/ Floor 1/ Hallway	East	Locker Door	Metal	Brown
755	1.7	Intact	1 EA	English Bldg/ South Stairwell	North	Bulletin Board Frame	Wood	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
799	2.5	Intact	20 LF	English Bldg/ Floor 2/ 203A	West	Wall Trim	Wood	White
804	3.2	Intact	45 LF	English Bldg/ Floor 2/ 201	West	Bulletin Board Trim	Wood	White
819	2.0	Intact	400 EA	English Bldg/ Floor 2/ Hallway	East	Locker Door	Metal	Brown
868	>9.9	Intact	1 EA	Language Bldg/ Floor 1/ L109B	North	Sink	Porcelain	White
944	>9.9	Intact	1 EA	Language Bldg/ Floor 2/ L207B	North	Sink	Porcelain	White
957	>9.9	Intact	1 EA	Language Bldg/ Floor 2/ L210D	East	Sink	Porcelain	White
960	4.1	Intact	1 EA	Language Bldg/ Floor 2/ L210A	West	Sink	Porcelain	White
1001	>9.9	Intact	9 EA	Cafeteria/ Floor 1/ C120 Kitchen	Center	Floor Drain	Porcelain	White
1049	9.7	Intact	4 EA	South Gym/ Floor 1/ SG120	North	Sink	Porcelain	White
1058	1.3	Intact	1 EA	South Gym/ West Hallway	West	Door Frame	Metal	Blue
1059	1.2	Intact	55 SF	South Gym/ West Hallway	West	Bulletin Board	Wood	White
1107	1.0	Intact	2 EA	South Gym/ Floor 2/ SG205	West	Door Frame	Metal	White
1112	1.0	Intact	1 EA	South Gym/ Floor 2/ SG206	South	Door Frame	Metal	White
1113	1.0	Intact	1 EA	South Gym/ Floor 2/ SG206A	East	Door Frame	Metal	White
1145	1.7	Fair	400 SF	North Gym/ Floor 1/ NG164	South	Wall	Plaster	White
1151	2.6	Intact	100 SF	North Gym/ Floor 1/ NG160	North	Wall	Concrete	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
1154	5.1	Intact	100 SF	North Gym/ Floor 1/ NG140 Hallway	West	Wall	Plaster	White
1160	3.2	Intact	300 LF	North Gym/ Floor 1/ NG140	North	Rail	Metal	Blue
1162	1.0	Intact	1 EA	North Gym/ Floor 1/ NG140	North	Cage	Metal	White
1168	3.4	Intact	300 LF	North Gym/ Floor 1/ NG140	South	Rail	Metal	Blue
1172	>9.9	Intact	40 LF	North Gym/ Floor 1/ NG145	South	I-Beam	Metal	Yellow
1175	0.7	Fair	2 EA	North Gym/ Floor 1/ NG145	North	Door	Metal	White
1261	1.0	Fair	1 EA	North Gym/ Floor 1/ NG115	East	Sink	Porcelain	White
1263	1.3	Intact	1 EA	North Gym/ Floor 1/ NG115	North	Door	Wood	White
1275	1.0	Intact	20 LF	North Gym/ Basement/ NG15 Storage	North	Water Pipe	Metal	White
1277	1.0	Intact	1 EA	North Gym/ Basement/ NG15 Storage	East	Door Frame	Metal	White
1308	1.5	Intact	15 EA	North Gym/ Floor 2/ NG201A	East	Locker	Metal	Blue
1318	0.7	Intact	4 EA	North Gym/ Floor 2/ Coach's Office	East	Door	Wood	White
1336	4.9	Intact	30 LF	North Gym/ Floor 2/ NG211	East	Basecove	Ceramic	Green
1337	>9.9	Intact	1 EA	North Gym/ Floor 2/ NG211	North	Urinal	Porcelain	White
1339	>9.9	Intact	1 EA	North Gym/ Floor 2/ NG211	West	Sink	Porcelain	White
1343	6.5	Intact	30 LF	North Gym/ Floor 2/ NG212	North	Basecove	Ceramic	Green

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
1345	>9.9	Intact	1 EA	North Gym/ Floor 2/ NG212	West	Sink	Porcelain	White
1355	1.0	Fair	1 EA	North Gym/ Floor 1/ NG150	East	Door	Metal	Brown
1367	1.0	Intact	43 EA	Pool Bldg/ Floor 1/ P111	South	Locker	Metal	Blue
1404	>9.9	Intact	2 EA	Barnum Hall/ Basement / Room 2	West	Sink	Porcelain	White
1407	>9.9	Intact	2 EA	Barnum Hall/ Basement / Room 6	West	Sink	Porcelain	White
1418	0.7	Intact	20 LF	Barnum Hall/ Basement/ Room 10	Center	Conduit	Metal	White
1437	1.4	Intact	40 LF	Barnum Hall/ North Stairwell	East	Handrail	Metal	Orange
1455	0.7	Intact	1 EA	Barnum Hall/ Floor 1/ Lobby	East	Door Frame	Wood	Blue
1464	1.0	Intact	10 LF	Barnum Hall/ Floor 1/ Men's Restroom	East	Handrail	Metal	Orange
1465	1.6	Intact	1 EA	Barnum Hall/ Floor 1/ Men's Restroom	South	Window Casing	Metal	Green
1469	1.0	Intact	1 EA	Barnum Hall/ Floor 1/ Women's Restroom	East	Window Casing	Metal	Green
1474	>9.9	Intact	20 SF	Barnum Hall/ Balcony	East	Wall	Ceramic	Yellow
1475	7.0	Intact	1 EA	Barnum Hall/ Balcony	East	Sink	Porcelain	Beige
1483	2.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Men's Restroom	East	Door	Wood	Green
1484	0.7	Intact	1 EA	Barnum Hall/ Mezzanine/ Men's Restroom	East	Door Frame	Wood	Blue
1485	>9.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Janitor Closet	South	Sink	Cast Iron	White

Sample #	XRF Results (mg/cm2)	Condition of Paint	Approx. Qty	Building/ Floor/ Room/ Area	Location	Surface	Substrate	Color
1487	1.7	Intact	1 EA	Barnum Hall/ Mezzanine/ Janitor Closet	North	Door	Wood	Tan
1488	1.7	Intact	1 EA	Barnum Hall/ Mezzanine/ Janitor Closet	North	Door Frame	Wood	Tan
1491	1.0	Intact	2 EA	Barnum Hall/ Mezzanine/ Storage	North	Shelf	Wood	Tan
1492	2.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Storage	South	Door	Wood	Tan
1493	1.0	Intact	1 EA	Barnum Hall/ Mezzanine/ Storage	South	Door Frame	Wood	Tan
1499	2.3	Intact	150 SF	Barnum Hall/ Mezzanine/ Women's Restroom	Center	Floor	Concrete	Tan
1500	2.9	Intact	1 EA	Barnum Hall/ Mezzanine/ Women's Restroom	East	Door	Wood	Green
1501	1.0	Intact	1 EA	Barnum Hall/ Mezzanine/ Women's Restroom	East	Door Frame	Wood	Green
1503	2.3	Intact	10 EA	Barnum Hall/ Balcony	North	Door	Wood	Orange
1511	1.0	Intact	2 EA	Barnum Hall/ Balcony / Lighting Room	North	Window Casing	Metal	Green
1513	1.3	Intact	12 LF	Barnum Hall/ Balcony / Lighting Room	South	Handrail	Metal	Orange
1608	1.0	Intact	3 EA	Administration Bldg/ Floor 2/ AD 205	South	Window Casing	Wood	White
1648	1.5	Intact	2 EA	Administration Bldg/ Floor 2/ Hallway	North	Display Frame	Metal	Yellow
1692	>9.9	Intact	1 EA	Administration Bldg/ Floor 1/ AD 104	West	Sink	Cast Iron	White

EA = Each

SF = Square Feet

LF = Linear Feet

3.3 Laboratory Analysis Results

ATC field technicians also collected a total of thirty-eight (38) paint-chip samples for analysis of lead content. The samples were submitted to Hygeia for analysis by Flame Atomic Absorption Spectrophotometry (Flame AAS) in accordance with EPA Method 7420 analytical protocol.

The following table (Table IV) represents the results of the paint chip analysis via Flame AAS. Samples found to contain lead-based paint are denoted in **bold**. Samples that contain detectable levels of lead are denoted with an asterisk. The Lead Laboratory Analytical Report of the materials sampled during the field survey is included in Appendix B. Site sampling diagrams are included in Appendix C.

Table IV - Lead-Based Paint Bulk Sample Survey Results

Sample #	Building/ Floor	Location	Surface	Substrate	Color	Results (ppm)
001	Science Bldg/ Floor 1	Room S107P	Window Frame	Metal	Blue	860*
002	Science Bldg/ Floor 2	Room 204A	Window Frame	Metal	Blue	<120
003	Science Bldg/ Floor 1	Room 101A	Window Frame	Metal	Light Blue	2,969*
004	Technology Bldg/ Floor 1	Room T105C	Door Frame	Metal	Blue	2,212*
005	Technology Bldg/ Floor 1	Janitor/Custodian Room	Water Pipe	Metal	White	<120
006	Business Bldg/ Floor 1	Room B101	Door Frame	Metal	White	<120
007	Business Bldg/ Floor 1	Room B204A	Wall	Plaster	White	32,140
008	Business Bldg/ Floor 1	Room B204 Women's Restroom	Window Casing	Concrete	White	4,359*
009	Business Bldg/ Floor 1	Room B204 Women's Restroom	Window Frame	Metal	White	3,211*
010	Business Bldg/ Floor 1	Room B206	Wall	Concrete	White	<120
011	History Bldg/ Floor 1	Room H119	Window Sill	Metal	White	428*
012	History Bldg/ Floor 1	Room 117RR	Window Casing	Concrete	White	<120
013	History Bldg/ Floor 1	Room 215	Window Casing	Metal	White	1,917*
014	History Bldg/ Floor 1	Room B023	Wall	Concrete	Green	1,024*
015	History Bldg/ Floor 1	Basement Hall	Wall	Concrete	White	1,079*
016	English Bldg/ Floor 1	Room E113	Wall	Concrete	White	<120

Sample #	Building/ Floor	Location	Surface	Substrate	Color	Results (ppm)
017	English Bldg/ Floor 1	Room E105	Wall	Concrete	Green	19,460
018	English Bldg/ Floor 1	Room E105	Wall Trim	Wood	Green	21,210
019	English Bldg/ Floor 1	Room E104A	Door Frame	Wood	Blue	10,600
020	English Bldg/ Floor 1	Room E210	Wall	Concrete	White	<120
021	Language Bldg/ Floor 1	Room L109	Door	Wood	Yellow	<120
022	Language Bldg/ Floor 1	Room L112	Door	Wood	Yellow	<120
023	Cafeteria/ Floor 1	Serving Area	Wall	Wood	White	817*
024	South Gym/ Floor 1	Room SG101	Wall	Wood	White	<120
025	South Gym/ Floor 1	Room SG205	Door Frame	Metal	White	1,715*
026	South Gym/ Floor 1	Room SG206	Door Frame	Metal	White	<120
027	North Gym/ Floor 1	Room NG146	Mirror Trim	Metal	White	<120
028	North Gym/ Floor 1	Room NG140	Cage Fencing/ Posts	Metal	White	232*
029	North Gym/ Floor 1	Room NG115	Equipment Hanger	Wood	White	<120
030	North Gym/ Floor 1	Room NG112	Cabinet	Metal	Gray	1,069*
031	North Gym/ Basement	Room NG15 Storage	Water Pipe	Metal	White	1,087*
032	North Gym/ Floor 1	Room P150	Door	Metal	Brown	38,010
033	Pool Bldg/ Floor 1	Room P111	Locker	Metal	Blue	<120
034	Barnum Hall/ Floor 1	Lobby Boys Restroom	Hand Rail	Metal	Orange	<120
035	Barnum Hall/ Floor 1	Janitor Closet	Wall	Concrete	Tan	824*
036	Barnum Hall/ Floor 1	Storage Room	Shelf	Wood	Tan	10,050
037	Barnum Hall/ Floor 1	Balcony Girls Restroom	Door Frame	Wood	Green	19,870
038	Administration Bldg/ Floor 1	Room AD205	Window Casing	Wood	White	<120

ppm = Parts per Million

Bold = Lead-Based Paint: concentration greater than or equal to 0.5% lead by weight or 5,000 milligrams per kilogram (mg/kg) or parts per million (ppm) total lead.

^{* =} Lead-containing coating: concentration above detection limit

3.4 Conclusions and Recommendations

Based on the ATC survey results, the lead-containing materials listed below in the table (Table V) meet the definition of lead-based paint. The California Department of Public Health (DPH) (as defined in Title 17 California Code of Regulations) and United States Department of Housing and Urban Development (HUD) define lead-based paint (LBP) as paints containing greater than 1.0 mg/cm², as well as, paints containing greater than or equal to 0.5% lead by weight or 5,000 milligrams per kilogram (mg/kg) or parts per million (ppm) total lead. Paint containing less than these amounts is generally termed "lead-containing paint" (LCP).

Table V – Lead-Containing Materials and Quantities

Administration Building

Matarial Description	Location	0	Ourantitus
Material Description	Location	Condition	Quantity
Cast Iron Sink, white	Administration Bldg/ Floor 1/ Room AD 104	Intact	1 EA
Ceramic Basecove, white	Administration Bldg/ Floor 1/ Room A101C	Intact	15 LF
Concrete Ceiling Beam, white	Administration Bldg/ Basement/ Rooms A013, A015	Fair	11 EA
Concrete Support Column, white	Administration Bldg/ Basement/ Rooms A012, A013, A015, Floor 1/ Rooms A101, A103, A105	Intact	10 EA
Concrete Wall, white	Administration Bldg/ Basement/ Rooms A010, A013, A015	Intact	1,000 SF
Metal Display Frame, yellow	Administration Bldg/ Floor 2/ Hallway	Intact	2 EA
Metal Window Casing, white	Administration Bldg/ Floor 1/ Room A101	Intact	3 EA
Wood Window Casing, white	Administration Bldg/ Floor 1/ Rooms A102, A103, Storage Rooms 1 & 3, Floor 2/ Room AD 205	Intact	12 EA
Wood Window Sill, white	Administration Bldg/ Floor 1/ Room A103	Intact	12 SF

Barnum Hall

Material Description	Location	Condition	Quantity
Cast Iron Sink, white	Barnum Hall/ Mezzanine/ Janitor Closet	Intact	1 EA
Ceramic Wall, yellow	Barnum Hall/ Floor 2/ Balcony	Intact	20 SF
Concrete Floor, tan	Barnum Hall/ Mezzanine/ Women's Restroom	Intact	150 SF
Concrete Wall, tan	Barnum Hall/ Floor 1/ Janitor Closet	Peeling	40 SF
Metal Conduit, white	Barnum Hall/ Basement/ Room 10	Intact	20 LF
Metal Handrail, orange	Barnum Hall/ Balcony / Lighting Room, Floor 1/ Men's Restroom, North Stairwell	Intact	62 LF
Metal Window Casing, green	Barnum Hall/ Balcony / Lighting Room, Floor 1/ Men's & Women's Restroom	Fair	4 EA
Porcelain Sink, beige	Barnum Hall/ Floor 2/ Balcony	Intact	1 EA
Porcelain Sink, white	Barnum Hall/ Basement / Rooms 2, 6	Intact	4 EA
Wood Door Frame, blue	Barnum Hall/ Floor 1/ Lobby, Mezzanine/	Intact	2 EA

Material Description	Location	Condition	Quantity
	Men's Restroom		
Wood Door Frame, green	Barnum Hall/ Floor 1/ Balcony Girls Restroom, Mezzanine/ Women's Restroom	Intact	2 EA
Wood Door Frame, tan	Barnum Hall/ Mezzanine/ Janitor Closet, Storage	Intact	2 EA
Wood Door, green	Barnum Hall/ Mezzanine/ Men's & Women's Restroom	Intact	2 EA
Wood Door, orange	Barnum Hall/ Balcony	Intact	10 EA
Wood Door, tan	Barnum Hall/ Mezzanine/ Janitor Closet, Storage	Intact	2 EA
Wood Shelf, tan	Barnum Hall/ Floor 1/ Storage Room & Mezzanine/ Storage	Intact	2 EA

Business Building

Material Description	Location	Condition	Quantity
Concrete Wall, white	Business Bldg/ Floor 2/ Rooms B202, B206	Intact	878 SF
Concrete Window Casing, white	Business Bldg/ Floor 1/ Room B204 Women's Restroom	Peeling	1 EA
Metal Door Frame, white	Business Bldg/ Floor 1/ Room B101	Intact	1 EA
Metal Window Frame, white	Business Bldg/ Floor 1/ Room B204 Women's Restroom	Peeling	1 EA
Plaster Wall, white	Business Bldg/ Floor 1/ Room B204A, Floor 2/ B207	Peeling	310 SF
Porcelain Sink, white	Business Bldg/ Floor 2/ Rooms B200, B205, B206	Intact	3 EA
Wood Cabinet, white	Business Bldg/ Floor 2/ Room B204A	Intact	1 EA

Cafeteria

Material Description	Location	Condition	Quantity
Porcelain Floor Drain, white	Cafeteria/ Room C120 Kitchen	Intact	9 EA
Wood Wall, white	Cafeteria/ Floor 1/ Serving Area	Peeling	350 SF

English Building

Material Description	Location	Condition	Quantity
Concrete Wall, green	English Bldg/ Floor 1/ Rooms E104A, E105	Intact	375 SF
Concrete Wall, white	English Bldg/ Floor 1/ Room E113	Intact	675 SF
Metal Electrical Box, white	English Bldg/ Floor 1/ Hallway	Intact	2 EA
Metal Locker Door, brown	English Bldg/ Floor 1/ Hallway, Floor 2/ Hallway	Intact	800 EA
Porcelain Sink, white	English Bldg/ Floor 1/ Room E110A	Intact	1 EA
Wood Bulletin Board Frame, white	English Bldg/ South Stairwell	Intact	1 EA
Wood Bulletin Board Trim, white	English Bldg/ Floor 2/ Room 201	Intact	45 LF

Material Description	Location	Condition	Quantity
Wood Chalkboard Frame, white	English Bldg/ Floor 1/ Room E100	Intact	1 EA
Wood Door Frame, blue	English Bldg/ Floor 1/ Room E104A	Intact	1 EA
Wood Wall Trim, green	English Bldg/ Floor 1/ Room E105	Intact	8 LF
Wood Wall Trim, white	English Bldg/ Floor 2/ Room 203A	Intact	20 LF

History Building

Material Description	Location	Condition	Quantity
Ceramic Floor Tile, white	History Bldg/ Floor 1/ Room H111	Intact	60 SF
Concrete Wall, green	History Bldg/ Basement/ Room H023	Peeling	330 SF
Concrete Wall, white	History Bldg/ Floor 1/ Basement Hall	Intact	600 SF
Drywall Wall, white	History Bldg/ Floor 2/ Room H206	Intact	250 SF
Metal Window Casing, white	History Bldg/ Floor 1/ Room 215	Peeling	5 EA
Metal Window Sill, white	History Bldg/ Floor 1/ Room H119	Intact	35 LF
Plaster Wall, white	History Bldg/ Floor 1/ Room H116	Intact	300 SF
Wood Window Casing, white	History Bldg/ Floor 1/ Rooms H103, H106, H114, H116, H120, H125, Floor 2/ Rooms H202-204, H206, H208-210, H212-216	Intact	67 EA
Wood Window Frame, white	History Bldg/ Stairway Landing	Fair	20 SF

Language Building

Material Description	Location	Condition	Quantity
Porcelain Sink, white	Language Bldg/ Floor 1/ Room L109B, Floor 2/ Rooms L207B, L210A, L210D	Intact	4 EA

North Gym

Material Description	Location	Condition	Quantity
Ceramic Basecove, green	North Gym/ Floor 2/ Rooms NG211, NG212	Intact	60 LF
Concrete Wall, white	North Gym/ Floor 1/ Room NG160	Intact	100 SF
Metal Cabinet, gray	North Gym/ Floor 1/ Room NG112	Intact	2 EA
Metal Cage Fencing/ Posts, white	North Gym/ Floor 1/ Room NG140	Intact	1 EA
Metal Door Frame, white	North Gym/ Basement/ Room NG15 Storage	Intact	1 EA
Metal Door, brown	North Gym/ Floor 1/ Room NG150	Fair	1 EA
Metal Door, white	North Gym/ Floor 1/ Room NG145	Fair	2 EA
Metal I-Beam, yellow	North Gym/ Floor 1/ Room NG145	Intact	40 LF
Metal Locker, blue	North Gym/ Floor 2/ Room NG201A	Intact	15 EA
Metal Rail, blue	North Gym/ Floor 1/ Room NG140	Intact	300 LF
Metal Water Pipe, white	North Gym/ Basement/ Room NG15 Storage	Intact	20 LF

Material Description	Location	Condition	Quantity
Plaster Wall, white	North Gym/ Floor 1/ Rooms NG140 Hallway, NG164	Fair	500 SF
Porcelain Sink, white	North Gym/ Floor 1/ Room NG115, Floor 2/ Room NF211, NG212	Fair	3 EA
Porcelain Urinal, white	North Gym/ Floor 2/ Room NG211	Intact	1 EA
Wood Door, white	North Gym/ Floor 1/ Room NG115, Floor 2/ Coach Office	Intact	5 EA

Pool Building

Material Description	Location	Condition	Quantity
Metal Locker, blue	Pool Bldg/ Floor 1/ Room P111	Intact	43 EA

Science Building

Material Description	Location	Condition	Quantity
Metal Conduit, blue	Science Bldg/ Floor 1/ Room S104C	Intact	18 EA
Metal Door Frame, blue	Science Bldg/ Floor 1/ Hallway, Floor 2/ Hallway	Fair	27 EA
Metal Window Frame, blue	Science Bldg/ Floor 1/ Rooms S100, S102 S102A, S104, S104B, S105, S107, S107P, Floor 2/ Rooms S201A, S202, S204, S207	Intact	196 EA
Metal Window Frame, light blue	Science Bldg/ Floor 1/ Room 101A	Peeling	5 EA
Metal Window Frame, white	Science Bldg/ Floor 1/ Rooms S101, S103	Fair	47 EA
Porcelain Sink, white	Science Bldg/ Floor 1/ Room S101C	Intact	1 EA

South Gym

Material Description	Location	Condition	Quantity
Metal Door Frame, blue	South Gym/ West Hallway	Intact	1 EA
Metal Door Frame, white	South Gym/ Floor 2/ Rooms SG205, SG206, SG206A	Intact	4 EA
Porcelain Sink, white	South Gym/ Floor 1/ Room SG120	Intact	4 EA
Wood Bulletin Board, white	South Gym/ West Hallway	Intact	55 SF

Technology Building

Material Description	Location	Condition	Quantity
Porcelain Sink, white	Technology Bldg/ Floor 1/ Custodian Room	Intact	1 EA
Steel Water Pipe, white	Technology Bldg/ Floor 1/ Custodian Room	Intact	30 LF
Metal Door Frame, blue	Technology Bldg/ Floor 1/ Room T105C	Intact	1 EA

EA = Each

SF = Square Feet

LF = Linear Feet

Lead is a hazardous substance. Its condition, handling and disposal are regulated by Federal, State, and local agencies. Lead-containing materials, LBP and LCP generally do not pose a health

risk unless the material is disturbed or sufficiently deteriorated to produce dust, which may become airborne and inhaled or ingested.

Cal/OSHA regulations (8 CCR 1532.1 - Lead Construction Standard) do not provide a definition for "lead-based paint," but rather provide a Permissible Exposure Limit (PEL) for worker exposure to airborne lead particles of 50 micrograms per cubic meter of air (50 μ g/m³ for an 8-hour time-weighed average). The OSHA Lead Construction Standard also lists an Action Level of 30 μ g/m³ for an 8-hour time-weighted average. All employees (workers) and supervisors who are engaged in lead related construction and shown to be exposed to lead at or above the Permissible Exposure Limit shall be trained by state-accredited training providers and certified by the California Department of Public Health.

ATC understands that the Science Building and Technology Building are scheduled for demolition in the near future. ATC recommends that all lead-containing materials be <u>removed and/or stabilized</u> prior to the scheduled demolition. Contractors must use lead safe work practices when disturbing the material listed above.

If lead-containing material, LBP or LCP will be impacted by the scope of work (activities such as such as demolition, sanding, sand /shot blasting, chipping or any other method of surface preparation which may cause potential airborne lead concentrations to exceed the CAL/OSHA action level) during the building renovation, ATC recommends removal and/or stabilization of those building materials denoted above that will be disturbed during the upcoming modernization, as well as, other surfaces of similar substrate, color and condition. Contractor must use lead safe work practices when disturbing any of the materials listed above.

Work activities impacting the lead-containing materials pose a potential exposure risk for workers and/or building occupants. Workers trained in proper safety and respiratory techniques should perform work activities that may impact the LBP. All construction work where an employee may be occupationally exposed to lead must comply with CAL/OSHA requirements. This regulation requires initial employee exposure monitoring to evaluate worker exposure during work that disturbs lead-containing materials (lead present in detectable levels). Any disturbance to LBP surfaces or materials, such as demolition, sanding, sand /shot blasting, chipping or any other method of surface preparation which may cause potential airborne lead concentrations above current regulatory levels are prohibited by state law.

4.0 OTHER HAZARDOUS MATERIALS

ATC's field technicians conducted a visual inspection of the buildings for the presence of mercury in devices including thermostats and exterior flood lights, equipment containing Polychlorinated Biphenyls (PCBs) such as light ballasts, equipment containing chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs) such as air conditioning units and refrigerators, fluorescent light tubes and compact fluorescent lights, and other miscellaneous hazardous materials.

4.1 Devices Containing Mercury

ATC's field staff observed forty-three (43) thermostats and one hundred twenty (120) Mercury Vapor Lights (MVLs) throughout the interior and exterior of the facility.

Table VI – Mercury Locations and Quantities

Building	Material / Quantity
Administration Building	Thermostats – 14 MVLs – 7
Art Building	Thermostats – 0 MVLs – 2
Barnum Hall	Thermostats – 5 MVLs – 6
Business Building	Thermostats – 0 MVLs – 8
Cafeteria	Thermostats – 2 MVLs – 2
English Building	Thermostats – 0 MVLs – 4
History Building	Thermostats – 1 MVLs – 5
Language Building	Thermostats – 2 MVLs – 10
Music Building	Thermostats – 2 MVLs – 11
North Gym	Thermostats – 0 MVLs – 18
Pool Building	Thermostats – 3 MVLs – 0
Science Building	Thermostats – 1 MVLs – 19
South Gym	Thermostats – 0 MVLs – 3
Technology Building	Thermostats – 13 MVLs – 25
TOTAL	Thermostats – 43 MVLs – 120

Mercury is a heavy, shiny, silvery-white poisonous metal that is a liquid at room temperature. Liquid mercury evaporates at room temperature and gives off harmful, invisible, odorless vapors. Breathing these vapors causes the most harm to people, but mercury can also be harmful when swallowed or when it contacts broken skin. Mercury is quite toxic: it causes birth defects and works its way into the food chain. Women and children are most at risk from mercury poisoning, which can cause brain and nerve damage resulting in impaired coordination, blurred vision, tremors, irritability and memory loss.

Mercury is a fast-moving liquid that spreads quickly. Prompt containment and control of both the liquid and its vapors is very important. In general, do not remove the mercury from a device such as a switch.

All thermostats, if impacted or disturbed by the scope of work, should be kept intact, removed, and containerized in a manner that will prevent breakage, spillage, or release. Label and store the mercury-containing devices to ensure proper handling, transportation and disposal prior to demolition.

4.2 Equipment Containing Polychlorinated Biphenyls

ATC's field staff observed six thousand three hundred seventy-five (6,375) ballasts throughout the classrooms. All ballasts that potentially contain PCBs, if impacted or disturbed by the scope of work, should be closely inspected and removed prior to modernization/demolition.

Table VII - Ballast Locations and Quantities

Building	Quantity
Administration Building	220
Art Building	184
Barnum Hall	87
Business Building	543
Cafeteria	116
English Building	694
History Building	730
Language Building	922
Music Building	374
North Gym	414
Pool Building	84
Science Building	588
South Gym	389
Technology Building	1,030
TOTAL	6,375

PCBs are a family of chlorinated compounds that were dielectric or especially non-conductive. PCBs are oily liquids that are usually pale yellow to clear. PCBs are a family of chemicals manufactured and used in the United States until the late 1970's, which were mostly used in electrical devices like capacitors, transformers and lighting ballasts to protect their oils from breaking down at high temperatures. These substances are strictly regulated because of their toxicity and persistence in the environment.

PCBs continue to be a major source of fish contamination, leading to fish consumption advisories for people. Management of PCBs is based on their concentration in an item. Materials with PCB concentrations of 50 parts per million (ppm) or greater are regulated by the U.S. EPA under the Toxic Substances Control Act (TSCA).

All PCB light ballasts that will be impacted or disturbed by the scope of work should be kept intact, removed, and containerized in a manner that will prevent breakage, spillage, or release. Label and store the PCBs to ensure proper handling, transportation and disposal prior to modernization/demolition.

4.3 Equipment Containing Chlorofluorocarbons and Hydrochlorofluorocarbons

ATC's field staff observed one hundred seven (107) air conditioning units throughout the school facility. These units, if impacted or disturbed by the scope of work, may contain CFC's or HCFC's (Freon) and should be properly recovered prior to demolition or modernization activities.

Table VIII – Air Conditioning Unit Locations and Quantities

Building	Quantity
Administration Building	0
Art Building	4
Barnum Hall	1
Business Building	14
Cafeteria	1
English Building	18
History Building	28
Language Building	0
Music Building	5
North Gym	2
Pool Building	0
Science Building	0
South Gym	0
Technology Building	34
TOTAL	107

CFCs and HCFCs are man-made refrigerants that destroy the ozone layer. Federal laws also prohibit releases and also require recovery of these substances, as well as other refrigerants that are global warming gases or pose other health or environmental problems. They must be properly recovered, using approved equipment operated by qualified technicians.

4.4 Fluorescent Light Tubes

ATC's field staff observed twelve thousand four hundred eighty-one (12,481) fluorescent light tubes and four hundred seventy-three (473) Compact Fluorescent Lights (CFLs) throughout the classrooms. The tubes that will be impacted or disturbed by the scope of work should be removed and disposed of properly in accordance with California Code of Regulations, Title 22, Division 4.5, Hazardous Waste Management prior to modernization/demolition.

Table IX – Fluorescent Light Tube / CFLs Locations and Quantities

Building	Material / Quantity
Administration Building	Tubes – 439 CFLs – 0
Art Building	Tubes – 368 CFLs – 0
Barnum Hall	Tubes – 174 CFLs – 29
Business Building	Tubes – 1,090 CFLs – 9
Cafeteria	Tubes – 232 CFLs – 104
English Building	Tubes – 1,292 CFLs – 0
History Building	Tubes – 1,456 CFLs – 0
Language Building	Tubes – 1,846 CFLs – 0
Music Building	Tubes – 720 CFLs – 14
North Gym	Tubes – 770 CFLs – 58
Pool Building	Tubes – 168 CFLs – 0
Science Building	Tubes – 1,176 CFLs – 164
South Gym	Tubes – 705 CFLs – 4
Technology Building	Tubes – 2,045 CFLs – 91
TOTAL	Tubes – 12,481 CFLs – 473

4.5 Miscellaneous Hazardous Materials

ATC's field staff observed motion detectors, heat detectors, smoke detectors, hydraulic door closers, and miscellaneous cleaning and chemical supplies throughout the site. These materials, if impacted or disturbed by the scope of work, should be removed and disposed of properly (e.g., recycled) prior to demolition.

Table X – Miscellaneous Materials Locations and Quantities

Building	Material / Quantity
	Motion Detectors – 12
	Smoke/Heat Detectors – 2
	Hydraulic Door Closers – 25
Administration Building	Exit Signs – 4
	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 4
	Fixed Refrigerators – 1
	Motion Detectors – 8
	Smoke Detectors – 1
A . B . II II	Hydraulic Door Closers – 16
Art Building	Exit Signs – 0
	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 4
	Fixed Refrigerators – 0
	Motion Detectors – 14
	Smoke/Heat Detectors – 1
Dames Hall	Hydraulic Door Closers – 57
Barnum Hall	Exit Signs – 20
	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 6
	Fixed Refrigerators – 0
	Motion Detectors – 27 Smoke Detectors – 6
Pusings Building	Hydraulic Door Closers – 50
Business Building	Exit Signs – 6 Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 10
	Fixed Refrigerators – 1
	Motion Detectors – 5
	Smoke/Heat Detectors – 0
	Hydraulic Door Closers – 28
Cafeteria	Exit Signs – 8
Caletella	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 5
	Fixed Refrigerators – 6
English Building	Motion Detectors – 19
	Smoke/Heat Detectors – 21
	Hydraulic Door Closers – 31
	Exit Signs – 23
	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 12
	Fixed Refrigerators – 1

Building	Material / Quantity
History Building	Motion Detectors – 18 Smoke Detectors – 2 Hydraulic Door Closers – 62 Exit Signs – 20 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 3 Fixed Refrigerators – 0
Language Building	Motion Detectors – 6 Smoke Detectors – 19 Hydraulic Door Closers – 60 Exit Signs – 14 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 21 Fixed Refrigerators – 0
Music Building	Motion Detectors – 4 Smoke Detectors – 8 Hydraulic Door Closers – 38 Exit Signs – 17 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 7 Fixed Refrigerators – 0
North Gym	Motion Detectors – 5 Smoke Detectors – 9 Hydraulic Door Closers – 52 Exit Signs – 20 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 2 Fixed Refrigerators – 0
Pool Building	Motion Detectors – 3 Smoke Detectors – 0 Hydraulic Door Closers – 16 Exit Signs – 6 Misc. Cleaning and Chemical Supplies – ND Fire Extinguishers – 0 Fixed Refrigerators – 0
Science Building	Motion Detectors – 14 Smoke Detectors – 28 Hydraulic Door Closers – 47 Exit Signs – 4 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 18 Fixed Refrigerators – 2
South Gym	Motion Detectors – 6 Smoke Detectors – 2 Hydraulic Door Closers – 46 Exit Signs – 35 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 2 Fixed Refrigerators – 0

Building	Material / Quantity
	Motion Detectors – 21
	Smoke Detectors – 35
	Hydraulic Door Closers – 86
Technology Building	Exit Signs – 28
	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 79
	Fixed Refrigerators – 0
	Motion Detectors – 162
	Smoke Detectors – 134
	Hydraulic Door Closers – 614
TOTAL	Exit Signs – 205
	Misc. Cleaning and Chemical Supplies – Observed
	Fire Extinguishers – 173
	Fixed Refrigerators – 11

ND = Not Detected

4.6 Conclusions and Recommendations

Based on information collected from the Hazardous Material Survey, ATC offers the following recommendations:

- Prior to the scheduled demolition of the Science Building and Technology Building, <u>remove</u> all items identified and listed above in Section 4 (other hazardous materials) in addition to the materials listed in Table II (ACM) and Table V (lead) of this report in accordance with applicable Federal, State and local regulations.
- Perform a follow-up inspection of the Science Building and Technology Building prior to demolition to confirm the hazardous items have been removed before commencing with demolition activities.
- Prior to the scheduled modernization of the site, <u>remove</u> all items identified and listed above that will be impacted or disturbed by the scope of work in Section 4 (other hazardous materials) in addition to materials listed above in Table II (ACM) and Table V (lead) of this report in accordance with applicable Federal, State and local regulations.
- Perform a follow-up inspection of the site prior to the modernization to confirm all impacted hazardous items have been removed before commencing with modernization activities.

5.0 LIMITATIONS

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with principles and practices in the fields of environmental science and engineering. The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during the noted dates of fieldwork. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions, or recommendations made by others based on the results and designs presented in this report.

The passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

Reasonable effort is made by ATC personnel to locate and sample materials representative of the site structures. However, for any facility, the existence of unique or concealed materials or debris not observed by ATC is a possibility. ATC does not warrant, guarantee or profess to have the ability to locate or identify all concealed hazardous materials at the facility. This report is intended for the sole use of SMMUSD. This report is not intended to be utilized as a construction and/or bidding document, nor is this document designed to be used as a remediation or abatement specification. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

This inventory does not represent an exhaustive listing of types of materials that may be required to be removed from a building prior to demolition. Any conditions or materials that could not be visually identified on the surface were not inspected and may differ from those conditions or materials noted.

6.0 SIGNATURES

This report presents the results of the hazardous material survey that was prepared by Staff Scientist Ms. Rebecca Stark, and reviewed by Mr. Paul Cota (CAC, LRCIA), and Mr. Stephen Drengson, (CAC, LRCIA).

ATC appreciates the opportunity to be of service to SMMUSD on this project and looks forward to working with you on future assignments. In the meantime, if you have questions or comments regarding the information in this report or if we can be of further assistance, please do not hesitate to contact the undersigned in the ATC Los Angeles, California office at (323) 517-9780.

Respectfully submitted, ATC ASSOCIATES INC.

Paul A. Cota Project Manager

Certified Asbestos Consultant No. 06-3978

LRCIA No. 14316

Stephen R. Drengson Program Manager

Stephen Druggon

Certified Asbestos Consultant No. 06-3975

LRCIA No. 2895

APPENDIX A

Asbestos Laboratory Analytical Report & Sample Logs



Hygeia Laboratories Inc.

82 W. Sierra Madre Blvd Sierra Madre, CA 91024-2434 (626) 355-4711 (626) 355-4497 Fax

Bulk Sample Analysis Summary Analytical Method: EPA 600/R-93/116

Mr. Paul Cota ATC Los Angeles 25 Cupania Circle Monterey Park, CA 91755				s Ana Sa e Con	mple	r: N/ <i>A</i>		ble		<u>H</u>	lygeia	Date Date	Colle	e No.: ected: eived: yzed:	May May	11, 2 21, 2	009 009	
Client Reference: 52.2552				As	best	os T	ype,	%		N	on-A	sbes	stos	Cons	titue	nts,	%	
Santa Mo	nica HS	Asbesto				Tremolite	Pr					Mi:		Orga				
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite	Organic Binders	Paint	Perlite		മറ
001	Duct seam tape - white	No							5			45		50				
1173119																		
002	Duct seam tape - white	No							5			45		50				
1173120	Desta a series de la contraction																	
003 1173121	Duct seam tape - white	No							5			45		50				
004	Carpet mastic - black	Vac	2						3		10	35		E0.				
1173122	Carpet mastic - black	Yes	2						3		10	35		50				
007	2' x 4' ceiling panel - white/grey	No							60	10		15			5	10		
1173125																		
008	2' x 4' ceiling panel - white/grey	No							60	10		15			5	10		
1173126	Ol v. 41 politica manual																	
009 1173127	2' x 4' ceiling panel - white/grey	No							60	10		15			5	10		
010	TSI pipe insulation - white	.,	_									70						
1173128	131 pipe irisulation - write	Yes	5	25								70						
013	Duct wrap tape - Tan/black	No							70	20		10						
1173131																		
014	Duct wrap tape - Tan/black	No							40	50		10						
1173132																		
015	Duct wrap tape - Tan/black	No							40	50		10						
1173133																		
016	2' x 2' ceiling panel - white/grey	No							60	10		10			5	15		Х
1173134 017	2' v 2' poiling popul														_			
1173135	2' x 2' ceiling panel - white/grey	No							60	10		10			5	15		



Analytical Method: EPA 600/R-93/116

Client Reference: 52.2552	6.0002 (T1) SMMUSD -			As	best	os T	уре,	%		N	on-A	sbes	stos	Cons	titue	nts,	%	
Santa Mo		Ąs				Tre												
		Asbestos Detected				Tremolite / Actinolite	An					Min		Orgar				
Client Sample ID	Sample Description - color	Detec	Chrysotile	Amosite	Crocidolite	/ Actin	Anthophyllite	0	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite	Organic Binders		Pe		
Hygeia Sample ID	Comments	ted	otile	site) lite	Site	₩	Other	ose	ass	etic	lers	_lite	lers	Paint	Perlite		ည္က
018	2' x 2' ceiling panel - white/grey	No							60	10		10			5	15		
1173136																		
019 1173137	2' x 4' ceiling panel - white/grey	No							60	5		15			5	15		
020	01 41:!!																	
1173138	2' x 4' ceiling panel - white/grey	No							60	5		15			5	15		
	01 41 11																	
021	2' x 4' ceiling panel - white/grey	No							60	5		15			5	15		
1173139																		
022	Sheet flooring - grey	No										80		20				
1173140																		
022	Sheet flooring mastic - yellow	No							5			40		55				
1173140M																		
023	Sheet flooring - grey	No										80		20				Х
1173141																		
023	Sheet flooring mastic - yellow	No							5			40		55				
1173141M																		
024 1173142	Sheet flooring - grey	No										80		20				
024	Sheet flooring mastic - yellow	No							5			40		55				
1173142M																		
025 1173143	Sheet flooring - grey	No										80		20				Х
025	Sheet flooring mastic - yellow	No							5			20		75				
1173143M																		
026	Sheet flooring - grey	No										80		20				
1173144	g. c,	INU										00		20				
026	Sheet flooring mastic - yellow	No							5			20		75				
1173144M																		\sqcup
027	Sheet flooring - grey	No										80		20				
1173145																		
027	Sheet flooring mastic - yellow	No							5			20		75				
1173145M																		



Analytical Method: EPA 600/R-93/116

Client Reference: 52.25520	6.0002 (T1) SMMUSD -			As	best	os T	ype,	%		N	on-A	sbes	stos	Cons	titue	nts,	%	
Santa Mo		Þ																
		Asbestos Detected				Tremolite / Actinolite	A A					_ <u>M</u> i		Organic Binders				
		s De	Chrysotile	≱	Crocidolite	/ Ac	Anthophyllite		Ce	Fiberglass	Syr	Mineral Fillers	Vermiculite	nic B				
Client Sample ID	Sample Description - color	tect	ysot	Amosite	idol	tinol	hylli	Other	Cellulose	rgla	Synthetic	₽	liculi	inde	Paint	Perlite		Q
Hygeia Sample ID	Comments	8	ile	6 €	ř e	it e	िर्व	ष्	se	SS	ਨਿੰ	N.	ē	Ŝ	<u> </u>	ite		ဂ္ဂ
028	Pipe wrap - brown	No							95			5						
1173146																		
029	Pipe wrap - brown	No							95			5						
1173147																		
030	Pipe wrap - brown	No							95			5						
1173148																		
031	TSI pipe run insulation - white	Yes	3	20								77						
1173149 034	Shoot flooring groop											_						
1173152	Sheet flooring - green	No										10		90				
035	Shoot flooring groop																	
1173153	Sheet flooring - green	No										10		90				
036	Sheet flooring - green											40						
1173154	Sheet hoofing - green	No										10		90				
037	TSI pipe insulation - tan	V		20								70						\ \ \
1173155	Tot pipe insulation - tan	Yes	2	20								78						Х
040	Duct sealant - grey	No								5		75		20				
1173158	Buot boulant groy	No								5		75		20				
041	Duct sealant - grey	No								5		75		20				
1173159	2 act coalant groy	INU								3		73		20				
042	Duct sealant - grey	No								5		75		20				
1173160		140								3		7.5		20				
043	12" x 12" floor tile - purple	No										80		20				Х
1173161																		^
043	Floor tile mastic - yellow	No							2			68		30				
1173161M																		
044	12" x 12" floor tile - purple	No										80		20				
1173162																		
044	Floor tile mastic - yellow	No							2			68		30				
1173162M																		
045	12" x 12" floor tile - purple	No										80		20				
1173163																		
045	Floor tile mastic - yellow	No							2			68		30				
1173163M																		
046	9" x 9" floor tile - tan	Yes	3									77		20				
1173164																		
049	Floor tile mastic - black	Yes	5									35		60				
1173167																		



Analytical Method: EPA 600/R-93/116

Client Reference: 52.2552	26.0002 (T1) SMMUSD -		•	As	best	os T	уре,	%		N	on-A	sbes	stos	Cons	titue	nts,	%	
Santa Mo	onica HS	Asbesto				Tremolite	l ≥					Mi		Orga				
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite	Organic Binders	Paint	Perlite		QC
052	2' x 4' ceiling panel - white/grey	No							65	10		10			5	10		
053	2' x 4' ceiling panel - white/grey	No							65	10		10			5	10		
1173171 054	2' x 4' ceiling panel - white/grey	No							65	10		10			5	10		
1173172 055 1173173	Sheet flooring - grey	No										80		20				Х
056 1173174	Sheet flooring - grey	No										80		20				
057 1173175	Sheet flooring - grey	No										80		20				
058 1173176	Carpet mastic - yellow/black	No							5			40		55				
059	Carpet mastic - yellow/black	No							5			40		55				
1173177 060	Carpet mastic - yellow/black	No							5			40		55				
1173178 061 1173179	Carpet mastic - yellow	No							3		2	55		40				
062 1173180	Carpet mastic - yellow	No							3		2	55		40				
063 1173181	Carpet mastic - yellow	No							3		2	55		40				
064 1173182	12" x 12" floor tile - purple	No										80		20				
065 1173183	12" x 12" floor tile - purple	No										80		20				
066 1173184	12" x 12" floor tile - purple	No										80		20				
067 1173185	Floor tile mastic - black	No										60		40				Х
068 1173186	Floor tile mastic - black	No										60		40				



Analytical Method: EPA 600/R-93/116

May 29, 2009

Client Reference: 52.2552	26.0002 (T1) SMMUSD -			As	best	os T	ype,	%		N	lon-A	sbes	stos	Cons	titue	nts,	%	
Santa Mo	onica HS Ć	Asbesto				Tremolite	l ⊵							Organic				
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	s Det	Chrysotile	Amosite	Crocidolite	e / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite	ınic Binders	Paint	Perlite		QC
069	, , ,											60		40				
1173187																		
THE	L	Yulla	10 A	emaño	49													

Microscopist - Fidel Gutierrez

Microscopist - Guillermo Hernandez

The analyses of the samples in this report were performed using polarized light microscopy using the EPA method 600/R-93/116. The phase abundances provided are visually estimated and expressed as percent area. Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accurac and precision of the results depend on the type of sample and its asbestos content.

Hygeia recommends transmission electron microscopy (TEM) analysis on organically bound bulk materials (eg., vinyl floor tile, mastics, roofing materials, joint compounds) when PLM analysis shows undetectable quantities of asbestos. These materials often contain milled asbestos with fiber diameters and lengths too small to be resolved by the PLM and the analysis may yield a false negative result.

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

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Arturo Casas - Supervisor of Optical Microscopy



Hygeia Laboratories Inc.

82 W. Sierra Madre Blvd Sierra Madre, CA 91024-2434 (626) 355-4711 (626) 355-4497 Fax

Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

May 29, 2009

Mr. Paul Cota ATC Los Angeles 25 Cupania Circle Monterey Park, CA 91755				e Cor	mple dition	r: R. o	ceptal	ole	D. Ca		ygeia	Date Date	Colle Rece	No.: cted: eived: yzed:	May May	15, 2 27, 2	009 009	
Client Reference: 52.2552	6.0001 (T1) SMMUSD -			As	best	os T	уре,	%		N	on-A	sbes	stos	Cons	stitue	ents,	%	
Santa Mo	nica HS É	Asbestos				Tremolite	Ar					Mir		Orga				
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	s Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite	Organic Binders				<u>م</u>
070	9" x 9" floor tile - brown	Yes	3									77		20				
1173535																		
073	Floor tile mastic - black	Yes	5									30		65				
1173538																		
076	9" x 9" floor tile - tan	Yes	3									77		20				Х
1173541																		
079	Floor tile mastic - black	Yes	5									30		65				
1173544																		
082	12" x 12" floor tile - grey	No										80		20				
1173547																		
083	12" x 12" floor tile - grey	No										80		20				
1173548																		
084	12" x 12" floor tile - grey	No										80		20				
1173549																		
085	Floor tile mastic - yellow	No							5			55		40				
1173550																		
086	Floor tile mastic - yellow	No							5			55		40				
1173551																		
087	Floor tile mastic - yellow	No							5			55		40				
1173552																		

Microscopist - Fidel Gutierrez

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Analytical Method: EPA 600/R-93/116

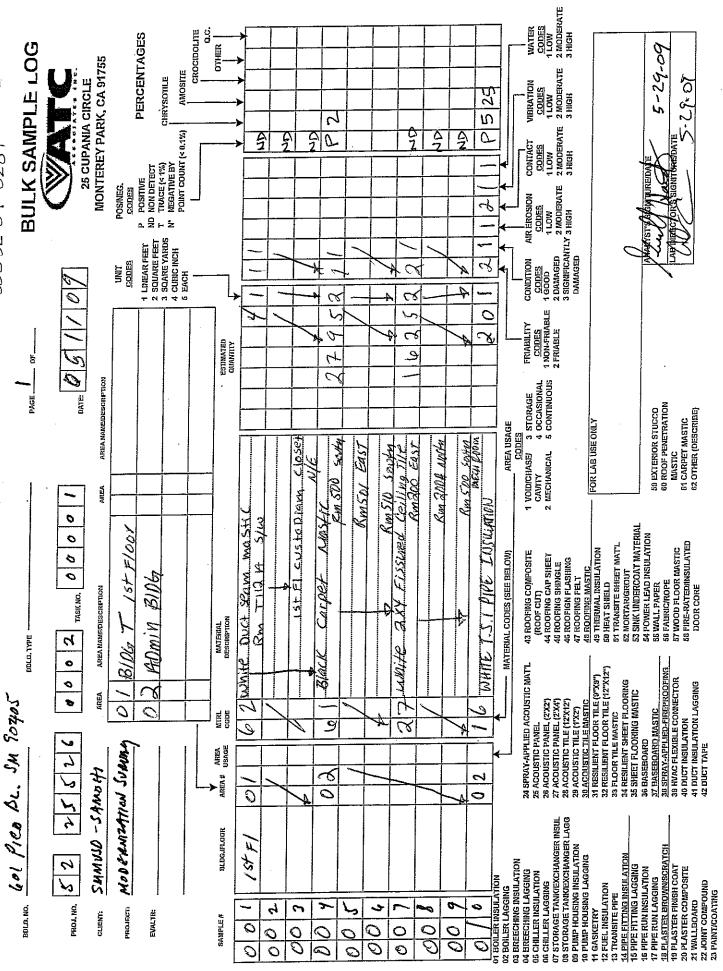
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Arturo Casas - Supervisor of Optical Microscopy

ATC - Request for Laboratory Services / Chain of Custody - Asbestos

	زلا. د د ت		<i>J</i>			7	
Send Report To	PA	ML COB			·	Hygeia Laboratories Inc.	n
Company Name	ATC Los	Angeles				82 W. Sierra Madre Blvd Sierra Madre, CA 91024	Ħ
Company Address	25 Cupa	nia Circle				(626) 355-4711 (626) 355-4497 Fax	A
City State Zip	Monterey	/ Park, CA 9175	5			www.hygeialaboratories.com	n.
Phone	(323) 51	7-9780 F	ax <i>(323) 517</i> -	-9781			
Cell Pager			·····		Hygeia F	Reference # 00052 09 0287	
Client Project Name				(For in	ntercompany	billing purposes, please provide current project and task numb	er)
Client Project #	52.	25526.000Z	T./	٠.		Samples Submitted 69	
Bill Branch #	5.	2		-		Samples Analyzed	
Send Report Via	Ema	ailFax	Verbal	Results?	,	Do you require a mailed report?	
Email Address							
Tumaround Time	Nor	mal (3-5 business days	s) Next Day	(24 hrs) _	Sam	ne Day (Rush) Weekend Rush	
Type of Sample	Air	X_Bulk Dust (m	icrovac)Du	st (wipe)	Soil	Paint Water Other	
Asbestos (Optical)		Asbestos (TEM)					
X PLM		AHERA		Qualitative	e Dust	Qualitative Bulk	
PLM Point Count	400 pts	EPA Level II		Quantitati	ve Dust	Semi-Quantitative Bulk	
PLM Point Count 1	1000 pts	NIOSH 7402 (PCM Equiv)	Drinking V	Vater (pot	table) Full Quantitative Bulk	
PCM		ISO 10312		Drinking V	Vater (nor	n-potable)	
	,			Partical Ch	naracteriz	ration Supplies	
Additional Instruction Written Report Req	uested	ESTOP 15	T POSITIUL	5)			
For Lab Use Only	Sample	Integrity	accept	reject		1st Sample # 1173119 - 187	
Results Reported By	,	-				Price / Sample	
Date	7	Time	Initials				
Date		Time	Initials		i	nvoice # 77	
Date		līme	Initials		L	Log Out Date	
Comments MATERIAL DESCRIP PAUL COPOR (NS	MUCTUR	1, 5/29/09 oc	DAS CLANIFI	GD 84,	4001N	a 742 Worns "MASTIC" Par	-
Relinquished By		Received By	Date	Time	9	Reason for Change of Custody	
(Signature)	2	(Signature)	± 01 05	<u>a</u>			
400		W	5-21-09	/ (2:	05PM		
			<u>.</u>				
The sample collector is	poneible for	ensuring that all same	se have been pro-	enved socce	ding to the	e appropriate and applicable methodology.	
THE SAMPIE COILECTOR IS FES	sponsible tor	ensumy mat all sample	so nave been pres	erved accon	and to rue	e appropriate and applicable methodology.	าย

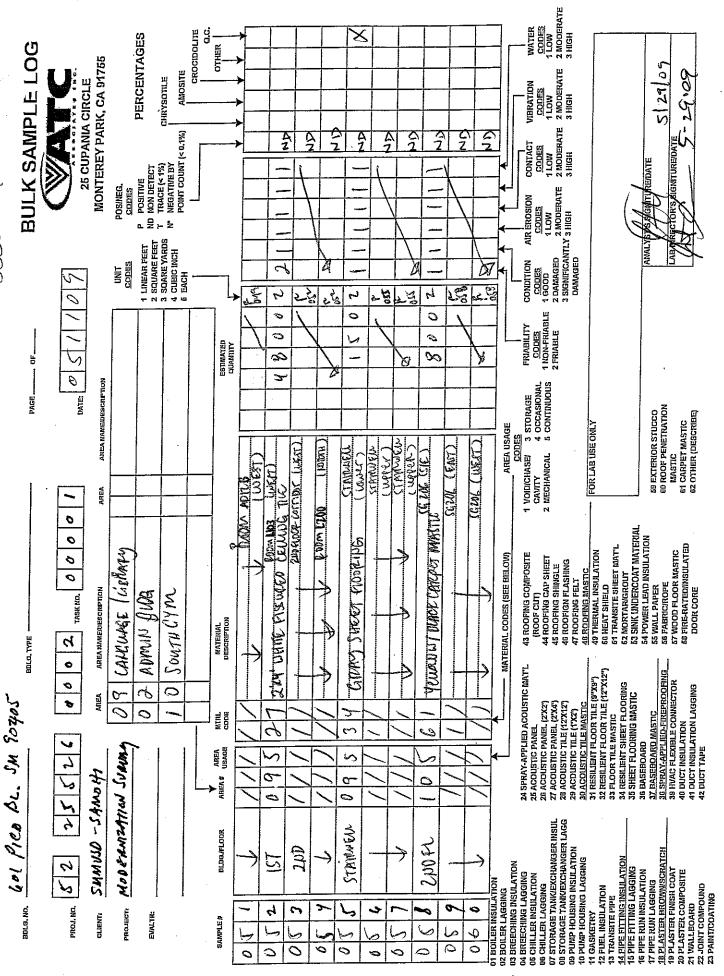


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CLIENT	SAMUSD - SAMOHI	thant	AREA ARE	AREA NAME/DESCRIPTION	AREA AREA!	AREA NAME/OESCRPTION			25 CU MONTERE	25 CUPANIA CIRCLE MONTEREY PARK, CA 91755	CLE :A 91755	
PROJECT	MODERNIATION SURVEY	and Summy			0 5 115	APT Davisibe		CODES	POSINEG. CODES	į		
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			0 0 0 0	EVALUEN BLUSE				3 SCARE YARDS 4 CUBIC INCH 5 FACH	DS N° NEGATIVE BY POINT COUNT (< 0.1%)	품	SOTILE	
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UU SI OKAGE TANKEKCHANG D9 PUMP HOUSING INSULATI 10 PUMP HOUSING LAGGING	JUST OF TANKLEXCHANGER LAGG DISPUMP HOUSING INSULATION TO PUMP HOUSING LAGGING	ZU ACOUSTIC TILE (12'X12') 29 ACOUSTIC TILE (1'X2') 30 ACOUSTIC TILE MASTIC	((12X12) ((1X2) (MASTIC	46 ROOFIGN FLASHING 47 ROOFING FELT 48 ROOFING MASTIC				3 SIGNIFICANT DAMAGED	3 SIGNIFICANTLY 3 HIGH DAMAGED 3 HIGH			з Нісн
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BULK SAMPLE LOG	<u>_</u>	MONTEREY PARK, CA 91755			INCH N° NEGATIVE BY POINT COUNT (< 0.1%) AMOS	O'COUNTY O'C		2 [2 2 20			C 2		62	23 23 2 2 2 2 X				•	N AIR EROSION CONTACT VIBRATION	TLOW 1LOW 1LOW 1 AND PEATE 2 MODERATE 2 MODERATE 2 MODERATE 2 MODERATE 2 MODERATE 3 MODE	NTLY 3 HIGH 3 HIGH		ANALYKTSKIGMUTHEIDATE	LAB DREGTORY SIGNITUREDATE 5. 29.08	~~
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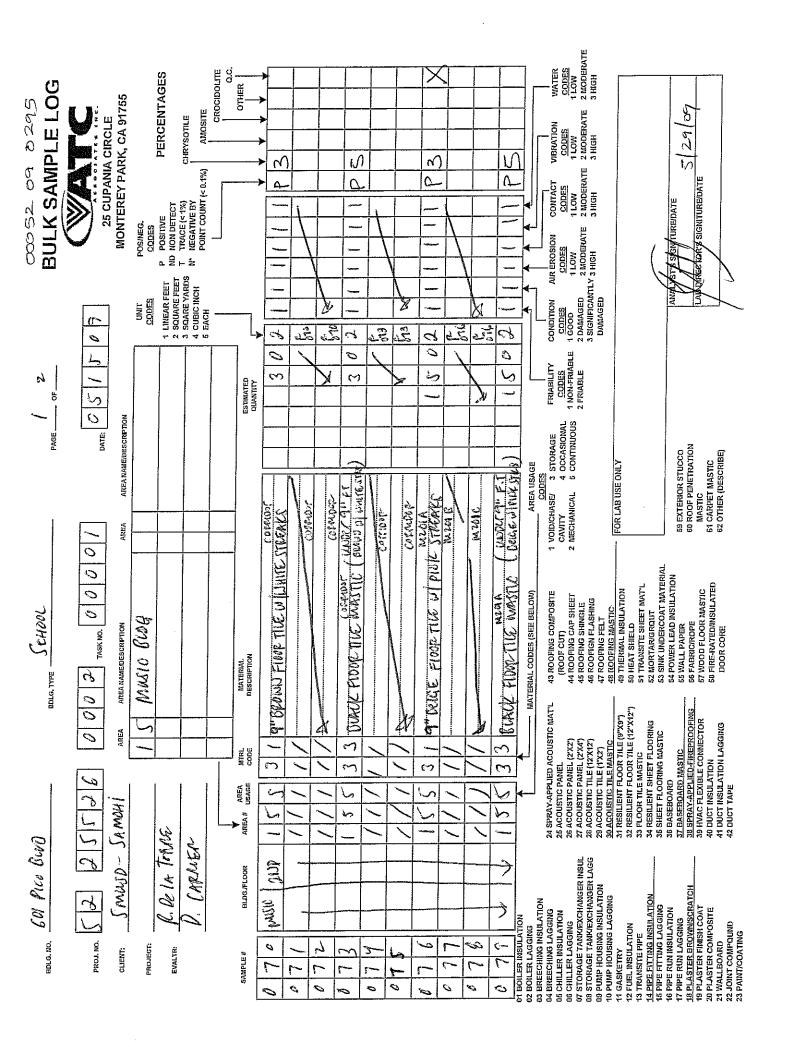


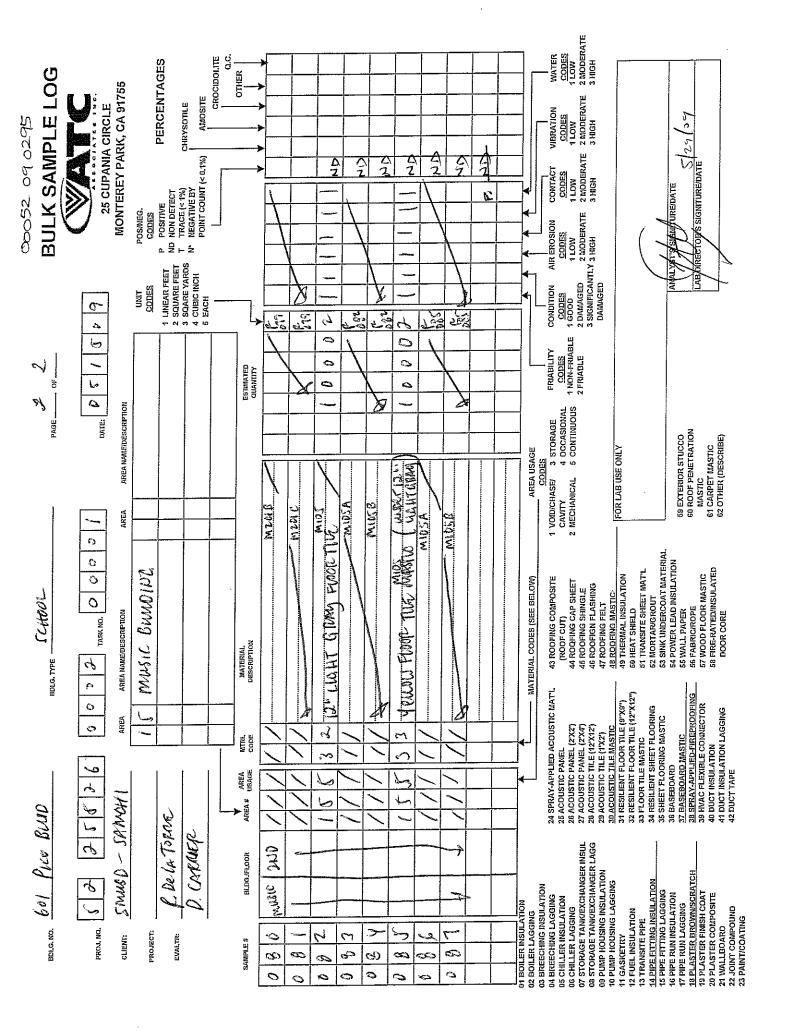
WATER
CODES
1 LGW
2 MODERATE
3 HIGH CROCIDOLITE PERCENTAGES BULK SAMPLE LOG OTHER MONTEREY PARK, CA 91755 VIBRATION
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Z MODERATE
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CODES
1 LOW
2 MODERATE 3 HIGH POINT COUNT (< 0.1%) <u>2</u> 2 5 1 2 2 S Š P POSITIVE
ND NON DETECT
T TRACE (< 1%)
N' NEGATIVE BY SIGNITUREDATE 1 LOW 2 MODERATE POS/NEG. CODES AIR EROSION COOES 2 DAMAGEO 2 MODE 3 SIGNIFICANTLY 3 HIGH SQUARE FEET SQARE YARDS CUBIC INCH LINEAR FEET CODES DAMAGED A CONDITION d \wedge 1 600b EACH 2 ۇت چي ና2 3 0 <u>د</u>و Ĺ CODES 1 NON-FRIABLE 2 FRIABLE 0 ويا FRIABILITY O ئ H ESTIMATED M 4 ë Ф AREA NAME/DESCRIPTION 1 VOIDICHASE 3 STORAGE CAVITY 4 OCCASIONAL 2 MECHANICAL 6 CONTINUOUS PAGE 60 ROOF PENETRATION 61 CARPET MASTIC 02 OTHER (DESCRIBE) 69 EXTERIOR STUCCO AREA USAGE FOR LAB USE ONLY CODES UND (COICH TRIG DOME (MID) 1/16 (माण्ड) गृहि 315 ((g)r SIS (77) 317 (50197) MIDS WILL MASTIC AREA (W.D.C. 0 AB ROCIENG MASTIC.
49 THERMAL INSULATION
50 HEAT SHIELD
51 TRANSITE SHEET WATL
62 MOKTARGROUT
63 SINK UNDERCOAT MATERIAL 0 D PURPLE FLORETTUE 64 POWER LEAD INSULATION 55 WALL PAPER VACIOUS CARPOT PANSETLE 57 WOOD FLOOR MASTIC 50 FIRE-RATED/INSULATEO DOOR CORE 44 ROOFING CAP SHEET 45 ROOFING SHINGLE 46 ROOFIGN FLASHING 47 ROOFING FELT 9 — MATERIAL CODES (SEE BELOW) 43 ROOFING COMPOSITE BINCKFIOORFILE 0 56 FABRIC/ROPE AREA NAME/DESCRIPTION Sough Cym NORTH BYM TABK NO. (ROOF CUT) MATERIAL DESCRIPTION 200 BOLG, TYPE Ч 0 ZI ACOUSTIC PANEL (ZXZ)
ZI ACOUSTIC PANEL (ZXZ)
ZB ACOUSTIC TILE (12X1)
ZB ACOUSTIC TILE (12X1)
ZB ACOUSTIC TILE (12X1)
ZB ACOUSTIC TILE (MASTIC
ZI RESILENT FLOOR TILE (12X12")
ZB FEBILENT FLOOR TILE (12X12")
ZB RESILENT SHEET FLOORING
ZB RESILENT SHEET FLOORING
ZB RASEBOARD
ZI BASEBOARD
ZI BASEBOARD
ZI BASEBOARD
ZB SHEET FLOORING
ZB 24 SPRAY-APPLIED ACOUSTIC MAT'L 26 ACOUSTIC PANEL 26 ACOUSTIC PANEL (2'X2') O 9 LOI PIED DL. SM POZOS 3 퉏 WTRL 400 FRNIATION SURVERY AREA Usage SHMUSD - SAMOH AREA# 06 CHILLER INSULATION
06 CHILLER LAGGING
07 STORAGE TYNWOEXCHANGER INSUL
08 STORAGE TANWOEXCHANGER LAGG
09 PUMP HOUSING INSULATION
10 PUMP HOUSING LAGGING $\frac{\sigma}{\sigma}$ BLDGJFLOOR アア (下户 18 PLASTER BROWNSGRATCH
19 PLASTER FINISH COAT
20 PLASTER COURPOSITE
21 WALLEOARD
22 JOINT COURPOUND
23 PAINT/COATING 11 GASKETRY
12 FUEL INSULATION
13 TRANSITE BIPE
14 PIPE FITTING INSULATION
16 PIPE FITTING LAGGING
16 PIPE RUN INSULATION 5 5 03 BREECHING INSULATION 04 BREECHING LAGGING BOILER INSULATION 17 PIPE RUN LAGGING 02 BOILER LAGGING BDLa. No. > Q. PROJ. NO. લ 5 • PROJECT EVALTR OLIENT: SAMPLE# ی ھ چ ک 0 4 0

Request for Laboratory Services / Chain of Custody - Asbestos

Send Report To	PAI	UL COTA			**************************************		oratories Inc.	
Company Name	ATC Los	Angeles				Sierra Mad	a Madre Blvd re, CA 91024	
Company Address	25 Cupai	nia Circle		***************************************			26) 355-4711 355-4497 Fax	
City State Zip	Monterey	Park, CA 91755					www.hygeialab	oratories.com
Phone	(323) 517	7-9780 Fax	(323) 517-9	9781		·	For intercompany l please provide curre	
Cell Pager		AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		Н	lygeia F	Reference # C	00052 09	0295
Client Project Name	SAUTA	MONSICA HIGH						P
Client Project #	52.0	1126.0001				Sampl	es Submitted	1B
Bill Branch #	52					Samp	oles Analyzed	01
Send Report Via	Ema	ilFax	Verbal F	Results?		Do you	require a mailed	I report?
Email Address								
Turnaround Time	Nori	mal (3-5 business days)	Next Day	(24 hrs)	San	ne Day (Rush)	Weekend	Rush
Type of Sample	Air <u>></u>	Bulk Dust (micro	ovac) Dus	t (wipe)	Soil	Paint	Water	Other
Asbestos (Optical)		Asbestos (TEM)						
PLM		AHERA		_ Qualitative	Dust		Qualitativ	re Bulk
PLM Point Count	400 pts	EPA Level II		Quantitativ	e Dust		Semi-Qua	antitative Bulk
PLM Point Count 1	000 pts	NIOSH 7202 (PCN	vl Equiv)	Drinking W	ater (pot	table)	Full Quar	ntitative Bulk
PCM		ISO 10312		_ Drinking W	/ater (noi	n-potable)		
				_Partical Cha	aracteriz	ation	Supplies	
Additional Instruction	_					A		
ST00 (e. Fir	ST POSITIVE	: - .					
-								
		* s						
Table Oak	Comple	e Integrity X ac	cont	roject		let Sample #	<u>1173535 -</u>	- 5.52
For Lab Use Only	Sample	e integrityac	сері	_ reject		Price / Sampl		
Results Reported By	T	Initiala	Varbal	Foy Emo		-iice / Gairipi	C	
Date		Initials Initials				nvoice #		
Date		Initials						
Date		IIIItiais	velual	гах шпа	111 L	og Out Date		
Comments PAR GTA CONFIN	NOO THE	STOP @ FIRST POSE	THE INSTAL	१ प्रथम	, 5/29	109 te.		-
Relinquished By	1	Received By	Date	Time		Reason fo	or Change of 0	Custody
(Signature))	(Signature)		ARENTANA	-		J 1 •	,
		Otreet	5.27.09	2;4	0 PM			
1 11	**************************************			No.			**************************************	
				No.	-			
The sample collector is re-	sponsible for	ensuring that all samples	have been prese	erved accord	ling to the	e appropriate an	nd applicable met	thodology.

Revised 9/16/2008





APPENDIX B

Lead Laboratory Analytical Report, Sample Logs, XRF Logs, & DPH FORM 8552



82 W. Sierra Madre Blvd Sierra Madre, CA 91024-2434 (626) 355-4711 (626) 355-4497 Fax **Analytical Report**

June 2, 2009

Hygeia Reference No.:

00052 09 0293

Date Sampled: May 22, 2009 Date Received: May 26, 2009

Date Analyzed: May 31, 2009

Analyst: Nahid Motamedi

Client Ref. 52.25526.0003 (T1)

Monterey Park, CA 91755

3 (T1) SMMUSD - Santa Monica HS

Samples and data provided by: Paul Cota

Analyte: Lead

Analytical Method: EPA 7420

Detection Limit:

25 ppm

Samples Analyzed: 38

Sample Matrix: paint

Mr. Paul Cota

ATC Los Angeles

25 Cupania Circle

Digestion Method: EPA 3050B

Reporting Limit:

120 ppm

Sample Condition Acceptable

V

Hygeia Sample ID	Client Sample ID	Lead Conc. (ppm)	Lead Conc. (wt%)
1173438	P01	860	0.086
1173439	P02	<120	<0.012
1173440	P03	2969	0.297
1173441	P04	2212	0.221
1173442	P05	<120	<0.012
1173443	P06	<120	<0.012
1173444	P07	32140	3.21
1173445	P08	4359	0.436
1173446	P09	3211	0.321
1173447	P10	<120	<0.012
1173448	P11	428	0.043
1173449	P12	<120	<0.012
1173450	P13	1917	0.192
1173451	P14	1024	0.102
1173452	P15	1079	0.108
1173453	P16	<120	<0.012
1173454	P17	19460	1.95
1173455	P18	21210	2.12
1173456	P19	10600	1.06
1173457	P20	<120	<0.012



Analytical Report

June 2, 2009

Hygeia Reference No. 00052 09 0293

Client Reference: 52.25526.0003 (T1) SMMUSD - Santa Monica HS

<u>Hygeia Sample ID</u>	Client Sample ID	Lead Conc. (ppm)	Lead Conc. (wt%)
1173458	P21	<120	<0.012
1173459	P22	<120	<0.012
1173460	P23	817	0.082
1173461	P24	<120	<0.012
1173462	P25	1715	0.172
1173463	P26	<120	<0.012
1173464	P27	<120	<0.012
1173465	P28	232	0.023
1173466	P29	<120	<0.012
1173467	P30	1069	0.107
1173468	P31	1087	0.109
1173469	P32	38010	3.8
1173470	P33	<120	<0.012
1173471	P34	<120	<0.012
1173472	P35	824	0.082
1173473	P36	10050	1
1173474	P37	19870	1.99
1173475	P38	<120	<0.012

ppm = parts per million = mg/kg

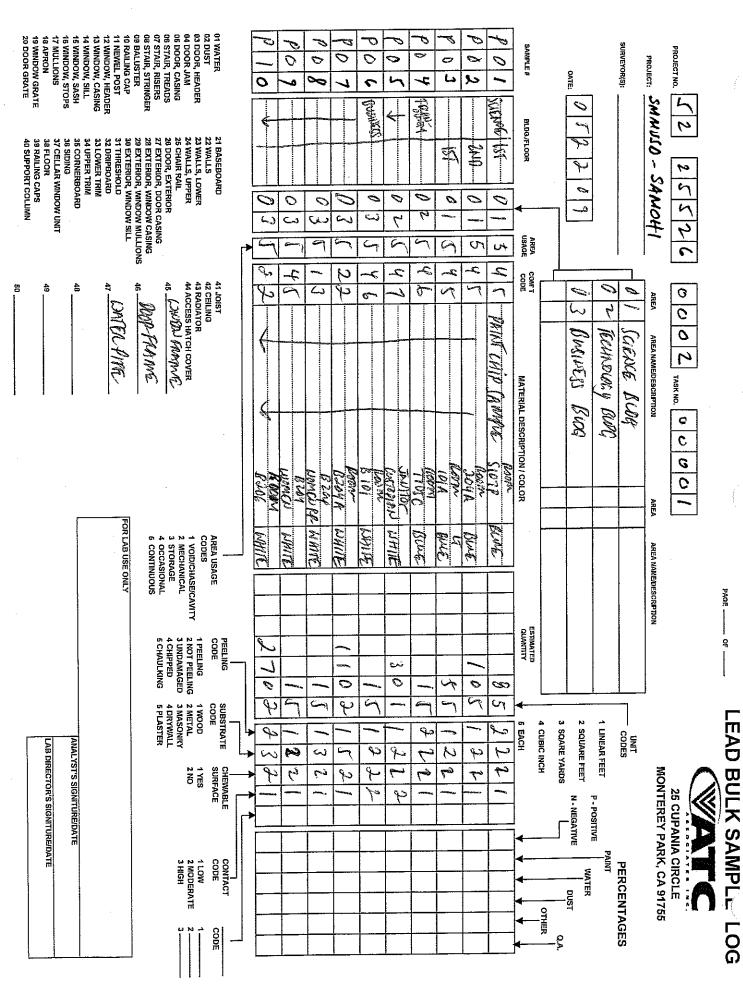
Supervisor of Chemistry Laboratory

Nahid Motamedi

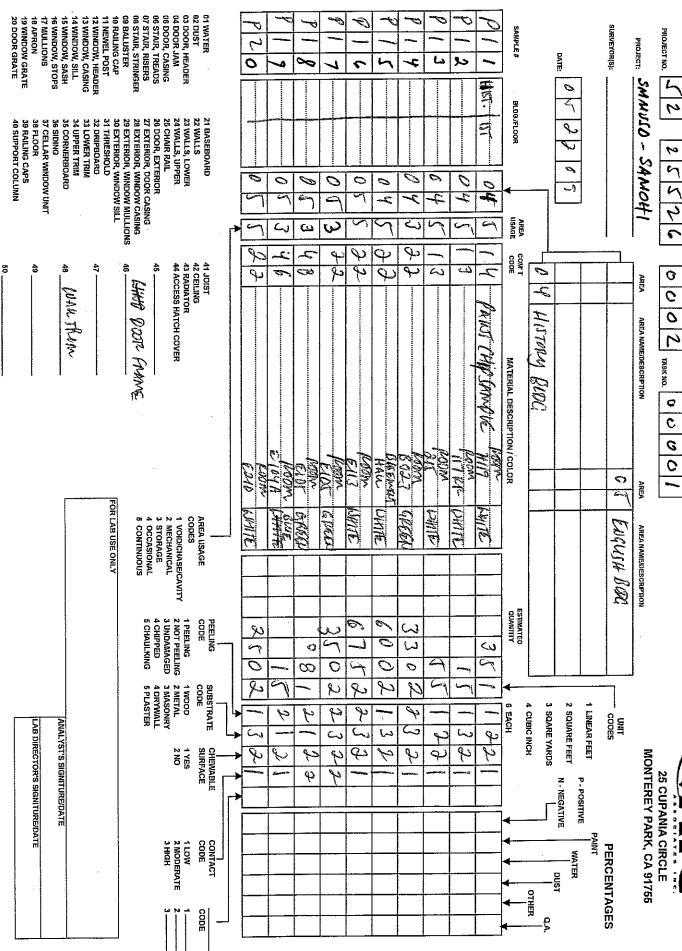
Sample results have not been blank corrected. All quality control results meet the QC requirements of AIHA ELLAP. This report only pertains to the samples investigated and does not apply to other similar material. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

ATC Request for Laboratory Services / Chain of Custody - Chemistry Hygela Laboratories Inc. Send Report To _ 82 W. Sierra Madre Blvd. Company Name <u>ATC Los Angeles</u> Sierra Madre, CA 91024 Company Address 25 Cupania Circle (626) 355-4711 (626) 355-4497 FAX HITTER Company Address Monterey Park, CA 91755 Phone (323) 517-9780 Fax (323) 517-9781 Client Project No 52.25526.0003 T1 Client Project Res SMMUSD - SANTA MONICA H.S. (For Inter-Company billing purposes, please provide correct Project and Task No.) Bill Branch No. _ Samples Submitted 38 Samples Analyzed Hygeia Reference No 00052 09 0293 Fax _____ Cell/Page _____ Reporting E-mail Phone □ Written Report Requested Turnaround Time Normal (5 business days) _____Two Day _____Next Day _____Same Day _____Weekend/Holiday TCLP and STLC: ____Normal (5 business days) ____Three Day ____Two Day (STLC) ____Next Day (TCLP) Type of Sample ____Air ___Dust ____Paint ____Bulk ____Soil ____Water ____Wipe ____Other Type of Analysis Lead - air, paint, soil, bulk, wipe Supplies Cadmium Lead - TCLP Chromium Lead - STLC Nickel Lead - TTLC Zinc __Lead - drinking water ___Total Nuisance Dust (NIOSH 0500) Respirable Nuisance Dust (NIOSH 0600) Additional Instructions 1st Sample No 1173438 - 475 For Lab Use Only Sample Integrity X accept reject Results reported by: Price / Sample _____ Date Time _____ Initials_____ Verbal Fax E-mail Invoice No. 77-____ Time __Initials _____ Verbal Fax E-mail Date Initials _____ Verbal Fax E-mail Log Out Date Date Time Comments Relinquished By Received By Time Date Reason for Change of Custody (Signature) (Signature) 5.26.09 1:50 PM

The sample collector is responsible for ensuring that all samples have been preserved according to the appropriate and appplicable methodology.



PAGE OF	
LEAD BULK SAMPL LOG	



LEAD BULK SAMPLE

LOG

PAGE -

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SMMUSO - SAMOHI 21 BASEBOARD
22 WALLS, LOWER
23 WALLS, LOWER
24 WALLS, UPPER
25 CHAIR RAIL
26 DOOR, EXTERIOR
27 EXTERIOR, DOOR CASING
29 EXTERIOR, WINDOW CASING
29 EXTERIOR, WINDOW SILL
31 THRESHOLD
32 DRIPBOARD
33 LOWER TRIM
34 UPPER TRIM
34 UPPER TRIM 38 FLOOR 39 RAILING CAPS 40 SUPPORT COLUMN 36 CORNERBOARD 36 SIDING 37 CELLAR WINDOW UNIT 0 9 0 Ø 3 O O 0 0 3 242 6 7 . 3 1 (5) CO. AREA Usage ک 9--6 9 ~ رت CODE T 41 JOIST
42 CEILING
43 RADIATOR
44 ACCESS HATCH COVER 8 8 ム _ $\mathcal C$ Ľ 0 ~ O Doen Frank AREA Ü MIRROR TRUM 0 HAILT CHIPS ARMPLE NORTHGYM 0 AREA NAME/DESCRIPTION 7 trepar TASK NO. MATERIAL DESCRIPTION / COLOR Eaufonent ST CARLUET Ç C C 100 M 90295 W007 Sexuel Service MQ 112 26101 2500 C 9 1600 6 S AREA O FOR LAB USE ONLY CHIEN. CONTRA 2 MECHANICAL 3 STORAGE 4 OCCASIONAL 6 CONTINUOUS C122 WME letter DHITE Sarat Chur CODES 1 VOID/CHASE/CAVITY AREA USAGE CHERCY NOG HOD BRILLING AREA NAME/DESCRIPTION ESTIMATED QUANTITY 1 PEELING 2 NOT PEELING 3 UNDAMAGED 4 CHIPPED PEELING CODE 6 CHAULKING Conf. 4 رے 0 0 2 METAL
3 MASONRY
4 DRYWALL
5 PLASTER 37 1 WOOD CODE SUBSTRATE 90 3 SQARE YARDS 2 SQUARE FEET 1 LINEAR FEET 4 CUBIC INCH دو ٤٦ دسع UNIT LAB DIRECTOR'S SIGNITURE/DATE ANALYST'S SIGNITURE/DATE q دي Ş CHEWABLE SURFACE 1 YES 2 NO نام φ رع MONTEREY PARK, CA 91755 و Q 25 CUPANIA CIRCLE N-NEGATIVE P - POSITIVE 2 MODERATE 3 HIGH CONTACT CODE 1 LOW PERCENTAGES WATER TSUG OTHER 300 CODE

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SAMPLE #

BLDGJFLODR

DATE

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SURVEYOR(S):

PROJECT NO.

<u>_</u> 6

10

PROJECT:

CHEE FEMILIE /POSTS

03 DOOR, HEADER
04 DOOR, JAM
05 DOOR, CASING
06 STAIR, TREADS
07 STAIR, RISERS
08 STAIR, STRINGER

01 WATER

0

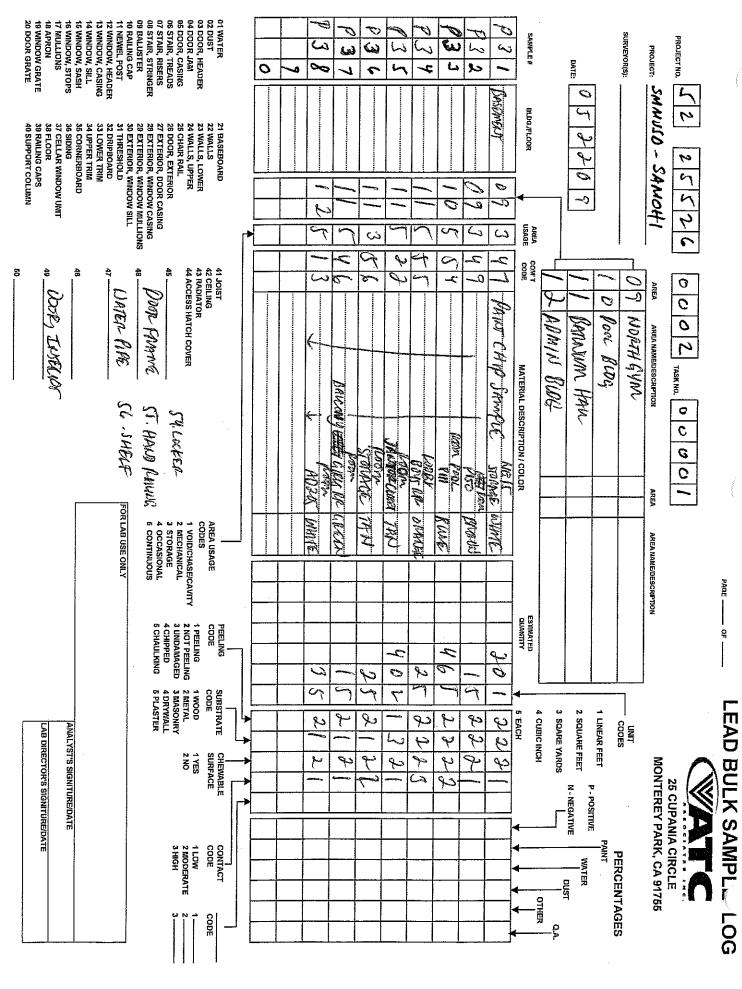
CT.

نم ~

12 WINDOW, HEADER 13 WINDOW, CASING 14 WINDOW, SILL 16 WINDOW, SASH

11 NEWEL POST 10 RAILING CAP 00 BALUSTER

19 WINDOW GRATE 20 DOOR GRATE 18 APRON 17 MULLIONS 16 WINDOW, STOPS





6002-40-50

52.25526.0002 Project No.:

Dalo:

Task No.: .

Inspector(s): __

Clork SMANUSD - SANTA MONEA H.S.

Survey Location: 601 Pico Bull Sharp MUNDCA CA

1482 /1332

Soros

		<u> </u>]							-					<u> </u>
Result (mg / cm²)	0.0	0.0	1.0	0. j	1.0	0.0	9.0	2.0	1.0	1.0	2.0) 0	٥٠٠	0.2	ر ن ک
Calor	~h.90	, .	<i>y</i>	>	181VE	white	white	white	-7	13 1/E	white	Jh: h	-7	Blue	Jhite
Substrate	Drysul 11			- 2	Me9-1	CONCRETE	stee/	Imsala	-7	1-40W	(عما ورجاية	012 Wall	-7	Cermic	Porcelain
Surface	//~/^			フ	Window From p	SUPOrt Colum	Natural 3-5 pipe	111-7	>	1,ncox	Supart	1/~/	>	W-11 tile	YI VIS dow
Location N,E,S,W	E	8	3	٤	Z	~	Z	7	ν	>	۲	>	3	2	3.5
Quantity Of Load	٠				8 EACH					22 EALT					
Condition Of Paint	⊢ •														
Room / Arou	Science - 5107P							5/07				F105A			
Floor	152														-1
Sample No.	600	500	900	007	0 0 0	600	010	110	012	0 13	410	0 15	910	10	0.0

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CONDITION OF PAINT:

COMMENTS:

11514400

9 r c

I INTACT F FAIR - Smail Amount Flaking P POOR - Large Amounts Flaking

P. PAGE __ XRE LEAD BASEL INT SURVEY

25 Cupania Circle Monterey Park, CA 91755

Client SMALUSD SANTA MONEA H.S. 60-60-50

Survey Location: 601 Pico Burto.

Spectrum Arabyzor ID #: 1482 / 1332 20409

SANTA MUNDICA CA

Inspector(s): --

52.25526.0002

Project No.: --Task No.: __

Date: |

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CONDITION OF PAINT:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Plaking

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4.5. Spockum Analyzer 10#. 1482 / 1332. Client SMAUSP - SASTA MONEA H.S.

Survey Location: Gel Pico Build

52.25526.0002

Project No.: -Task No.:

Date;

60-60-50

Inspector(s): ---

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Logation N,E,S,W	Surface	Substrate	Color	(mg / cm²)
787	15%	51018	7		Ņ	11-3	PLSTer	istue.	0.0
× 35		10/5	F	276-611	2	window Granp	motel	~ hite	1.0
		_	4		3	. II->x	Plaster	white	1.0
200				•	2	SUPPLE	concrete.	24:4M	0.0
200		8/0/10			>	1100	5/2010	Brown	0.1
0 0		5/00			3	11-1	Dry well	~ h.9e	6.4
3			—		7	-3	-> >	~?	5.0
2 3			H	23 Ech.	N	Win gow	-6au	81VE	i
		20/>	M		8	3	Drawell	24:4~	· •
		+-			12				2.0
			7	21 E-ch.	n	10 10 10 10 10 10 10 10 10 10 10 10 10 1	meg /	11/2	0.1
7 3 4		5/020	1		Z	11-1	11-MENO	white	Ö
c, 2,		1-2/-S			7	Door	metil	814	00
2 0 40		3102F-A	_		3	1-12	Draw-1	~hrt	0
1 2 2					\$	Window Frang) bour	RIVE	8.0

CONDITION OF PAINT.

9 100 P

COMMENTS: NO REIN

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

| P

XRF LEAD BASEL JINT SURVEY

25 Cupanla Circle Monterey Park, CA 91755

65-04-09

52.25526.0002

Project No.: Task No.: _

水

*

Date

Inspector(s): __

SUNNY LOCATION GOI PICO BLUD, SANTA MUNICA, CA GOYDS

Result (mg / cm²)	0.1	0.0	1.0	1.0	0.1	6.1	5.0	0.5	2,0	4.0	0.7	0.1	7.0	6.1	0.7
Color	Blue	えずれ	Blue.	white	Bire	Brown	whige	'	Blue	Brown	Blue	Boun	くだら	who re	B/Ve.
Substrate	meki	D/2m2-11	/~62m	CONCREGE.	cormice	7)	Porce Lin	-)	1. born	Ceremi's	Cermic)	Virjassiad.	1-82m	meg. 1
Surface	Window From 4	>	Win dow	Support	ノイルだっ	-)	Sink	to:10%	1000 m	Floor Tile	W-11 77/C	-5	もらかれ	Sink	Window
Location N,E,S,W	٧	3	η	5	3	-)	3	}	٨	Croker	7	->	5	Z	7
Quantity Of Lead	8 Ench		23 Ench.	•											76c6h
Condition Of Paint	H		1-4												7
Room / Area	5/02PA	70/5		-1	840/S						5/04/3				-(
Floor	152			•											
Sampie No.	650	050	150	0 52	0 53	75 0	0.55	950	0.57	0 58	0 59	090	190	290	0 63

COMMENTS:

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CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

P. PAGE |



60-60-50

Project No.: -

Task No.:

52.25526.0002

Survey Location: 601 Pico BLVD. SANTA MUNICA, CA GOYOS inspectants):

Result (mg / cm²)	0.0	1.0	0.)	6.4	1.0	2.0	2.0	0.0	0 %	2.0	6.0	5-0	0.0	1.0	\ \ \ \ \
Color	Alve	Blue.	1310e;	1. h. Re	- 7	15/VE	13 NE	Bluc	フ	Nike	BWE.	nlve	ay iym	J ,	- Sign
Substrate	CONCIPLE	Dregue-11	metel	Concrete	-7	Cerami'L	MAL!	1220	7	concrete	meg	met-	CONCIALE	Drozwell	Dry~-/1 ~hige
Surface	Imm	Centino	Electrecul Conduent	1120	-)	ントニャル	Door	Dour L	9	71-1-	H-40 rai	winds w	11-1	P	1-1
Location N.E.S,W	N	Center	ß	. 2	V	\chi \chi	3	ک	V	£ ,	7	'n	E	Z	`^
Quantity Of Lead			18 Each						10 Ench						
Condition Of Paint	7		W					-7	u	Å					7
Room / Area	24015	•	7	Hallway						Erst Stirming		> 200			dee2S
Floor	122			·							7	Puz			7
Sample No.	751 490	590	990	290	890	690	6.70	160	260	073	240	075	960	110	9/9

X

COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

님 PAGE



60-40-50

Date:

52.25526.0002 Project No.: ---

Task No.:

SULVEY LOCATION GOI PILO BLUD, SANTA MUNICA CA GOYDS Client SMANDSD - SANTA MINURA 4.5.

Inspector(s); -

Sample No.	Floor	Room / Araa	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
020	2nd	do025	7		کر	11~/~	Drayw-11	wh. to	1.0
080					7	المرابع المرابع	Not.	Blue	5.0
081		-\			3	. 11-M	11-20-11	シルン	1.0
588 x	,	2025		20 E-ch	8	Windon/	120m	13/4	1.0
083					N	Colume	Contrage	Shi Pr	1.0
0 84					>	11-12	Dryman	2000	<u>'</u> '
0 85		5204	N	23 E-ch.	N	سر، ۱۹۹۵ سر تدر، ۱۹۹۵ سر	me 7-1	13 lve.	1.0
980					}	11-00	1 ma 6/10	white	2.0
0 87		8204A			3-	V-11 tik	J'harros	1312	2.0
088					->)	-)	Brown	0.0
089					7_	Sink	Percelin	white	· 2.0
0 90						Urine /			2.0
60					>	To 128	>	->	2,0
095				5 E-ch.	5	window Grundow	meg.	Blue	0./
093	-7	->	-7		Center	Floortile	CERMIC	Brewi	٥.٧
COMMENTS: N	NO Kens	to 5204P		-					

X

CONDITION OF PAINT;

*

I INTACT F FAIR-Small Amount Flaking P POOR-Large Amounts Flaking

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PAGE __

25 Cupanio Circlo Monterey Park, CA 91755

60-60-50

Date:

52.25526.0002 Project No.; --

Task No.: _

Survey Location: 601 Pico Buro, Sharin Mannayar ID#: 1482 /1332 Inspector(a):

, 			-					·		i					
Result (mg / cm²)	1.0	2.9	5.0	₹-0	2.0	5.0	1.0	1.0	<i>o.</i> į	0.3	1.0	0.0	1.0	0.3	9.9
Color	13/UE	Brown	abin'm		ラ	B/VE	Wh. Re	346	74.gr	white	Blue	72.40	white	Blue	ー)
Substrato	2 (mon)	J	Porcelin		-7	1 Bour	Diswell white	Cerowit	MOPSINK Parcelain	Mrg.	mak (11-2520	CONCIPLE	tronu	ウ
Surface	11/1/e	7)	· NU:5	1-0:10	toiler	From E	11-70	W-117.K	Yurs dow	(ondored	ورصعير	117	syppies	wirlow form)
Location N,E,S,W	M	·	7	Ę	\$	8	Ŋ	-)	× ×	Z	>	3	٤	>	}
Quantity Of Lead	H			•		4	А				12 Ech				
Condition Of Paint	7				-7	f	١,				H				ラ
Room / Area	87048						2504C				5207			\$205,	-7
Floor	puz			,								٠.			- 57
Sample No.	094	95	96	67	8	00	00/	101	102	103	401	501	901	107	108

CONDITION OF PAINT.

COMMENTS:

X

INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

PAGE _

XRF LEAD BASEL ,INT SURVEY

A 8 50 C I A 7 11 6 25 Cupania Circio Manteray Park, CA 91755

60-40-50

Date:

52.25526.0002 Project No.:

Task No.:	,	Inspector(s):	3);						
Samplo No.	Floor	Room / Aroa	Condition Of Paint	Quantity Of Lead	Location N.E,S,W	Surface	Substrate	Color	Result (mg / cm²)
60	276	5205,	$\mathcal{I}_{\frac{1}{2}}$		``	11-1	11-25ig	wh.42	6.3
110					8	SUFFIE	- >	-J	6.3
///		5.20SP			>	. 112	11-2-11	م أبر الله	6./
112				•	Υ.	Natur-1 2-5	اساه طرد إ	ラ	0.)
113		585A			7	win dow	met.]	B/Ve	0.3
114						1000 V FV- mic	megil	Blue	6.1
115		1803			>	window Frank	MOR!	Blue	5.0
9(1					3	17%	Dry well	عرا، الم مراء المح	2.0
117					2	Support Colum	CONCRETE	white	1.0
113	-	d/025			7	= '}	الدسلام	74. h	6.0
611		18/12/5		:	Ę	12-5 12-5	معاش لا- ا	7	. 0.0
021		¥ 102.5		B e-ch.	N	trans	megal	Bire	0.)
121		7			Ŋ	Door E	7	7	0.0
122		25°(-		ス	Variado m	1-62W	18 WE	6.0
123	(د		Ą		3	11->20	Dropu-()	white	1.0

CONDITION OF PAINT:

No Kris to SZES B

COMMENTS:

X

i INTACT F FAIR-Small Amount Flaking P POOR-Large Amounts Flaking

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05-04-09

Project No.: 52.25526.0002

Task No.: __

Survey Location: 601 Pico Bury, Shutta Manica ca Goyas

Inspector(s):

												·	 -		
Result (mg / cm²)	0.0	0.0	ξ.0	0.0	6.2	5.0	5.0	0./	6.1	(.7	. 9 4	9.1	0.3	1.0	2.0
Color	18/1/2	カルルの	- >	Uness	18/42	~)	11/2	2018	Brown				white.	7	18/22.
Substrate	motel	CONCYPARE	J	176260	פנייטיינר	mrk-1	12000	1 macar 1	मुका १४३ १				1120	CONCRORE	1 you
Surface	Windown Floor	11-10	7	1001/20	-12 37 57 57	لاتباع	Dood	Dool	12				11-12	7	J'Adom
Location N.E.S,W	E	N	>	Z	2	`\	}	ર	3				2	}	7
Quantity Of Load	•							17 E-ch.					:		
Condition Of Paint	H								7			1	4		7
Room / Araa	Science Hallwas								1 HVACrown	MIDSHIFT CAURIATION			Pechnolosy-T113		
Floor	5 Puz							<u> </u>	31 d floor			-	152		
Samplo No.	124	125	126	(2)	128	621	130	131	132	133	134	135	136	137	138

COMMENTS:

CONDITION OF PAINT.

i INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

- 0F PAGE



60-60-50

52.25526.0002 Project No.:

Task No.:

Inspector(s); _

Survey Location: Col Pico Deuv Shutta Manney CA GOYOS

Room / Area		Condition Of Paint	Quantity Of Lead	Logation N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
34 15 2.	18c 4110/08/ 1-111	7	·	4	1	11/10/11/1	2 =	Ŏ
				iV	-) ·	ر)	ر. ر	0.0
				\sim	of Mon	ore the	Blue	p.0
			•	~	Joog	125 m	J	p.o
	7-109			2	1100	2017407	26.ym	2.0
me.				λ	Frank	1-00-	3126	þ. 0
	7-167			7	= '}	כימרופינד	06.4 m	2.0
				٧	mindon	1 76200	BING	4.0
				>	Doorfilme	P	1	h.0
	201-1			2	1-1	Maryarde	White	9.0
				3	1	भन्यध	Jr. Pe	. 2.0
				Center	Syppor E	Market Co	-7	1.2
				>	window	meg-1	8 ME	0.3
				Centor	Floor	contro-re	. gr~V),	/ ŏ
ر	1	7		\	Jast	megn (13/40,	0.0

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Fleiding P POOR - Largo Amounts Fleiding

병 PAGE ...



60-40-50

Project No.: Tosk No.:

52.25526.0002

Client SMMUSO SANTA MONEA H.S.

Section 1

Spectrum Analyzer ID #: 1482 / 1332 MW/NCA . CA 90405

Survey Location: 601 Pico buvo.

Result (mg / cm²) てら 0.3 0.0 0, Ó 7.6 0 0 Ö ô <u>0</u>. 18/1/e 14.PC 7/1/ge 18 lue. 15 to アドア 13/26 Percelin wh. 7 Color ンかった 13/46 01270 Cermi C J. wisso Substrate men nog meh 4 Stat. のなれ Electrical Conduces ブーニキー Dask 1 Frank 100 Door Surface とがなっ Sink 1 Location N.E.S.W SI اخ 3 3 7 Λ N 7 ડ્રે > Erch Quantity Of Load 30 CF Erch Condition Of Paint 4 4 H Inspector(s); 1-156-1 **クランヤルシ** 705 1/05 Room / Area Techno bay Floor Z 64 59 62 N 0 スス 63 Ø Sample No.

CONDITION OF PAINT:

INTACT

FAIR - Small Amount Flaking POOR - Largo Amounts Flaking

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31-6

Corm. L

7-11-17

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COMMENTS:

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52.25526.0002

60-60-50

SHANDSD - SANTA MANGA H.S. Spootum Analyzer ID# 1482 / 1332
Survey Location 601 Pico Burd, Sharta Manney CA GOYDS

69 15 Technolos Techno	Task No.:	,	nspecipi(s):	(8):					*	
15L Techology Lucy R, R 5 5 7 4 Pore-Lin White 15L Techology Lucy R, R 5 5 7 4 Pore-Lin White 15L Techology Lucy R, R 5 5 7 4 Pore-Lin White 15 15 15 15 15 15 15 15 15										
9 182 Teckology Funty, R.R. 5 5:04 Recelly white of the control of	Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Rosult (mg / cm²)
20 21 22 23 24 24 25 25 26 27 26 27 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	169	152	かられる	8. R. S.	•	η	Nu.s	Porchin	5 2 2 X	5.0
72 74 75 75 76 77 76 77 76 77 77 78 79 70 70 70 70 70 70 70 70 70 70 70 70 70	120					}	חניטה /		7.	0.6
25	121	, , , , , , , , , , , , , , , , , , ,				3	toileg.	-7	, -7	5.0
25 26 27 28 29 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	172					CONBE	F/00/	Tilemil.	Brown	5.0
74	173					2	or en dow	12000	81ve	5.0
75 76 77 76 77 77 76 77 76 77 76 77 76 77 76 77 76 77 76 77 76 76	174		7/038			3	1/2	11-12510	Yellow	5,0
76 77 78 79 79 79 70 70 70 70 70 70 70 70 70 70 70 70 70	1 75					2	7		Blue	-0
77 98 99 14 15 15 15 15 15 15 15 15 15	961					>	Door	mc K/	RIVE	00
30 Th 3 Nite 1 810e 30 T/C/L N Will Diz, White 82 T/C/L E Room Mar! 1810e 81 L L R Room Mar! 1810e 83 V T/CO N N L CONCER 5	1.37		1			2	Door	7	7	0.3
30 T/01 N WILL Slue 31 N WILL OUS White 31 T 100 T 100 T 100 N L CONCORE S 33 V L CONCORE S 34 N L CONCORE S	178		T63			>	11-1	Drayw-	と言わ	4.0
30 T/01 N WII DIS, White 82 Exime mer. NIVE 82 S. T/00 V I CONCORE 5 S. WO WONTH OF C. 1 B.	179		7			>	Window Frame	mof.	13/26	20
31	180		1/0/1			>	100	にだり	2 ym	1.0
32 V T 100 V L CONCERT 5 NO WENT 1 DRE-K W. E.	181		7			E E	Door France	megr	カルモ	8.0
33 V, L OS. C. 1 B.	182		00/1			4	5.5	18-K	3,000	0.0
No New to T103, C-1	1 33	>		7		Z	7	COCCERE	-7	5.0
		ll .	40	1-6						

CONDITION OF PAINT;
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

PAGE



65-04-09

52.25526.0002 Project No.:

Task No.: __

Client SWANDS - SANTA MONRY H.S. Spectrum Analyzer ID #. 1482 / 1332
Survey Localion: 601 Pico Buro, SANTA MUNDICA, CA GOYUS

Inspector(s):

	- 7	-													
Result (mg / cm²)	- -	0.	0.0	0.1	2.0	4.0	ò	2.0	0.0	0.1	<u>٠٠</u> ٥	6.1	2.0	0.0	2.0
Color	B/ve	مريد يو	 -9	Blue.	white	13/1/2	mp!ym	431-re	7	M.Re	18100	whise	Uress	- Lh. R	B Jow 17
Substrate	7 (wy)	Porce/Lin	7	mog_/	D/2w-11	mer 1	11-2010	126 and	negal	Ores!	Ceramic	-7	Column (Porcelin	7,cms,00
Surfaco	17.10	Sink	1016g.	1001	7	Winds T	= 3	Let Niv	Door	125	7411-	Wis for	ブーニたん	701.05	floor F.He
Location N.E.S.W	7	c	-7	٧	É	N	7	Ŋ	η	2	Ν	N	7	73	CENTEL
Quandity Of Lead	•														
Condition Of Paint	H														-7
702	100 A. A. A.				7/02,	7	T162A			710213			77026		-1
Room / Aras	Technolog														
Floor	138,														1
Sample No.	184	185	186	187	88	289	190	191	192	193	194	195	196	797	961

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

PAGE OF ...

XRF LEAD BASEL , INT SURVEY

A & B D C I A T E B
Z5 Cupania Circio
Monterey Park, CA 91755

80-40-50

Project No.:

52.25526.0002

Task No.:

Inspector(s):

Survey Location: 601 Pico BLUD, SANTA MUNDOA, CA GOYDS

1	Result (mg / cm²)	0.0	5.0	ho	0.0	0.0	70	20	5.0	0.1	0.3	. 4.0	<i>)</i> .	2.0	1.0	2.0	
		-		9									<i>o</i>		<u> </u>		
	Color	whi Le	13/00	7	Nh.2e	Blue.	72-22	KIVE	7	white	BIVE	RIVE	white	Blue	ンがっ	Blue.	
	Substrate	(oncrete	mer.	7	Drugwell	Zet.	Mynel	mogn	٩	11-2 610	meg-1	mehl	11-160	mely	なるなっている	met-	
	Surface	//~/^	Dool	2000	1-1-	Door		Dest	1.200 J	110	Doot From	webn'm	11-~	wohny	=	10/0/20	
	Location N,E,S,W	>	V	-9	3	٧	E	V	2	2	N	3	N	2	V	ላ	
O	Of Lead	•			•												-
Condition	Of Paint	4												· · · · · · · · · · · · · · · · · · ·	,	ラ	
	Arua	7/04			7-106	-	7/08			7110,		7/12,		T	71/2,A)	A
	Room / Araa	Technology															1/1/6
	Floor	/s £														-1	NO Key
		199	200	102	202	2 03	204	502	902	207	208	602	2/0	211	212	213	COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Smail Amount Floking P POOR - Largo Amounis Floking

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XRF LEAD BASEL . JINT SURVEY



60-20-50

2.0 0.0 0.0 Result (mg/cm²) o o ó; ∾ o o 8.0 0.0 ر ن o S 20 0.5 ં 9 White wite 24.7 7 2 26 あびて、 ノながり 13/2C BIVE 2/20 22.42 양 Brow Spectrum Analyzer ID # 1482 / 1332 May NCA CA 90407 My well conser J.wasos Bredin אזיי בידא mera Ceremin Mymell more megul Substrato 1 back meg. Wall #16 Door JUS Day 10, let Window Evene 1-1 France 7 Door wildow forms 1207 1-12 SINK Surface 7 1-1 (enger Location N.E.S.W M 7 E SAG W W M CHANE SMANUSO - SANTA MONEA H.S. > M Survey Location: 601 PICO BUND. Quantity Of Lead Condition Of Paint 2 Inspector(s): 7208 T214B 72084 20 D0127 1.88B 7212 7208 A 7/7 Room / Area 47 Techno ber 52.25526.0002 Neg & 270 Ź 222 977 7-78 224 223 227 122 722 22 218 2.19 214 912 217 Sample No. 215 Project No.: -Task No.;

CONDITION OF PAINT.

COMMENTS:

FAIR - Small Amount Flaking POOR - Largo Amounts Flaking

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XRF LEAD BASEL ..NT SURVEY



60-40-50

52.25526.0002

Project No.:

Task No.:

Client SMMUSD - SANTA MANEA H.S. Spectrum Analyzer ID #: 1482 / 1332
Survey Location: 601 Pico Buvo, SANTA MUNDCA, CA 90405

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ı.
<u>;</u>
spect
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## ##,	<u></u>		0-								./		1		
Result (mg / cm²)	5.0	4.0	0.3	o'	0.3	\ 0 0	20	Ö	, 0	0.0	۷.6	0.0	0.5	0.0	
Calor	8/46) -}	14.8%	→	1 mg	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7	Shire	975-2	Brown	يم	مرابه	RNE	2614m	
Substrate	Cepanic.	mon/	met-	Digwell	Coranic	Porce Lin	-9	mege (CONCIME	Ceremic	Porcel-in	meg.	megil	11-1- G1B	
Surfaco	V-11 2/18	Lindon From L	Electricit	Ceiling.	JIII TIM CORMINC	Ulina	Tolled	5:n N	fbor	ジラ	Poite a	2.07	window	11-1	
Location N.E.S,W	7	مر	Λ	(ent-1	3	٦	^	3	(2) 26	E	7	3	N	3	
Quantity Of Lead	•														
Condition Of Paint	7														
ক্র	120,38			4	75066				-	T206B		1	7206		
Коот / Агва	Tech molosy														
Floor	Sud														
Sample No.	622	230	23 1	232	233	234	235	236	237	238	239	0p2	102	242	

COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

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XRF LEAD BASEL , NT SURVEY

A & & O CI A TE & ZS Cupania Circio Monteray Park, CA 91755

60-40-50

52.25526.0002 Project No.:

Task No.;

Inspector(s):

Client SMMUSU - SANTA MONRA H.S. Spectrum Analyzer ID#: 1482 / 1332
Survey Locallor. 601 Pico BLUD, SANTA MUNICA, CA 90405

		Γ	Ī		l	1				<u> </u>	Ţ		•			
Result (mg / cm²)	0.3	8.2	1.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	. t.0	00	1.0	2.9	4.0	
Color	HIVE	Whige	13/60	Blue	white	white	while	Blue	white	7	Bluc	13/VC	q	~h.2	Blue	
Substrate	megal	Dragwall	me qu-	meg-1	Dry w-(1)	1) makerall	meg-1	meti.	Dry 1-11	Dry dell	1-pom	mel-1	- >	(makeo	mog-1	
Surface	Vindon From E	11 + 3	Door Frome	Window From E	112	1-1-3	Door	Ting on franch	1-1	7	1.100 V	Now fore	Window Franch	= '	window forme	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Location N,E,S,W	Ч	'	7	3	3	N	7	V	7	N	8	7	7	Sag	*~	No Kos
Quantity Of Load																202 R
Condition Of Paint	٧٧-														- ->	-
Room ! Area	Technology 7204			7007		1202L	_	T202A,	7	7200		7	720 (,		7203	6 1223
Floor	Sud														7	Alo Ve
Sampio No.	244	245	246	142	2 48	622	250	251	252	253	452	255	256	257	258	COMMENTS:

CONDITION OF PAINT.

I INTACT F FAIR - Small Amount Flaiding P POOR - Large Amounts Flaiding

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PAGE



65-04-09

52.25526.0002

Project No.: -

Date:

Task No.:

CHONE SMANUSD SANTA MONDER H.S. Spectrum Analyzer ID #: 1482 / 1332
SHAYON LOCATION. 601 PICO BLUD, SANTA MUNICA, CA GOYDS

Inspactor(s):

		1	T	Т		1	1	1	ī	T	T	- -	-	ī —	<u> </u>
Result (mg/cm²)	۲٠.	2.0	0.0	h.0	9.0	5-0	0.0	0.7	2.9	0.7	. 1.0	ئ ن ن	3.0	2.0	0.0
Color	white.	This &	Mac	Blue	Thire	5/2c	これられ	Blue	white	7	51ve	ラ	مه پلا	312	アなれん
Substrate	Dra mall	11-26,0	meth	megal	Drywell!	1 Hora	Drysell	mega/	Byrall	-9	Jues.	-7	Mysuch	mek/	01500
Surfaco	11-1	= 1	Door France	4.2007 FONDE	11-/~	Finder +	= 1.	Windor brone	= 1/2	11-15	D00 /	くがる アナメーカー	5,3	1.2001	t/care
Location N,E,S,W	2	7	ک	Z	Szz	7	Ş	7	R	Ч	η	~	h	2	\
Quantity Of Lead	•			•											
Condition Of Paint	Ť											andresia de la compansión			 -)
Room / Area	Technoly T203	7205.		7207,		1209,		7211,		7213,		T215,		T217	7
Floor	Puz														ラ
Sample No.	259	260	192	292	592	192	265	292	292	892	592	2 70	27)	272	273

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaiding
P POOR - Largo Amounts Flaiking

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60-60-50

52.25726.0002

Client SMANLO - SANTA MANEA H.S.

59.67

0.0 Result (mg/cm²) 0.7 1+0 0.5 0. G *~ o* 5.0 9 O 6:4 9.3 2:0 ö ò 131VE Freen B 76 かなく 1 = 1 = 1 D/B B/VE 872E <u>5</u> Spectrum Analyzer ID #. 1482 / 1332 Man/104, C4 90405 りでいる4 Design かった Ce rapiz meg Substrate mot 1 mer Mog Lings Joseph Jos Cacher window prompe poor 17 Door Wirlyow From E Surface Door 1/1 まれ Location N.E.S.W M 7 V 3 Z Survey Location: 601 PICO BLUD. Quantity Of Lead Condition Of Paint M Inspector(s): END OF SHIP CAUBINERIAL To ([week 12.19 A-11 Jaco Room / Area Technobyl Technology Floor かり ... !!! 93 9 278 19 83 784 582 136 278 É 9/2 187 77 $\overline{\omega}$ Sample No. Project No.: ... J 2 2 \sim \sim N Task No.: . V 2

COMMENTS:

CONDITION OF PAINT:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

b

PAGE _



5-5-09

52.25526.0002

Project No.: --Task No.:

Date

Client: SMANUSD - SANTA MINNEA H.S. Spectrum Analyzer 10#. 1482 / 1332 Survey Location: 601 Pico BLUD, SANTA MUNDICA, CA GOYDS

Task No.:	,	Inspector(s):	r(s);						
Sample No.	Floor	Room / Araa	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
289		Calibration		•				-	1.8
290		٠						4	1,6
79.1		->						3	1,7
292	1st Floor	Business Bldg Room BIIS		•	Z	Wall	Concrete White	White	0,0
293					711			San	0.0
194 J					S			Baueray (gyanari	0.2
295					3	->	\rightarrow	ويستوند ومساورتها	0,0
296					S	Window	Metal	e e e e e e e e e e e e e e e e e e e	0.3
297					M	Electrical	. 1		 O
298		BIISA				Wall			0.5
299					Z	→	Drywall	->	0.0
300					Z	Boor	Metal	Bluc	7,0
301		1812GA			3	Wall	Concrete White	White	0,3
302					Z	>	Drynall	 >	0.0
303	-				Z	000 r	Metal Bluc	Bluc	0,0

COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

PAGE _____ OF __

XRF LEAD BASEL INT SURVEY



52.25526.0002

Project No.: Task No.:

Date:

Clone SMAN SO - SANTA MODER H.S. Survey Location: 601 Pico burb

Inspector(s);

Spectrum Analyzer 10 #. 1482 / 1332 MWNDCA, CA 90485

E Mes

O O Result (mg/cm²) 0,7 О О 6.3 0,7 0,3 0 O J Ö Ö Ó Õ Ö Brown White Ceramic Brown Plastr White とがよ $\sum_{i=1}^{\infty}$ <u>당</u> Plaster Plaster Plaster Ceramic Porce Drywall Matal Metal Wood Metal Substrate Cabinet Wardow Frame 7001 1704 Column Nall 3 1 2 = 6 3 000 100/1 スピア Surface Toilet No. Wall Location N.E,S,W $^{\circ}$ 3 3 Z U 3 3 Z 711 3 Quantity Of Load Condition Of Paint Hallway Room / Aroa \triangleleft U B126 R B124 8126 13120 B12 15+ F/00/ Floor 308 3/2 318 38 310 307 313 308 2 317 びに Sample No. 5 304 くって 305

COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

Я PAGE .

XRF LEAD BASED ...INT SURVEY



5-5-09 Dato:

Project No. 52. 25726.0002

Task No.:

Inspector(s);

Survey Location: 601 Pico Buru, Shata Munica, ca 90405

Room / Area	Condition Of Paint	Quantity Of Load	Location N.E.S.W	Surface	Substrate	Color	Result (mg / em²)
74		•	m	35 Sept 3	Metal	シイナ	りな
			Z	Window Wood	Wood	. , .	0,1
8122			Ш	Wall	Concret	p	1.0
**************************************		•	Ą	Wall	Drywall		O,O
→			Z	7007 7007 7007	Wood		0,7
الماسينية			3	الم الم	Concrete		7,0
			Z	->	-		0,'
			S	Nindow Franc	Metal	- >	0,0
			S	Counter Top	Wood	White	7.0
BILLA			S	Wall	Convote		0.7
			Z	Wall	Drywall		٥ ا
			7	Cop Wit			0,0
8109			S	Wall	Plaster	_	0,0
			S	Sink	Porcellin		١٥, ٩
			3	Door	Metal	→	0.0

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Smail Amount Flaking P POOR - Largo Amounts Flaking

년 일 1 PAGE ___

XRF LEAD BASED . ..INT SURVEY



Date: 5-5-09

52.25526.0002 Project No.: ---

Task No.:

Client SMMUSD - SANTA MONRA H.S. Spectrum Analyzer 10#: 1482 / 1332
Survey Location: 601 Pico Buro, SANTA MONRA, CA 90405 CHUTE SMANUSD SANTA MODER H.S.

Inspector(a): —

Result (mg / cm²)	7	0	L,		10	2		2	10				10		(,
Rei (mg/	7.0	0.0	7,0		0,5	0,3	7,0	2.0	50	0.3	Ö	Q	0,5	Ö	(
Color	White		y		\	Red	White	>	Blue	Yellow	White	e describentation	Secretary of the last	>	18/
Substrate	Metal	Concrete	->	Metal	Concrete	Metal	Plaster	-	Metal	Plaster	-	Drywall	Concrete	Metal	
Surface	Poor	Mall		Dosr Frame	Wall	Window Francis	Well	->	moprim	Wall				どいてのいい	, ,
Logation N,E,S,W		S	m	刊	W.	3	S	3	W	Ŋ	Z	3	3	2	(
Quantity Of Lead				1 each		-									
Condition Of Paint				[-]										-	
Room / Area	BIOS	8101		->	B (0) B	>	३/५५० ।०।६	>	BIOOA	->	B166 Mm				
Floar				·											
Samplo No.	334	235	336	337	338	339	340	34)	347	343	344	345	348	いたフ	7:10

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

병 PAGE ____



Onle: 5-5-69

52.25526.0002

Project No.: --

Survey Locations Got Pico Bury, SANTA MUNICA, CA GOYUS

Task No.:	,	codsut	inspector(s):						
Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Load	Location N,E,S,W	Surfaco	Substrate	Color	Result (mg / cm²)
349		B100		•	ш	Electrical Conduct	Steel	\$ \$7.3	0-
350		BIOH KR			Z	Wall	Ceramic	\$	0,0
35					Z	Window	Mctal		0.2
352					W	Toilet	Porcelin		Ö
353		Particle and processing			Ę	こだっている	>	- Walter and a second	0,2
354		**************************************			3	Sink	Steel	Name i State State	0,0
355		->			刀	Electrical Cabinut			0,1
356		18108			Z	Wall	Concrete	and the state of t	7.0
357		and the second s			Z	Window	Metal	, and the second se	0.7
358					Z	CONDUIT	Metal		ر در
359		- >			J	Wall	Drywall		0,0
350		810613			3	100 J	->		0,0
36/		-			S	Door Frame	Metal		0,0
362		BIIOA			M	Wall	Drywal		0
363	111				Ш	-	Plaster		7,0

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

PAGE

| PF |

XRF LEAD BASEL INT SURVEY



52.25526.0002

Project No.: Task No.:

Dato:

E Sept. CHENE SMANUSO - SANTA MONEA H.S. Survey Location: 601 Pico bulb.

inspector(s);

Spoctrum Analyzor ID # 1482 / 1332 MWNDCA, CA 90405

Result (mg/cm²) 0,0 0,5 M こ。こ 6,7 \mathcal{C} Ó Ó J O o, Ö Ċ Ċ 3 2 3 した。中の とれてい No. F. Color Blue Blue 1810e Plaster Correte Concrete Colorer Concrete Correte Plaster Metal Plaster Metal Metal Metal Metal Substrate Steel 一部大学の学行の Window Frame ナシアマン Frame 000 r Freizze. = 3 Door No B 5 2 2 128 3 2 2 3 2.8 5.8 2.9 Surfaco Post Location N.E.S.W 3 3 3 S \bigcirc Z - Sange Z Z Quantity Of Lead Condition Of Paint 8149 Hallway Business Bldg Stairuell Room / Area BUSINESS 10+ Floor 2007 20 \circ \mathbb{Z} ω (X)2nd Floor ISTFloor 뒤으 360 366 370 367 373 372 378 376 369 375 377 25 ファッ Sample No. 365 プのア

COMMENTS:

CONDITION OF PAINT:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

| |-|-PAGE

XRF LEAD BASEL ..NT SURVEY



Date: 5 - 5 - 09

52.25526.0002

Project No.: -Task No.: 1

Inspector(s):

SURVEY LOCATION: COI PICO BLUD, SANTA MUNICA, CA GOYDS

Sample No.	Floor	Коот / Агаа	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surfaco	Substrate	Color	Result (mg / cm²)
379	2nd Floor	8200		•	3	Wall	Concrete	White	O.4
388		**************************************			3	Very march	Metal		o I
188					Z	Door Frame	- >		<i>o</i>
785			エ	1 each	S	Sink	Porcela	and the second second	0.0
% \$\$ \$\$		8707	H	456 So, F.	S	3	Concrete		∞
785					Z	\$1000 \$1000	Metal	gas a ga	D,0
588		->	Н	152 Sq. ft.	Z	Wall	Concrete	2000page (400°0°0°)*	7.7
988	_	B204 A	H	tf. 80 011	.3	->	Plaster	mercial cons	<i>!</i> , O
387		F.P. William International		•	4	Door Frence	Metal	emater water to the second	2,0
388					32	Mop Sink	Porcelin	,	7,5
685			11	1 each	NE	cabinet	Wood		べく
390		B204 Women RR			Z	Noll	Ceramic	2.200.Tegen	0.0
39.		• 3000000	<u>بر</u> ج	- Carch	Z	Window	Metal		0,
392			ガタご	l each	Z	Window Cosing	んっていた		í, O
393		>			3	Toilet	25.50 S-25.15	· · · · · · · · · · · · · · · · · · ·	0,0

COMMENTS:

CONDITION OF PAINT:

i INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

님 PAGE

XRF LEAD BASEL JINT SURVEY



Client SMMUSD - SANTA MINDEA H.S. Spectrum Analyzer ID# 1482 / 1332
Survey Location: 601 Pico Buildy, SANTA MUNNEA, CA GOYDS

Inspector(s); --

52.25526.0002

Project No.: Task No.:

Dato:

Samplo No.	Floar	Room / Aroa	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
397	2nd Floor	2nd Floor 13204 Women KR		٠	V	Hand Metal	Metal	White) <u>(</u>
395					3	STAR	raums	-	O, 2
395		A MORPHISCAN SIGNATURE SI			U	万つ	Ceramic	Brown	7.0
397				•	S	sob O		18 lue	0.0
398		BZOG			Z	Window	}	White	<i>50</i>
300			H	270g.ft.	Z	Wall	Concrete	g of the William Constitution of the Constitut	0"]
don don				******	5	>	->	nganggagang Sp. dalah b	0,0
79			Н	l each	5	Sink	Porcelin	aggent (Films Lett)	٥ ٥ ٧
407		^			11	-4-	Wood	www.groo	Ö
403		K208			2	Nail	Concrete	: <u>Janus (</u> (0,5
スタカ					II)		Plaster		7°0
59h					M	いいいんのい	Motal		0,3
404					5	000r		->	Ö
407		→	-		3	· >	>	· Brown	O,S
40€		13207	Н	200 sg. ft.	巨	Wall	Plaster	Plaster White	O.
COMMENTS:	0206 BFGice	SFFICE NO ACCESS	25.5						

CONDITION OF PAINT.

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounis Flaking

| | P

PAGE



5-5-69

Date

52.25526.0002

Project No.: ...

7 7

Sample No. C 07

Task No.: -

Clour SMANUSD - SANTA MANNER H.S. Survey Location; Gol Pico Burto

Sopro Bar

Spoctrum Analyzer ID #. 1482 / 1332

90405 MUNICA CA

Result (mg/cm²) o 0 0,0 Q M O O ∞ ó Ű concrete White N. F. <u>ත</u> ලබ Color Porce! Metal 2 star Metal Substrate Vindow Frame Erame Poor Frame 7007 7007 805 3 Surface Door Sink Location N.E.S.W 3 3 丌 3 2 Z र ४ Quantity Of Lead Condition Of Paint 1 Inspector(s); ---Return Calibration Callbration Room / Area B 205 13207 Floor 777

CONDITION OF PAINT:

N

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ь Н

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Corpete Whit

Note I

History Blas

1st Floor

777 27%

COMMENTS:

0 7 7

D T

<u>1</u>

<u>1</u>

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Meta

سولارايرا ترميرهمة

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i INTACT F FAIR - Small Amount Flaking P POOR - Larga Amounts Flaking



5-5-09

52.25526.0002

Project No.:

Dato:

Task No.:

Client SMMUSU - SANTA MONROA H.S. Spectrum Analyzor 10# 1482 / 1332
Survey Locations 601 Pico BLUD, SANTA MUNICA CA GOYOS Inspector(s):

Samplo No.	Floar	Room / Area	Condition Of Paint	Quantity Of Load	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
47.4	1st Floor	00 1		•	Ξ	Door	Metal	White	0,0
42.5		Hiou			3		Corecte	, ·	0,3
17C		,COT CATE DE LA CONTRACTOR DE LA CONTRAC			3	Window	Metal	,	りつ
477	-	→		•	5	Wall	Driverall		0,0
478		H104A			W	Wo.∭	Concrete		Ö
2					M	Window			0,3
430					-				0, 1
~ ~					M	To: 104	Porcelin		70
43.7					Z	Sink	Metal	->	0,2
433		•			2	Floor	Ceramic Brown	Brown	0,5
ずい		HIO4B			3	Wall	Canada	White	· O
735					3	Mall	Drywall	ge entre yearnesis d	h'0
435					M	Toilet	Porcelin	- NIA-1114	0.0
437					3	アンプ	_>	•	2,0
438		\			U	Ceiling	Drywell	_>	9,7
COMMENTS: NO	No access	155 to H102							

CONDITION OF PAINT.

i intact F FAIR - Small Amount Flaking P POOR - Langa Amounts Flaking

님 PAGE

XRF LEAD BASEL INT SURVEY

25 Cupania Circio Monterey Park, CA 91755

Client: JAMUSU - SANGA FURNIES H.S. Spectrum Analyzer 10 ft. 1482 / 1332.
Survey Location: 601 Pico BUND, SANTA MONDEA, CA GOYDS Inspector(s): Project No. 52.25526.0002 5-5-09 Task No.: ..

		Ī					1					<u> </u>	<u> </u>	-	
Result (mg / cm²)	O,O	7,0	0,1	2,0	9,0	7,0	0,7	1,7	S	0.0	0.1	ر الم	- Ô	3.7	7,0
Color	White		, ,	→	Blue	·>	とんだ								->
Substrato	Medal	Concete	Metal	Wood	Concrete	Metal	>	Wood	Congrete	Metal	->	Wood	Drywall	Plaster	Metal
Surface	Sirk	Wall	Window				Window Frame	Window Casina	Wall	Door	というよっと	Window Casing		-	Krams
Location N.E,S,W	Z	3	M	3	S	5	M	3	Z	m	\sim	M	Z	ענ	3
Quantity Of Load	-			Seach		:		2 each				2 each		300 soft.	
Condition Of Paint				[/				\ \				 		H	
Room / Area	57Floor HID4B	HOG	ч			→	<u> </u>			>	\Q 			->	1118
Floor	Intloor														
Samplo No.	439	0 Hp	177	777	443	77.7	44S	944	447	448	449	450	45(452	453

CONDITION OF PAINT:

COMMENTS:

| INTACT | FAIR - Smell Amount Flaking |P POOR - Lage Amounts Flaking

PAGE OF



52.25526.0002

Project No.:

Task No.:

Date 5-5-09

Inspector(s): __

Survey Location: Gol Pico Buru, Shata Munica, CA 90405

Samplo No.	Floar	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
hSh	1st Floor	811 H		•	3	1000 in	Wood	White	0,2
455		_			Z	No	Correte	***	0,1
456		H 120			M	win dow	1 1	y - 1	O, i
457	·	d. www.community.com	H	4 each	\sim	Window Casing	د		5.1
458	-				711	Wall	Plaster		Ö
459			,	, , ,	711	Boor	Metal		0,0
460		771 H			S	Window			6.0
40,					S	Wall	Concrete		0.3
734					لا	Electrical Conduit	Metal		20
463		→			771	Poor Frame			1,0
45H		スコ			S	Window	^		O J
HGS		₩онунация			S	Woll	Concrete		7.0
466		_}			3	Door Frame	Metal		ا0,4
457		6	-		Ш	Window France	a per constitution of the second		0,0
468		>	Fair		Ш	سههاازج		->	6,3

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

P. P.

PAGE

XRF LEAD BASED ...INT SURVEY

25 Cupania Circle Monteroy Park, CA 91755

Date: 5-5-09

52.25526.0002 Project No.:

Task No.:

Survey Location: Gol Pico Buro, Shath MUNDCA, CA GOYOS Inspector(3):

Samplo No.	Floar	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E,S,W	Surface	Substrato	Color	Result (mg / cm²)
ų ga		21.0			刀	المكا	Concrete	White	0,2
470	-	7 7			U	Window Frame	Metal		P,O
12.7			Poor		J	Soliton Soliton	Concrete	y	2.0
7,				. FT	Ē	Wall	Ceramic		0.0
473	:				ς	Toilet	Porcelia	SMSSBOWNOTCUAS	0, [
725		→			\sim	Sink	Metal	W.Сфікаруднага	0,1
475		HIS			Z	RI ectrical Box	**************************************		0,(
325					N	Erectrical	À	, manus o de comercio	Ö,
477		->			Z	Wall	Concrete		ò
478		WI17A			S	\rightarrow	Drywall	G_GGGGGGGGG	Ŏ, Ţ
h 79					S	Mop	Porcelin		0.2
4 80		~			3	Door	Metal		0,1
Š		60 T			Z	Wall	Drywell		<u>0</u>
487		107			Ш	Frame	Mctal	-	0,0
483		->			ជា	1 8 1	Ceramic	->	0,2
COMMENTS:	0 A C	access to HII3							

CONDITION OF PAINT:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

PAGE

XRF LEAD BASEL JINT SURVEY

25 Cupania Circle Monlarey Park, CA 91755

5-5-09

52.25526.0002 Project No.: __

Task No.:

inspector(s): __

Client: - word - SANIA MONDA H.S. Spectrum Analyzer ID #: 1482 / 1332
Survey Location: 601 Pico Bury Sharta Manney CA 90405

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surfaco	Substrate	Color	Result (mg / cm²)
7 8	15+F1001	H 07		,	E	Urina	Porce lin	White	219
85		•			Z	Toilet	4	, . >	7.0
486		->			O	Floor	Ceramic	Brown	ġ.?
487	•	4105		•	<i>'''</i>	moprim	Metal) <i>*</i> 0
488					m	Water		are Co. Anton	0.3
489		ゔ			Z	Wall	Plaster		0,0
490		H103			M	といてよること	Metal		0
7			·	4 each	Ē	Window Cassing	Wood		3,3
7.65					<u>M</u>	112M	Concrete	OCCUPATION OF THE PROPERTY OF	٥٠١
493		->			3	Frame	Mctai		0.
पुरुष] 01 H			Z	といろのと	>		000
495					Σ		Drywell		0.5
496		>			Z	Mail	Concrete		90
497		H 12.5	-		777	Window Frame	Motel		0.1
798		-3	1-4	1000 m	コ	W/2000	bood	\Rightarrow	63

COMMENTS:

CONDITION OF PAINT.

I INTACT
F FAIR - Small Amount Flaking
P POOR - Larga Amounts Flaking

I OF I PAGE _

XRF LEAD BASEL ...INT SURVEY



5-5-09

52.25526.0002 Project No.: ...

Task No.:

Ciloni: Jamus - SANIA MONDA H.S. Spectrum Analyzer ID #: 1482 / 1332
Survey Location: 601 Pico Bury, SANTA MUNDCA, CA GOYUS

Inspector(s): —

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surfaco	Substrate	Color	Result (mg / cm²)
200	IstFloor	H12S		•	2	Mall	Plaster	H.YM	0,1
500	d. mortile year him	· •			3	8001 FON	Metri	The state of the s	0.7
Soi	All and a second	History Blog 1st Floor Hallway			M	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Concrete	ge = -a L :	0.0
205				•	m	>	→	<u> </u>	Į, O
503					Z	Door	Metal	Blue	0,
SOY					U	Wed	Cevamic White	White	2,0
SDS		-			لا	Poor	Motal	8100	0.2
305	- and the second of	and the second s			Z	الح	Drymail	White	0.2
507	المستخدمة التواض	,			Z	Nay	Ceramic	W. 1997 L. POLICE LAND	<u>.</u>
208					2	Sink	Porcelin		りる
509					пJ	というなられ	Metal	Who any ord A START.	0.2
SIG					3	Toild	Porcelix		0,1
511		->	H	60 sq. ft.	U	Floor	Ceramic	->	81
2/5)/w - 211/ E.	History Blds 15t Floor Stainine 11	•	4	Z	Hand	Metal	Blue	0.5
513	->	->			Z	3	Concrete		0.0

COMMENTS:

CONDITION OF PAINT.

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

| |-PAGE

XRF LEAD BASEL , INT SURVEY



Project No.: 52.21526.8002 Oato: S - S - 09

Client SMMUSD - SANTA Manles H.S. Spectrum Arabyzer 10th 1482 / 1332
Survey Location. Gol Pico Bury, SANTA MUNICA, CA GOYDS

Tosk No.:	<i>)</i>	Inspector(s):	;(e)						
Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
5/4	Horotroct ist & A a a	1-1 ister Bldg Stairway Landing	Fair	20 59. A	旦	といるのと	2003	25.75	2,3
26	2nd Floor	H203		1	河	といっている	Metal	\$.	0,0
5+516			1-1	5 each	É	جمراح مي ضه کمريم	Wood	ggar (Tillian essen)	1,6
517				•	. <u>j</u> u	Wall	Concrete	e siP dando-villand sepse.	0,5
818		\rightarrow			3	Door	Metal	And the State of t	Ó
5/9		H20			Z	Cop very	->	The state of the s	0.0
520					-	Mall	Concrete		0.3
52		->	:		Ņ	Poor	Metal		0,3
522		IN 205			77	Johnson	->		0,2
523		-			刀	wopulm cosing	Wood		0
524		Ghaster, eggesting o			3	Most	Concrete	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ر 0
525		>			3	tinp voo	Metal		5,0
226		Elevator Vestibule			Z	Wall	Drywell		0,0
227			•		777	0007	Metal	_	0,2
528		V			S	11 gg	つきとられ		7.0

COMMENTS:

CONDITION OF PAINT;
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

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XRF LEAD BASEL .INT SURVEY

25 Cupanta Circle Monterey Park, CA 91755

S-5-09

52.25526.0002 Project No.:

Task No.:

Inspector(s);

Client: SMALUSD - SANTA MINNEA H.S. Spectrum Analyzer ID #. 1482 / 1332
Survey Location: 601 Pico Build SANTA MUNICA, CA 90405

Samplo No.	Floar	Room / Arua	Condition Of Paint	Quantity Of Lead	Location N.E,S,W	Surface	Substrato	Color	Result (mg / cm²)
529	2 nd Floor	N 207		•	3	Wall	Drymall	White	6.3
530	A people Principles	- CONTRACTOR OF THE PROPERTY O			5		Concrete		0,0
531		~			त्रा	Door	Dettel	,	0.0
532	· ·	H 209		•	N N	2000 M	Metal		0,3
533			1-1	2 each	Ę	Window Cossing	Wood		<u>.</u>
534		Marinda and Adjustices			ᆁ	Wall	Concrete		0.4
235		->			.3	Door	Metal		C.O
535	,	H213			旦	window frame	->		0,
537			()	ر د د د	'n	with dow	Wood		3.3
538		Con. Managed M. No.			3	Woll	Concrete		0,0
539		->			3	Door From	Metal		0,2.
546		HZIS	_	:	N	Window Frame	\rightarrow	. M. — INVANATURA P	0.3
145		er yeşkelilene	1-1	S each	3	Cosing	Wood	aanko Piilanni d	0
245		agy cambridge and a			S	Wall	Concrete	2,778 (Fig. 11) A A A A	0,7
543	\rightarrow	_>			N	Courter	Wood	ant victorio (1)	0.3

CONDITION OF PAINT:

COMMENTS:

i INTACT F FAIR-Small Amount Flaking P POOR-Large Amounts Flaking

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XRF LEAD BASEL , NT SURVEY



Dalo: 5-5-09

52.25526.0002

Project No.:

Task No.:

Inspector(s);

Survey Location: Gol Pico Bury, Shuta Mumica, CA 90405

			-			*********					ï				
Result (mg / cm²)	٦, 0	0,0	0.1	0,0	0,2	0.3	0,3	0.5	3,1	0.(0.0	5.3	0.0	Ŏ	0.0
Color	White	, .	g. n. l											•	
Substrate	Metal	Concrate	Metal	\rightarrow	Concrete	Meter			Wood	Concrete	Metal	Poom	Concrete	Metal	Metal
Surface	Window		Door	Window	Wall	tiob co	Poor Frame	Window	300 V V V V	Wall	Window	_	Wall	Poor	さららい
Location N.E,S,W	∽	ς,	3	S	Z	7	711	Ŋ.	3	Z	3	3			
Quantity Of Load	•			•					4 each			4 each			
Condition Of Paint	-								H			1+			
Room / Area	H217			H218				817H			トント			→	777
Floor	2nd Floor			•										- X.	
Sample No.	544	245	ろらん	547	848	549	550	いなり	552	553	554	555	556	557	X V X

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

9 1 PAGE

XRF LEAD BASEL . JINT SURVEY

25 Cupania Circla Montarey Park, CA 91755

52.25526.0002 Project No.: Dato:

Inspector(s):

Task No.:

Client SMANUSD - SANTA MADLEA H.S.

Client: SMMUSU - SANTA MONDEA H.S. Spectrum Analyzor 10# 1482 / 1332
Survey Location: 601 Pico Deuvo, SANTA MONDEA CA GOYOS

		1			<u> </u>			<u> </u>	i	T			<u> </u>		
Result (mg / cm²)	6.	Ö	0.3	<u>.</u>	٥ ک	O, C	7,	Ö	Ō	7,7	(5,0	0,0	<u>ر</u>	Q 7,	0.0
Color	とんげ) p	y - 4.		Beige	White Strike	C tanken yearn					eg aggarati		And design of the second	
Substrate	1000 N	Drywall	Porcelin	}	Ceramic		Porcelin	Metal	->	200M	Plaster	Metal	hood	plaster	No to
Surfaco	2000 CO. 200	Woll	~.=		120X	Sisk	->	100 20 20 20 20 20 20 20 20 20 20 20 20 2	Syndow From Man	Sindor Cersion					3
Location N,E,S,W	>	S	5	Z	71	S	M		3	3	Z	3	3	3	7 0,2
Quantity Of Lead	1 each			•						4 62.07			4 each		
Condition Of Paint	found								-	1-1			1-1	•	
Room / Area	777	-				>	M212A	ب	ロアロ	-	\	K 208	alle dry Williams	>	7 V C
Floor	2nd Floor											Seriamas sa porta X.			_>,
Sample No.		560	195	295	563	264	SeS	995	567	888	SG9	570	571	572	<7.5

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

| |-|-

PAGE

XRF LEAD BASEL JINT SURVEY



52.25526.0002

Project No.: ...

Date:

Client: SAMMUSD SANTA MINNEG H.S. Spectrum Analyzer ID#: 1482/1332 Survey Location: 601 Pico BLUD, SANTA MUNICA, CA GOYOS CHONE SAMMUSO SANTA MODER H.S.

Task Na.;	,	Inspector(s):	tor(s):	Table					
Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Slor	Result (mg / cm²)
S 74	2nd F100x	H 206	(-1	l each	3	12000000000000000000000000000000000000	Wagd	White	2^9
575	a garage and and				S		Porcelin	`-)	5,0
276					5	Wall	ا ا	Beine	_ O
577		COLORE ASSOCIATION CONTRACTOR ASSOCIATION CON	()	2505%	ゝ	Woll	Drywall White	White	J;E
578		· ·			Z	Sirk	Metal	15 and 18 and	0.0
579		7707			3	Window Everno	>	Alestina.	0,0
580			1-1	4,527 H	Ŋ	20,2000 00,500	Wood	eren eren er	7.7
188					S	cabinet		. <u></u>	Ŏ
285		->			IJ	Wall Wall	Plaster		0,5
583		H202			3	Window	Matal	abeler likewa na kita minin	0,3
N N	on minerapse de la la companya de la la companya de la la companya de la companya	R.	1-1	Heach	3	window cosing	Wood	nga damata da da garagar e	2,0
585	o o o o o o o o o o o o o o o o o o o	->			E		Concret	<u>and your live</u>	7,0
98S	water and the	1 200			Z	Window	Motol		0.0
587	ar titled (10) ar til til de samme				Z	三 (3)	Concrete		O T
S & &		→			M	Fare	Metal	Mining and	Ō

COMMENTS:

CONDITION OF PAINT.

I INTACT
F FAIR - Small Amount Flaking
P POOR - Larga Amounts Flaking

님님 PAGE



5-5-8

52.25526.0002

Project No.:

Task No.:

Survey Location: 601 Pico BUVO, SANTA MUNICA, CA GOYOS Inspector(9):

1.	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
2001 Floor Hallway	2/1 Way		•	Z	Poor	Metal	Blue	0,3
and the second s	`			W	Wall	Plaster	Shite	0
				E	Wall.	→	<u>;</u>	<u>.</u>
Till Till (See install)			•	Ш	Locker	Metal	Brown	0,7
				I	Locker		White	-
\rightarrow				3	ilaw!	Ceramic Beige	Beige	0,0
についっていい	さら)	\\ \sigma_{\frac{1}{2}}
(9:
->								9:1
Stort of Shitt	*							ios
** <u>***********************************</u>								
- >								1,5
すらなどのほから	23		33000	3	`Val!	Concrete Greek	Green	6.0
				<u>\</u>	Boor	Metal	White	0.0
Basement 14 H	HPIS			3	Wall		>	0,7
History Blei Backons	2 COURT	A, St.	4, Storage RM	M # /	2# PUX	000	painted	
		•		•		i i		

CONDITION OF PAINT:

1 INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

占 PAGE



Data: 5-6-09

Project No.: 52.25526.8002

Task No.: ...

Inspector(s);

Survey Localion: 601 Pico BLUD SANTA MUNICA CA GOYOS

							T							-	_
Result (mg / cm²)	S,S	Ö. Í	0,1	0,0	0.0	0,4	<u>ن</u>	0.1	0.2	2,0	0.2.	0,3	0,3	0,2	5'0
Color	とかぶっ	· ·	Beise	White			→	Beige	White	→	7e/10w	White		_	>
Substrate	Corcrete	Drywell	Ceramia	Porcelix		Dowall	Plaster	Ceramic	Porcelin	→	Ceramic	plaster	Metal	1600 W	Concrete
Surfaco	Mal	Wall	· \	Tailet	STAK	(R.) [75	Mall	Wall	To: let	Smk	Floor	Modifi	tiobnoo		į .
Loration N,E,S,W	Л	7	Z	Z	M	U	S	S	S	L)	ک	N	2	Z
Quantity Of Load	•			•											
Condition Of Paint	ドラン											-			
Room / Arva	NBIG Nallway	M022				->	N02/					14 020		Bla H Basement Hallway	Anis Asia
Floor	Basenest														
Sumple No.	60H	605	808	607	808	609	0 0	911	612	613	614	615	919	617	0/9

COMMENTS:

CONDITION OF PAINT;
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

- H

PAGE

A see clates
25 Cupanla Circle
Monterey Park, CA 91755

Date: 5-6-09

52.25526.0002 Project No.:

Tesk No.:

Client - mr www - sand rowled H. F. Spectrum Analyzer ID #: 1482 / 1332
Survey Location: 601 Pico Bullo, Strong Albanica, c4 90405

Inspector(s);

	·			;				·	1	1		r			1
Result (mg / cm²)	7'9	6.3	6.3	6.7		7,4	6.9	ん。つ	0,3	0, (.] 10	0.0	丁,0	<u>;</u>	3,4
Color	どれずら	,.	<i>y</i>	- >	Bloc	85.4						lange of control of the	**************************************		->
Substrate	Concrete	,		- >	Metal	Concrete	->	Porcelin	Plaster	Drywall	Plaster	Metal	Plaster	Concrete	→
Surface	Wall	>	Support	Horizontal	Door	Hericonnal	Schoort	Sink				Electrical Conduit	Mall	->	Support
Location N.E,S,W	3	RS	C)	S	U	J	Z	3	Z	Z	J	Z	កា	U
Quantity Of Lead	600 sv.ft.	300/ 850 se. (4	2 each	Seach		S ench	2 each								3 each
Condition Of Paint	Н		I	Н		Fair					•		•	•	Н
Room / Araa	A015	Aois	Aols	\	AOIS				- >	AOI3A	AOIH	>	AOIZ	(want	→
Floor	Basement		Weeks and the second of				-				.,,,	an a			->
Sample No.	610	620	129	279	623	624	625	979	627	879	679	630	631	632	633

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

---- OF ---PAGE ___



5-6-09 Dato:

Project No. 52. 25726. 8002

Task No.:

SURVEY LOCATION: 601 PICO BLUD, SANTA MUNICA, CA GOYDS

Inspector(a): __

· <u>-</u>			1	T	}	1	1	1	ī	T	ī	 	r -	Ī	1	7
Result (mg / cm²)	0,0	7,0	7,2	7,0	0,1	0.0	0,0	ċ	0.	0,2	0.0	0,3	2,9	0,0	2.9	
Color	Shir	Bluc	Whi	· · · · · · · · · · · · · · · · · · ·		 	Black	**************************************	->	Shite						
Substrate	Metal	->	Concrete	Plaster	Drywall	Metal	Concrete	Metal	Drywall	Flaster		Metal	Mood	Metal	Concrete	
Surface	Door Frame	Door	- Ilan	->	(c:(1)25	007 2027 7087 1788	Mall-	Door	173			Sindos France	というなって	Ω δ	Support	Mechanical
Location N.E,S,W	Z	Z	フ	3	2	Z	Z	Ш	5	Z	Ш			3	J	ROII Me
Quantity Of Load			200 Se. Pt.										3 each		1 each	0
Condition Of Paint			Н										•			Na. access
Коот / Алаа	A012		Aoio			->	AOIOA		A010A Hallum	A 103						to A012A, 1
Floor	Basement	-		•						643 let Floor A 103						No Key
Sample No.	634	635	636	637	838	639	640	149	547	643	747	645	949	245	849	COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

1 4

PAGE ...

5-6-09 Dato:

Project No.: 52.25526.0002

Task No.: 1

inspector(s):

Client SMMUSD SANTA MONRA H.S. Sportum Analyzer ID #: 1482 / 1332 Survey Location: Gol Pico Buru SANTA MUNICA CA GOYOS

	Of Palnt	Of Lead	Lopution N.E.S.W	Surfaco	Substrate	Color	Result (mg / cm²)
Aio3	1	12 Sq. F.	<u>ا</u>	Springs	Wood	W. Car	6,0
Storage RM #1			S	\$0000 Ju	1	, , ,	0,
	Н	2 each	S	Window Salow	<u> </u>	,	3.0
		•	S) 3 3			O O
>			3	cabinet	Mood	- HOMOGEOGRAPHICAL STREET, STR	0
A 105			5	Winds to	Metal		0.0
			ら	800 COS			07-
			S	W. Todol			0.2
			Z	Wall	Plaster		0,0
⇒	(-)	leach	U	からなってい	Coxerete	an and an	7,7
A(07			Z	シンカロジ ドアタアの	Metal		0.3.
			Z	Willdow S	\rightarrow		0,0
>			Z	Wall	Plaster		0,7
A102			Z	Window	Metal		0.3
->	H	2 each	Z	30 37 (S 0)	Nood		2.0

COMMENTS:

CONDITION OF PAINT:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking



Project No.: S2.25526.0002 5-6-09

Dato:

Inspector(s):

Task No.:

Survey Location: Gol Pico Bury Sharta Manney CA GOYOS

Sample No. Floor	Room / Area	Condition Of Paint	Quamtity Of Lead	Location N.E,S,W	Surface	Substrate	Color	Result (mg / cm²)
Neg L let Floor	A102			3	Wall	Concrete White	White	0.1
	 -			U	Los John	\uparrow	,	0,1
999				Ш	Door	Metal	,,,,,	0,0
667	Storace RM#2		•	М	Wall	Plaster		0, [
800				3	Wa?	\rightarrow		7.0
689				3	Access	Metal	e garantinaga i	0.7
676	->			3	Access	\rightarrow		0,0
671	A101 C			Z	Wall	المتمعم		0,
672				5	Toilet	Porcelin	- يىنى مى	Ö
673				M	Sink	->		0,1
274				U	Floor	Ceramic	を がけた 例のででか	0
675	->	1	13 (3.6)	ш	Base Cove	7	White	2,0
27.0	Stoner RM#3			Z	Window Frame	Metal		0,3
677		1-1	2 each	Z	Window Casing	Wood	·	8,9
818				М	Woll	Plaster	>	0.3

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Smail Amount Flaking P POOR - Largo Amounts Flaking

님 PAGE



60-5-5

Dato:

Task Na.:

Project No.: 52.25526.8002

Survey Location: 601 Pico Buru, Sharta Manned, CA 90405

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Lopation N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
679	15+ Floor	A101		•	111	Window	Metal	White	0,3
089		•	}-\	3 each	M	Window Cosina	->		3,5
681					M	Wall:	Plaster	<i>y</i>	0,0
789	•		}- \	l each	J	30pport	<u> </u>	->	3.8
683		Lunch Calibration					J		(,7
h89									7.
988		->							1,7
989		Return from Lunch							<u>ر</u>
687							-		7.6
889		>							\Q
689		Epplish Blag	,		Ń	といるのと	Metal	B/vc	0.7.
690					S	Window Cassing	boow	Whit	0.3
691			•		Υ	Wall	Concrete		0,0
692		→			Z	Wall 47.30	Wood	->	1.0
693		EIIS	•		171	Window Frame		8/cz	7,0
COMMENTS:	الم حددد	access EIII	•						

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

PAGE

OF.



S-6-09

52.25526.0002

Dato

Project No.:

Task No.: _

Inspector(s): --

Client: SMMUSD - SANTA MINURA H.S. Spectrum Analyzor 10#: 1482 / 1332
Survey Location: 601 Pico BLUD, SANTA MUNICA CA GOYUS

Result (mg / cm²)	かり	0,2	0,5	0,4	07	~; O	0.4	2	0.0	Ö	0.5	H'0	40	7.0	O, 4
Color	White	,. ->	Blue	White	PCI-Standard	->	Bir	White	•	→	Blice	White	Ŷ	Bioc	White
Substrate	Wood	Metal	Metal	Wood	つからなり	Wood		Wood	Congrat	Wood	Metal	Wood	Concrat	Metal	Wood
Surface	20,200	Poor / Frame	Window Frame	س ماميردن ديم زگره	Well	Boor	Window	Counter	Wall	000r	Window Frame	mopulas	آلوكنا	Window Frame	Cossing Cossing
Location N,E,S,W	E	ш	711		W	3	Ш	u	3	3	Ш	旦	W		
Quantity Of Lead	•			•	G75 50, A.	200									
Condition Of Paint															
Room / Area	EIIS	ب	E113			->	E109 SOUTH	•		>	E10913		->	E107	->
Floor	ISTFloor					, , <u>, , , , , , , , , , , , , , , , , </u>							atta popular (* e h di)	a ya asan da	
Sample No.	694	695	969	647	869	669	700	701	70.2	703	704	705	301	707	J08

COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

PAGE OF

INT SURVEY XRF LEAD BASEL

25 Cupania Circle Monterey Park, CA 91755

Client SMANUSD - SANTA MONRA H.S. 52.25526.0002

S-B-09

Project No.: __ Task No.:

Dato:

Inspector(s):

Spectrum Analyzar ID #.

90405

Gol fice bury Survey Location: ...

50.6

Result (mg / cm²) 0,3 0,0 0,4 9,7 づ 7,0 J 3 \vec{O} Ö \mathcal{O} Green るが **ം** Green ログシュニアてボ Bluc BRig 용 Ceramic Concrete Carrier ひかじゅ Wood Metal Nood Substrate Meta MORE Whysow casins Chalk Bond Frame Window (Cendult Wall Frings France Door Franc ্ | | | | Shelf 3+ = 5 = 8 Surface こくろ 1000r Location N,E,S,W 3 3 3 3 (7 WW Ш Z Ш 350 m (4 8124 each chack Quantity Of Load Condition Of Paint 14 4 14 970*1* Room / Area F013 U 03 <u>こ</u> E100 107 40 0 Ш 11 11 ** keVINFlow Float ٥ ک 777 \sim 770 <u>1</u> Sample No. 714 716 709 77 COMMENTS:

CONDITION OF PAINT:

I INTACT F FAIR • Small Amount Flaking P POOR • Largo Amounts Flaking

9

25 Cupania Circle Monteray Park, CA 91755

Project No.: \$2.25526.0002 Dato: 5-6-09

Client SMMUSD - SANTA MONEA H.S. Spectrum Analyzer ID#: 1482 / 1332
Survey Location: 601 Pico BLUD, SANTA MUNDICA, CA GOYDS

Inspector(s): --

Task No.:

								- 7					- ==		
Rosult (mg / cm²)	7.0	Ö	0.5	0.0	0,3	0,0	1,0	7'0	0,0	0,1	0,5	Ö	0	0.4	0,1
Calor	White	And and a second se	F		Brown	Green	の京都	White		\Rightarrow	8/ve	Conorde White	->	186,38	Porcelin White
Substrate	Porcella	->	Metal	->	Ceram,c	Concrete	Wood	Concrete	Metal		Metal	Conorch	Drywall	Ceramic	Porcelin
Surface	To: (ct	Uninal	500 K.	Door Frame	F10017	May	Poor Frame	Mall	Hopeou	Wall	Hand	Wall	Mall	>	Toilet
Location N,E,S,W	71	m	n	Z	J	Z	3	.Z	z	5	5	3	2	7	Z
Quantity Of Lead						25 so. ft.	- each								
Condition Of Paint						(-)	1-4								
Room / Araa	下01月					A POIE		00111				and the second second	->	0	>
Floar	ist Flash	3													
Sample No.	774	7,5	776	777	778	779	730	731	727	733	754	735	736	727	738

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

. Р PAGE ___



5-6-09

Dalo:

52.25526.0002

Project No.: -

Task No.:

Clent SMMUSO - SANTA MANCA H.S.

1482/1332

5 P. C. Survey Location: 601 PICO BLUD.

Inspector(s); ___

Result (mg/cm²) 0,6 0,7 0,7 *₹*,0 0,7 0,5 00 ő ó Brown Beige ||シャデや Concrete White 12.X Blue Color Ceramic Ceiling Drywall Porcelin Plaster Metal Metal Metal Meta) Brick Mood Wood Substrate というよう。と Door Post Post Locker Locker Locker Door -الح الح Sater Bibbe Wall ハント [[Q] Sink Surface Location N,E,S,W 3 3 35 3 3 Z Z U M Ш 400 cach Rach RACh Quantity Of Load 4 Condition Of Paint 1-1 HH Fr9 136 Bld>1100 53345 Blassuell 2 B 1 2 Room / Area 10月 O 三山 St Floor Floor 747 752 249 742 245 377 748 753 743 744 756 Sample No. 740 7 739 75/

COMMENTS

CONDITION OF PAINT.

I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

P PAGE

A 8 5 0 c 1 × 7 8 s.
25 Cuponia Circlo
Monterey Park, CA 91755

52.25526.0002 Date: 5-6-09 Project No.: ---

Inspector(s):

Task No.:

Survey Location: 601 Pico Buru, Shutta Manney c4 90405

 -				- -T		ī	Ť	T						— Ţ	
Result (mg / cm²)	0,5	1.7	0.0	0 N	0,3	0,0	0.3	0,	7:0	0.3	0,2	2.0	0,2	6,3	0.0
Color	Blize	White	 ->	Blue	White	Green	White	->	Blue	White	•				_>
Substrate	Metal	Wacal	•	Metal	Wood	· .	Concrete	Wood	Mctal	Wood	1		*IN Utbalancescond	->	Concete
Surfaco	Hand	Builitin	Dose	Window	3		Wall		37.00V	いいかはのか	Chalk Board Frame	window	Shelf	Builetin Board Frame	نايمكن
Location N,E,S,W	Z	Z	3	5	ل م	3	Z	Z	ש	Ē	S	IJ		3	Ŋ
Quantity Of Load		(each													
Condition Of Paint		\									+				
Room / Area	English Bidguell	English Bidg, South		E 217					2/5		->	E213			->
Floor	1 ct Plant	Frietran		2 to K Floor	3										
Sample No.	754	755	755]		759	108	761	762	763	H92	265	777	767	894

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

님 PAGE ...



5-6-09

52.25526.0002 Project No.: -

Dalo:

Task No.: -

Inspector(s):

Source Clent SMANUSD - SANTA MONEA H.S. Survey Location: 601 PICO BLUD

1482/ 90405 Spectrum Analyzer ID #: __

11332

Result (mg / cm²) 0,6 0,7 Ó 0,0 5,0 Ő 0 , O Green brywall White Porcelin White White Ceramic Beige White Blue Color Plaster Tor Craft Drymall Plasfor Metai Drywall Metal Mctal Wood Wood Substrate Doed Counter Took Window Sindow 000 / 1/2/N रूक्ट ठाउँ Toilet Mal **三な**ろ 12 X Sink Surface in E 209; need stirssor Location N,E,S,W Z 3 Z 3 Z Z Z Ż 777 Quantity Of Lead Condition Of Paint ار ۲ cciling Room / Area 208 A reach 9 07 20% 4 Ù L). 11 Ш ţ 2nd Floor Unable Flaar 782 703 8 Q 779 111 78 781 770 Sample No. COMMENTS: 769 5

CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Plaking P POOR - Lenge Amounts Flaking

P



Survey Location: 601 Pico Bury Shata Manney CA GOYOS

Project No. 52.25726.8002

Task No.:

5-6 -09

Date:

Inspector(s):

											حفحب	-	1	_	
Result (mg / cm²)	2,5	Ö	2,0	0,5	0.3	3,2	2.0	7,0	0,5	0.0	رى رى رى	2,0	0,0	0.1	0.0
Color	Whit		, ``	Blue	White		->	Blue	White	->	Blue	White			->
Substrate	Wood	Metal	Concrete	Metal	boow	-	\rightarrow	Metal	Lyong	Medal	→	Wood	_ _	Carerah	\sim
Surface	1163	700 r	Wall	Window Frame	wondow cossing	Boilitin	poor Frame	そのかん! アクタイン	21) dow	Door	Window	mopulm	2.5.4 \$.5.4	180	Poor
Logation N.E.S,W	3	5	Z	É	П	3	.3	E	M)	Z	Z	Z	ک	S	5
Quantity Of Load	50 小年			•		45 fin fi									
Condition Of Paint	H		Fair			1-1					,		•		
Room / Area	E203 A	->	E201				->	E201 A		\rightarrow	E200				\rightarrow
Floor	2nd Plear														
Sample No.	799	300	801	802	863	80H	805	808	867	808	809	810	_ 	812	813

COMMENTS:

CONDITION OF PAINT:

1 P. I

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking



T 400 each E lecker Meter Bluc Of Lord New Local No. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90	5-5-09		MAUSO -S	Client SMMUSD - SANTA MANGA H.E. Survey Locations GOI PICO BUND, SANTA	2	Spoctrum Analyzar ID #:	1482/1332	32	
Float Had Condition Others Surface Substance Color (man floated floate			Inspector((3);					•	
English Bledgichd English Bledgichd E Wall Plaster O Wall Plaster O Wall Concrete White O Wall Cramic Beige O White O White O White O Wall Cramic Bloc O White O Wall Story Endige Stiffs Endige Stiffs Lineunge L-114 Lineunge L-114 Lineunge L-114	Floo		Room / Araa	Condition Of Paint	Quantity Of Lend	Logation N.E,S,W	Surfaco	Substrate	Color	Result (mg / cm²)
E Wall Plaster 0, window 0, o,	7,47	100	English 8 (49,224			3	Wall	Concrete	White	0,5
Endige Shift Lucure L-114 Lucure L-1144 Lucure L-1144 Lucure L-1144 Lucure L-1144 Lucure L-1144 Lucure L-11						كدا	Wall	Plaster		5,0
Ecological Ceramic Berge 0. W Wall Ceramic Berge 0. W Wall Wood White 0. Ecological E locker Metal Brown 2. Ecological Shift						3	Sosing	Wood	, ->	0,0
## T 400 each E locker Metal Bran 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,						3	Wall	Coramic	Berse	0.0
Endigt Shift Endigt Shift Endigt Shift Calibration Ca						3	35			7,0
Endige Stiff Endige Stiff Calibration Cal				1-	400 604		locker	Metal	Brown	2,0
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COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

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25 Cupanla Circle Monterey Park, CA 91755

Clerk SMALUSD - SANTA MANCH H.L.

Inspector(s): ---

52.25526.0002

Project No.:

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SANTA MUNICA, CA Survey Location (60) PICO BUND.

Spectrum Analyzer ID #: 1482 / 1332

50405

Result (mg/cm²) o o 2.0 7.0 0,0 0 0.0 Ö Ó σ O Yellow S S グラグ とから المراجع rivola 8120 うななく 北海 1/2 JA. 40 35,6 5-13P Color 17 こくなり P1-52 B Mer Plaser PL STE 328 Partelin 1-592 Me7-1 1,00 g Cerunic かったった 1000 Jiming Substrate 1222 1)30° +16m oketica. J-11 to 10 ر م 2 Viconi J ニュン 1 1,00/t trone Dost frank からるが Surface £ ... ア In. 1-1 (entay Location N,E,S,W L ٤ D 7 V 3 W > ζ 'n څر Ś S Quantity Of Lead Condition Of Paint 4 80 50 1884 90 7-114 Œ Room / Area 61351-ge Floor <u>7</u> 843 245 a f BB 子 836 837 8,43 80 50 74 835 6 830 3 8029 831 3 Sample No. W Œ \mathfrak{O} (1) Task No.:

COMMENTS

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I INTACT
F FAIR - Small Amount Fielding
P POOR - Large Amounts Fielding

CONDITION OF PAINT.

25 Cupania Cirolo Monterey Park, CA 91755

Survey Location: Gol Pico Bury, SANTA MUNICA, CA GOYDS

52.25526.0002

Project No.: -Task No.:

D2l0:

Result Inspector(s): ---

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CONDITION OF PAINT.

COMMENTS:

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I INTACT F FAIR - Small Amount Plaking P POOR - Lenge Amounts Flaking

25 Cupenia Circlo Monterey Park, CA 91755

52.25526.0002 Project No.: ---

Dato:

Task No.:

Client SMMUSD - SANTA Medied H.S. Spectrum Analyzer ID#: 1482 / 1332
Survey Location: 601 Pico BLUD, SANTA MUNICA, CA GOYDS

Inspector(s); —

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CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

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Survey Locations Col Pico Deviv, Smath MWNCA, CA 90405

52.25526.0002

Project No.: ---Date;

Inspectar(s): ---

Task No.:	,	inspector(s);	*						Result
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CONDITION OF PAINT:

COMMENTS:

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I INTACT F FAIR - Small Amount Flaking P POOR - Langa Amounts Flaking

25 Cupania Circle Monterey Park, CA 91755

Client SMANUSD - SANTA MONREA H.S.

Dale;

Result (mg/cm²) S 0,0 Ò ċ Ġ . O ò ò Ö Ö Ò Ö င် ်ဝဲ ó الم الم 15 PG b rown かっていして brown المالية 615C 500 Be Brown RWE 013 W. 11 Whi 20 349 とうれ Color Spectrum Analyzar ID #; 1482 / 1332 母のであり Porte Jin D/23/461) Dryvell Cermic 1000 フランジ me h 子るる Substrate るなって 90405 -7 アニア 3 = 1 = { ちころの erindom Freme Doc / Door 0000 0000 0000 Sick <u>`</u> Surface 18:30 6000 t = 1. MUNDO ノシアのかり Location N,E,S,W Special series Z W 3 M Ž ſ M کر Pico buro Quantity Of Load Survey Location: Condition Of Paint Ч Inspector(s); 7 H-11 -1 LINE 7117 <u>∞</u> 4117B リフ Room / Area Lingrage 52.25526.0002 Floar 15 16 9 00 600 899 899 206 897 บ ซ 5 т О 25 B 968 5 000 Sample No. Q 00 $\tilde{\omega}$ Project No.: 0 \mathfrak{G} 00 Fask No.;

CONDITION OF PAINT:

COMMENTS:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Lange Amounts Flaking

P PAGE

25 Cupania Circle Monteray Park, CA 91755

Client SMALUSD SANTA MONREA H.S.

59.5

1482 /1332 20409 Spectrum Analyzer ID #: --MUNICA, CA

Survey Location: 601 PICO BLUD.

Inspector(s): —

52.25526.0002

Project No.: Task No.:

Date:

0 76 √ 0.0 Result (mg / cm²) 0.2 0.0 0.4 oさら ر د ċ Ġ Ö O といる 800 12.00 Brown 1 Pe 了一 - La. Le うずる Z hit 公園 R1.e <u>등</u> のブジングルコ 5/2 gel Bercehin 7-11 876 Ceremic Ceterni'C Porcelan Cerem, C Drawel 0623000 34 Dood アンド のうなかり Substrate they her Ţ Ē とうして 5:11 X 3 メ_フぶ - 1/2 800 ニング D00 X Surface -79 = 3 Z'a 4~nd lengor. Location N.E,S,W 2 ζ 2 Z U ? Ð Quantity Of Lead Condition Of Paint 206 B シャンドン 2087 0 7503 8027 Room / Area V chernote らいっている Floor PVZ 100 9 16 917 9 13 0 かって 7 906 400 908 905 909 5 200 Sample No.

CONDITION OF PAINT:

COMMENTS:

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i INTACT F FAIR - Smail Amount Flaking P POOR - Larga Amounts Flaking



Clent SMALUSD - SANTA MONEA H.S.

Inspector(s): ---

52.25526.0002

Project No.: -Task No.:

Spectrum Analyzor ID #: 1482 / 1332

50409

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MUNDLY CA Survey Location: 601 Pico Burus

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CONDITION OF PAINT:

COMMENTS:

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I INTACT
F FAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

25 Cupania Circle Monterey Park, CA 91755

Survey Lorallon: Col Pico Buru, Sports Manney CA GOYOS

Inspector(s): —

52.25526.0002

Project No.: Task No.:

Date:

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CONDITION OF PAINT:

COMMENTS:

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I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

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25 Cupania Circle Monterey Park, CA 91755

Inspector(s):

52.25526.0002

Project No.: Task No.:

Dote:

Client: SMM USU SANIA MONTER H.S. Spectrum Analyzer ID#: 1482 / 1332
Survey Location: 601 Pico DLUD, SANTA MUNICA, CA GOYOS

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CONDITION OF PAINT:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

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25 Cupmia Circle Monteroy Park, CA 91755

Client SMALUSD SANTA MANCA H.S. Survey Location: (691 PICO BLUD.)

Inspector(s):

52.25526.0002

Project No.:

SANTA MUNICA CA

Spockrum Analyzer ID #: 1482 / 1332 30405

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と Quantity Of Load 105 Condition Of Paint 4 70 16017 JAENIMARGO 7017 おかっている 00 0/2 Воот / Агва Cfeku q Hoar 351 /590 978 972 977 926 1996 973 474 978 6) 896 970 971 969 965 Sample No. COMMENTS: Q. Task No.: -

CONDITION OF PAINT:

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I INTACT
F FAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

26 Cupania Circie Monterey Park, CA 91755

Client SMANUSD - SANTA MANEA H.S.

Survey Location: 601 Pico Dewy, SANTA MUNICA, CA

Spectrum Analyzor ID #: 1482 / 1332 MW/MCA, CA 90405

Inspectar(s): —

52.25526.0002

Project No.: ----

Date: -

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1 INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

25 Cupania Circle Monterey Park, CA 91755

CHONE SMANUSD - SANTA MONDEA H.S.

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Spectrum Analyzer ID #: 1482 / 1332 50408

MUNICA CA

Pico buro, Survey Location: 601

Inspector(s);

52.25526.0002

Project No.: Task No.:

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CONDITION OF PAINT:

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COMMENTS:

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I INTACT
F PAIR - Small Amount Flaking
P POOR - Largo Amounts Flaking

25 Cupania Circlo Monterey Park, CA 91755

CHENT SMANUSD SANTA MANNER H.S.

5

Spectrum Analyzor ID #: 1482 / 1332 90405 MUNICA CA

Survey Location: 601 PICO BUND.

Inspector(s):

52.25526.0002

Project No.:

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CONDITION OF PAINT.

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I INTACT F FAIR - Small Amount Flaking P POOR - Larga Amounts Flaking



Clear SMAUSD - SAMA MONEA H.S. 52.25526.0002

Project No.:

Date:

Sec. Survey Location: Gol Pico BLUD.

Spoctrum Analyzar ID # 1482 / 1332 MUNDCA, CA 90407

 (mg / cm^2) 0 25 0 رل Rosult 2 0.0 らら ó . O Ö Ó Ġ Ó ò Ö Ò مي بخ م 1/2 gr Kerse ふきずん 200 BKE 12 Jan 26 アラス Color 5/ CONCER Portel 1)-Ser 25/25/20 Col-mi L 13000g plaster See Contrade Brain アクライン 11-12 210 W30 B Substrato meg e hetrical OKECTICE) これころ =1/ = 6 Surface Door 71/ 173 Day 2117 Location N,E,S,W W 4 Z ζ W W 3 ζ. Z } ż Quantity Of Load Condition Of Paint Inspector(s); 8 SG16A SP3 1155 で) とく N プランと Room / Arrea Zr.S がくなり 5 R-Jemen L Floor 1038 1037 1037 1036 1028 20 50 8 8 1027 (s) 4 \sim 7201 Samplo No. 1025 1024 0 Task No.: _ 0 2 0 0

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

P PAGE __



CHONE SMANUSD - SANTA MONEA H.C. Survey Location (00) PICO BLUD.

Inspector(s): ---

52.25526.0002

Project No.: Task No.:

Dafo:

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Spectrum Analyzor ID #: 1482 / 1332 MWNCA, CA 90407

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CONDITION OF PAINT:

COMMENTS:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Lorge Amounts Flaking

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Survey Location: Gol Pico Buru, Shuta Munica, CA 90405

52.25526.0002

Project No.:

Dato:

Task No.:

inspactar(s):

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Location N,E,S,W	\	F	3	} ·-	7	3)	>	5	Ź	\sim	Υ	Ei	7)	E
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Condition Of Paint	17												,		7
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Floar	15%			- bomonaid	Service				movement			4			'
Samplo No.	1054	055	V056	1057	(o 58	1050	09 eV	1001	290	10 63	1064	1265	1066	1067	1063

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CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Plaking P POOR - Larga Amounts Flaking

1 9 I PAGE

As so clats s Z5 Cupania Circle Monterey Park, CA 91755

Date:

Client SMALUSD SANTA MINDEA H.S. Spectrum Analyzer 10 ft. 1482 / 1332 Survey Locations Cool Pico Burus, SANTA MUNDICA, CA GOYUS 52.25526.0002

5	Section (Area Goodfloor Orbant) Legation N.F.S.W Surface Salestate Color (P. 1972) Section Section (Area) Color (P. 1972) Section (Area) Section (P. 1972) Section (Area) Section (P. 1973) Section (Area) Sec	•	Inspector(s):							
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South Schol F	C-1: br. Fron mid South Store F Wenter thor crumh Bring of the sound		56//34			15)	Sink	Porceluin	200	0.0
Sorth Sciol Front of Sciol of	Sorth Schol F Winter Mear 18-19t 0					Go the	floor	Corumh	Brown	0.0
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South Sclot Fi	South Sclot Fr W William & Sclot Fr W William & School Fr William & School Fr W William						80,189	Porce 1.10	215.8p	0.0
South Sciel F	South Schol F	democratic	7	7)				00
South Schol, F. Winker	South Sciel Fr Window 5 Lot 6									5
South Schol, F. W. Well Concere white of the concern white of the concere white of the concer	Sorth Schol, F. Sorth Schol, F. Sindam Schol, F. North order white									6.
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CONDITION OF PAINT.

COMMENTS:

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I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

25 Cupania Circle Monterey Park, CA 91755

Client SMMUSD - SANTA MONEA H.S.

SANTA Survey Location: 681 Pico Buru

Inspector(s);

52.25526.0002

Project No.: rask No.:

Dala

Spectrum Analyzer ID #: ___

1482 /1332

20407 MUNICA CA

7.0 Result (mg / cm²) 2,0 0 o o 7.0 ò 0 M 0.6 . O ò Ö ò Ċ Ó Bring dring. えがらかり 3~2E アンシング اور کارگر シかが 200 ろうろ Brigge おうん 음 フェルシュ acranic Concese Porce Lin Pricelin cerem c Ceremic Colore 0.2 n Drowell megri met. See / Substrate 775 Cife 8 lex Belief 3 3 Locher Door Frant 4001 メバス 21/2 -Sind Surface 7.5 なこれ (araba) Location N,E,S,W 财 2 V 3 7 > ω Quantity Of Lead Condition Of Paint 4 56-102A SG-1001 56102 50.65 56-161 Room / Area 56/01 Floor 3/ 1097 7843 769 10 93 J. J. J. 0600 1200/ 600 1039 760 1087 \o 88 98 % 1000 1085 Sample No.

CONDITION OF PAINT:

COMMENTS:

- INTACT

F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

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PAGE.

25 Cupania Circle Monterey Park, CA 91755

52.25526.0002

Project No.; Fask No.:

Date

5 CHORE SMANUSD - SANTA MONRA H.E. Survey Location: 601 PICO BLUD

inspector(s): ...

Spectrum Analyzar ID #: 1482 / 1332

Sohob MUNICA CA

WX W X Result (mg / cm²) 9.7 ر 0 (C) Ö 0 から Ċ Ö Ó Ö Ġ Ó ċ Ó Ó シテト とうく るうと Color 81-59EH conceses the Concrese 11250 Cestum! C Bet -10/53mg 100 G SAT! Weo d 328 一名の記 Substrate 8 めててなると the grill MOS Sin Nose File Hose 12.11.101 18.17.01 DODICAR をプラー Door Treme = 3 Dock Surface = 1 7-Location N,E,S,W \mathbb{C} M W W ζ W 4 W 2 $\sqrt{}$ 1 6-64 Erch 2 E-CT Quantity Of Lead Condition Of Paint The Striction 8-2G 56206 8 56-205 Room / Area Sortham 50-m-61M Floor 25 × × 200 105 0 10. 20 S 0 211 0 0 o B つ 1299 Sample No. S.

COMMENTS:

I INTACT F FAIR - Smail Amount Flaking P POOR - Largo Amounts Flaking

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CONDITION OF PAINT:

A B to C1 A T B B Z5 Cupania Circle Monterey Park, CA 91755

Project No.: ---

Dafo:

52.25526.0002

Task No.:

Inspector(s):

Survey Location: Gol Pico Bury Shata Manney CA GOYOS

Sample No.	Floar	Room / Area	Condition Of Paint	Quantity Of Load	Location N.E,S,W	Surfaco	Substrate	Color	Result (mg / cm²)
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1211		7			7	Dail	1221	2	2.0
1 . 22		Signal Asia			`\	1	24311102	9	6.9
8 11					V	2	P1-59e	7	2:0
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127	Chryster				7	toile &	7	7	0.0
8211	ラ 	7	7		Conke	ナ001ナ	CERCIL BYOUR	RYOUN	0.)
COMMENTS:	NO NOV	NOW SG 200	70 A.	,					
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CONDITION OF PAINT:

I INTACT 'F, FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

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XRF LEAD BASED 1. "NT SURVEY

A a see of a f se a 25 Cupania Circle Monterey Park, CA 91755

Survey Location: 601 PICO BLUD. SANTA MUNICA (19 90 95 Inspectoris)

Project No.: 52. 25526.0002

Inspector(s): —

Task No.:

Date: --

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Surface	U~~	201708	メッ _S	Porte	بمرحال	25.75	8 7 2 3 J	electret	2000 t		Andries and the state of the st				
Location N,E,S,W	ζ	4	7)	V	V	<u>-</u> ე	~	8	E						
Quantity Of Load				-											
Condition Of Paint	¥				3								12		
Room / Area	56-203				E-58 Hillman					Profice nond	12 H. O.	7	18 0 18 1	- In oliver	7
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Floor	2nd			<u></u>						***************************************					
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CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

PAGE OF

25 Cupania Circle Monterey Park, CA 91755

Survey Location: 601 PICO 18200. SANTA MUNICA (Nr 90405)

Inspector(s): --

Project No.: 52. 25526.0002

Task No.: ..

Dato: (5/08/09)

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(mg / cm²)	,		۲-)	0.0	2.0	2.0	1.0	6.7	2.2	0.0	~ 0	5.1	0.0	, ,	- '	2.0	0.0	
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Location N,E,S,W	٧	`	-)	\ \ \	3	5	ceiling	1808	\	contro	}		} () L	4	<u>~</u>	9	
Quantity	5	•	400 JF	75007)				1500				7000					
Condition	100.15	M	2	, . ' 4	\ \ \	1						7	1 50 4					
Room / Area		NOMEYM NI62	T JOBA	10/~				/	7 / /	0/8/		7	N/6 H-		7	2517		7
Floor		152																,
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CONDITION OF PAINT:

COMMENTS:

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PAGE -

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

XRF LEAD BASED F. ...NT SURVEY

25 Cupania Circle Monterey Park, CA 91755

Survey Location: 601 PICO BUVD. SANTA MUNICA (IR 90405) INSPECTION PROCESSION SURVEY S

Project No.: 52. 25526.0002

Date:

Task No.: -

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Substrate	me4-1	12baca	N 50~	mode	metri	Plater	neg. 1	poqu	metri	<u>ب</u>	g/wsher	meth 1	woo à	Whelf !	gloster
Surface	Tan hos	<u>~</u>	100 t	2607	Brid	_	Conduca.	Benchos	pile Hose	15.7	ニッツ	A STON	\$C.7.47 \$00.7 \$00.7	5 Bern	contino
Location N,E,S,W	Ĕ	Z		7	3	٦.	-) `		}	٧	Š	7	8	Ŋ	Cen & age
Quantity Of Lead		300cF		1 Encin						300CF				4704	
Condition Of Paint	- س												a mana a mana da mana	ing the second constitution of the second	7
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Floor	158 ;														1-7
Sample No.	53	09 [19 11	11 62	1 63	49 11	1165	79 11	167	8911 %	6911	2	vena	X-1172	1173

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

OF .

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XRF LEAD BASED F...NT SURVEY

25 Cupania Circla Monteray Park, CA 91755

Clent SMMVSO - SANTA MONICA H.S.

52.2526.0002

Project No.: Tosk No.:

Inspector(s):

1887

601 PIED BUVD. SANTA MUNICA CA GOYOS Survey Location: Result (mg / cm²) o O 7 0.5 ر ن o Ö . 0 Ö ó Ó 24.96 ~h.ge while J. 4. RY6W 1 Bire. 15. F 13-19-6 132.26 1 /2 ge Color 7 De Server Portellin Notal Carell Poke Lin Jiwww. Cerani C Cerent 101-54er Merel Wall. Substrate mea--9 11 60.10 Linne 6 LOCKEY Door t ートにひこ to: tog Floor 1.5 1.5 1.5 Surface Doct 2-5 SinA 77.5 Location N,E,S,W Cerker ? W V 3 > ٦ > y W 2 EACH Quantity Of Load Condition Of Paint H Noo! ~ 00/2 FON ~ 2/2 Room / Area 1000 Ch. Flaor 154 $\frac{\omega}{\omega}$ 183 8 = 20 70 300 B $\widetilde{\varpi}$ 28 = 11 28 カレニ 8 176 1177 ナクチ ニンろ Samplo No.

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CONDITION OF PAINT:

COMMENTS:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

XRF LEAD BASED NT SURVEY

25 Cupania Circlo Monteray Park, CA 91755

Client SMMVSO - SANTA MONICA H.S.

52.2526.0002

Project No.: Task No.:

Inspector(s);

2841 601 PICO BLUD. SANTA MUNICA CA GOYOS

Survey Locatlen;

7.0 Result (mg/cm²) 0,0 0.0 6,0 2.0 را 0 o o から ر ق , . O ò Ò ģ whige. She からある ンから Bring Browy 3176 Borige -hire while لاه څ 24.90 Drywall Dryman Porcelin とから Moricall Plaster CANAMIA meg Substrate Zet. 1-bour 1-80W me gr meg 1000 S ととといっている 100 her Locher しのいとかり Cacher bec x freme Locher floor W-1) Surface 1 8000 Fr. 70 ラシ 11/2 7 Sink Location N.E.S.W Cortor) 7 7 { Ž 3 \mathcal{W} W W Quantity Of Load Condition Of Paint Ч 2 2(8)2 1881 7 90/2 764 9 ζ Room / Aroa Mortine yay Floar <u>5</u> رح 1203 1202 <u>e</u> 9 \mathcal{O} 7611 カしま 295 96 ll 9 000 7 20 Sample No. 2 0 42

CONDITION OF PAINT

COMMENTS:

INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

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XRF LEAD BASEL - AINT SURVEY

Associates 25 Cupania Circle Monterey Park, CA 91755

Survey Location: 601 PICS 18200. SANTA MUNICA CA GO 405

inspector(s): ...

Project No.: 52. 25526.0002

Task No.: -

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Substrate	mek. (_7	1 Joseph	1-x2m	Postelin	Desmil	ーフ	B Man >	084,4-11	1-baw	9	26/om 12	7-2	7.2
Surface	Electrical	しまって	0305 Frank	11-2-1	Door	\$1005 Dec.7	11-1		800 T	513	10 M207	לנישה ספר	Lik	t/00/7	から
Location N,E,S,W	}	>	~	ک	3	ν	7	٦ _	-7	E	8	2	Z	Conter	٤
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Condition Of Paint	M														
Room / Area	Most Usa Mo		7	10/2			7	N 103	7	19 Z			1/0/	7	2002
Floor	\$4 84											200 m=200m2		an a	7
Sample No.	1204	205	300	1207	1208	6021	01.21	1211	1212	1213	1214	1215	12 1/	17 17	027

COMMENTS

CONDITION OF PAINT.

I INTACT
F FAIR - Small Amount Fleking
P POOR - Large Amounts Fleking

XRF LEAD BASED FOINT SURVEY

25 Cupania Circlo Monteray Park, CA 91755

CHONE SMMVSD - SANTA MONICA H.S.

2841

601 PICO BUVD. SANTA MUNICA CA GOYOS Survey Location:

Inspector(s):

Project No. 52. 25526.0002

Task No.:

(22)

Result (mg / cm²)

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Win Go whith 15.2 81VE してのかり 8 p/-sper 01821 1 /2 W/ Pluster porcellin 81-540 meth 1 Substrate Ceram ic 3 meril conjus くってなかど 500× **どら**コ (+) F. M. window Frem t たらるか June Surface 4/001 food r form fo 13 XVX 一下了 H-16 Location N,E,S,W CorgeT しょうし W Z } ≥ } W W ζ ٦ 3 Quantity Of Load Condition Of Paint 7 Ÿ YOUN HILLY P0/7 _ 2 2 Room / Aroa \$ 2 m Floor 15% 25 20 *O*C 2 Samplo No. 2 1222 \Diamond 0221 5 2 1225 1223 7

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CONDITION OF PAINT;

COMMENTS

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I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

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XRF LEAD BASED F...NT SURVEY



Project No. 52. 25526.0002

Date;

Client SMMVSO - SANTA MONICA 4.S.

Survey Locations 601 PICO BLUD. SANTA MUNICA CA GOYUS

1881

Inspector(s):

Task No.:

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Substrato	U-ms.a	Mohr	Drywell	つっしてできた	mer	Organ-11	1 200	1.788K.	Dryw-1	mr &	Dryw-11	<i>-</i> 7	meki	りでなだり	MPKI
Surface	ニーン	LOC HEr	2-1	Support Solum	Coches	W.F.	Locher	Door Frame	TI /M	Coche	(T-\)	Ceiling	Locher	4.3	1700 X 47 5 M P
Location N,E,S,W	٦	٧	Ż	}	2	7	2	~	ک	て	ハ	Serien re	Z	2	2
Quantity Of Load	•			•											
Condition Of Paint	¥														シ
Room / Aroa	~orthorym ~131	7	N/29		7	N 128,		7	~ 126,	7	N/27,		7	122 N	つ
Floor	7 75														フ
Samplo No.	12 34	12 35	1236	1237	1233	1239	12 40	15 21	15.45	1243	12 44	12 45	12 14	16 41	12.48

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

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XRF LEAD BASED F ... NT SURVEY

A 8 50 CLY DE 8
25 Cupanla Circle
Moniterey Park, CA 91755

Client SMMVSO - SANTA MONICA H.S. Project No.: 52. 25526.0002

Inspector(s):

Task No.:

Dato;

1881 Survey Locations 601 PICO BUVD. SANTA MUNICA CA 90405

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Substrate	Cermic	7	Orgwell	7	Lepans	Porce Lin	ĵ	1-4 24	music.	meg-	81-524		Porce/~in	Lond	poom
Surface	こっなな	61007	74.77	arling.	Win.	2000	Sink	-57	+100r	7-12	11:2		SinK	Service The South	Dool
Location N,E,S,W	2	Center	>	Perker	V	2	3	>	1.2 E. Y.	E,	>	R,	_		`\
Quantity Of Lead													1 Fach		16-ch
Condition Of Paint	34									3.V.		7) ±	7	Ц
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Room / Area	Northerm					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				7		Mary de la Company de la Compa	-		->
Floor	152													-	<i></i>
Sample No.	1249	1250	125)	RSZ	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263

CONDITION OF PAINT:

COMMENTS:

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I INTACT F FAIR - Small Amount Fleking P POOR - Large Amounts Fleking

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XRF LEAD BASED N. JAT SURVEY

Survey Locallon: 601 PICO BLUD. SANTA MUNICA (IR 9040)

Inspector(s): ---

Project No.: 52. 25526.0002

Dale:

Task No.:

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	N N			ζ-	W~[]	Concrae	2 - S	0-0	
				->	conduper x	1-2000	7	0.0	
радиотик Антала 16/94				2	wob air	, 7	डागट	0.0	
)			N	1000	Noon	الم إلى إلى	<i>5</i> ∙0	
	N15 Storge	-7		٦	5	Coverade	7	. 0.0	
		Z	20 LF		1,20,1 10,70,1	mear	7	<u>.</u>	1
	,	and the second s			-7	A	Brigge	ر. د	
	7		16-ch	£	Door	meter	white	0.	
-7	NIZ	_7		ν,	W.1)	رعادرو	-7	٥,٠٥	
									,

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

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XRF LEAD BASED F...NT SURVEY

A & B O CI A T B B
ZS Cupania Circlo
Monteray Park, CA 91755

Survey Location: 601 PICO BLUD. SANTA MUNICA (M. 90405 Inspodents):

inspector(s): -

Project No. 52. 25526.0002

Date;

Task No.: -

										1		- 				
Result (mg/cm²)	0.5	0.0	· o	0.1	6.9	0.0	1.0	0.0	6.0	1.0	0.0	0-0	0.0	0./	0.>)
Color	8/0°E	7	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	13/VZ	wh re	<u> </u>	7	Beige	مه : ۱۷ أ	7	while		ラ	الم الم	7	
Substrate	مرياه فيد ا	moyet	Me たし	Concrede	Dryvall	CONCrope	2000	CONCRAGE	Drywal	CONCrente	mek!	MANA	mer.	U. M. C. O	mog-1	
Surfaco	Door	mirrom trim	window from t	£10017	7-1-7	J	7)245	supporte	1	-1	erec conver	11-1	Window Line	3	Che wich	2/24
Location N,E,S,W	Z	7	5	12500	7	7	7	V	Z	S	7	7	3	3	2	The state of the s
Quantity Of Lead	-															
Condition Of Paint	¥														->	>
Room / Aroa	B-sement Northbury N12,)	N/3;			7	N13 ELECTION		7	VESTIBULE		N/01/	7	
Floor	3-sement No															
Sample No.	1279	1280	18 0	28 61	12 83	12 34	1785	12.86		17 33	17 89	0000	1000		12 93)

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Smail Amount Flaking P POOR - Large Amounts Flaking

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XRF LEAD BASED 1. .. NT SURVEY

As a co o 1 A T is a 25 Cupania Circlo Monterey Park, CA 91755

Project No.: 52. 255 26. 000 2

Date:

Task No.:

Spectrum Analyzer ID# 14. Clent SMMVSO - SANTA MONICA H.S.

2841

Inspector(s): --

			_	I	1	l .									
Result (mg / cm²)	10	٥.٢	2.0	1.0	2.0	0.2	0.5	2-0	Q-0	۷.٥	0.3.	₹.0) ·O	<-o	ب <u>ت</u>
Color	18118	31.4	B 14E	Whi &	7	3/76	. 9	ガーック	を言め	7-	-)	umora	M. Re	Wire	Bhe
Substrate	hoow	1 rster	noal	11-mhy0	Plaser	Mot.	-7	Cermic	postelin	mer	10116h.n	Cermic	D1-840	Orgwan	meri
Surfaco	thad	= 1	Hend beril	117%	-7	Locher	Door to	12/2/1	Jrin-1	Sink	たがるの	floor	11	53	COCHE
Location N,E,S,W	~	7	η	Z	}	7	}	٦	`\	3	7	Cen ger	h	Z	7
Quantity Of Load				,											15 6-04
Condition Of Paint	J														
Room / Area	Fest strif	West 59-1	7	NZCOA			7	N 2006,	and the second s			7	A22		-7
_	Morth.	***	*									A Company of the Comp			7
Floor	B-smeng		7	2nd floor	and the second			отна Швести.				Nacional Statements			-7
Sample No.	1294	1295	1296	15071	1298	1299	1300	1301	13 02	1303	1808	13 05	30 81	1307	80 81
					<u> </u>	L				L	<u> </u>		! <u></u>		X

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

| |-|-PAGE

XRF LEAD BASED F. ..AT SURVEY

25 Cupania Circlo Monterey Park, CA 91755

Client SMMVSO - SANTA MONICA H.S.

1485

Survey Location: 601 P160 BUVO. SANTH MUNICA CIR 90405

Project No.: 52. 25526.0002

Tesk No.:

Inspector(s):

Color (mg / cm²)	Brige 0.2	20 2018		ó															
	Cepennic		`	-	Comic		0 1							21/2	2/4	4315	3	3	
V,E,S,W Surface	12	10.00	Nuis :	tles/	_	1-12	1 -1 1 000r	1-17 10000 1	1-17 10000 1	343	3 3	37 5	3 3	373	373	373		373	
Quantity Location N,E,S,W	\\	}	3	enter		7	2 4	2 4	5 m , 5	5 m (53)	\			
Condition Qui	•										3 +>	3 4	7 7	7 7	3 7	37	7 7		
Room / Area	1201 F			-7		N206	N206	N206-1	N206,	N206.	N2061 Coach Strick	N2061 Septical	Satisty of Noses	N206.	N206.	N226 - 1			
Floor	Marie No.																		
Samplo No.	13 69	1310	3 =	13 12	13 13		43 14	- []	- [-	N N N N	SENWE	S S S S S S S S S S S S S S S S S S S		S S S S S S S S S S S S S S S S S S S		13 15 13 16 13 19 13 19 13 20 13 20 13 22	COMMENTS COMMENTS	COMMENTAL SOUTH STATE OF THE ST

CONDITION OF PAINT:

I INTACT F FAIR-Small Amount Flaking P POOR-Large Amounts Flaking

占 PAGE |

XRF LEAD BASED F...AT SURVEY

25 Cupania Circle Monterey Park, CA 91755

CHONE SMMVSO - SANTA MONICA H.S.

601 PICO BLUD. SANTA MUNICA (A GOYOS Survey Location:

1841

Inspector(s):

52.2526.0002

Project No.:

Task No.:

0,0 19.0 \ \ \ (mg/cm²) 9.2 0.0 6.9 <u>ဝ</u> ခဲ Result 0.0 ò ~ 0 0 °; _ ک ó 0.5 Z S Green 12. July 1 アラシー Mr. Re white 134,76 812E 200 あって Cofor Barrion Co CEYEMIC Pollelun いろうであ P1-5901 Celemic P/-Skr 3 or wood Substrate meg. gran. mer. 1 2,5 Phec Nic Boselar R-illing to Lea 20,70 Doc! trophy Surface ところ うろ 73 12:3 73 テシ Dar Alia Location N,E,S,W 3 IJ $\sqrt{}$ 7 2 Z W 14 n 3 Ž E-6h Quantity Of Load ナフのと Condition Of Paint M End Hour Esst ending Hilmen 22 022 N Room / Area 405 本事者奉 2nd than Floor 33 32 36 13 37 かん 92 **8** 80 X 79 35 \sim 1338 7 Sample No. ~ 2 ~ V < **(~** ~ (V

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

P

PAGE.

XRF LEAD BASED L. NAT SURVEY

Clent SMMVSO - SANTA MONICA H.S.

Survey Location: 601 PICO BLVD. SANTA MUNICA (14 92) Inspectation:

inspector(s): __ Project No. 51. 25526.0002

Task No.: .

Dalo:

-	_	T"	T	I	η		· · · ·		T	1		1	1	ŀ	
Result (mg / cm²)	000	2.0	9.0	0.0	6.5	0.5	19.9	0.7	0.3	2.0	·	0 · 1	7:0	.0	2.0
Color	Luh. Je	75.2	7	while	Green	76.2	7.	77~	-7 <i>-</i>	7	8700	ار ایر ایر	812E	Brown	while
Substrate	porcelan	phaes	men /	30277100	Ceremic	PSKELNY	7	101-5401	2 2 2	Oluster	megal	P1-59er	- Force	Cr-M1C	meg.
Surface	Sin #	1/2/	crident	11-3	2500	40 Je 2	Sim	11-1	DOOL	3	Door	=	4550 1050	£ 100 £	tishe
Location N,E,S,W	}	Z	3	Z	2	V	}	7	7	E,	7	}_	-7	Conger	}
Quantity Of Load	1 cm.				3076		121								
Condition Of Paint	1 5													The state of the s	-7
Room / Area	1211	V210	9	212/		Market College	~	212 612 112	7	forer &	2	2		Ą	-71 -7
Ro	S. A.	E T	30°		CARTON PARAMETER		ı	<i>J.</i>				305 CO			7
Floor	339 2nd flor								う	1001-1251				, , , , , , , , , , , , , , , , , , ,	7
Sample No.	1339	13 40	1341	13 42	13 43	13 44	13 45	1346	1347	13 48	1349	1350	1351	1352	13 53

X

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Largo Amounts Flaking

PP | PAGE

XRF LEAD BASED bound SURVEY

25 Cupanla Circle Monterey Park, CA 91755

Survey Location: 601 PICO BUVD. SANTA MUNICA (IR 90405) Inspector(s):

Inspector(s): -

Project No. 52, 25526, 0002

Task No.:

		Ī	Ī		Ι	Ť	1			<u> </u>			1	T	Ī] [
Result (mg / cm²)	0.0	1:0	00	°Ö	0.0	00	0.0	1.0	0.0	2.0	. < .0	0.0	1.0	0	0,0	
Color	61927	brown	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	blue	7	2	white	Buige	12 - Les	7	7	MUE	7. 2. 69	5/18	Cros 1	
Substrate	Concrete	mari	Contrac	ner ()	poor	Buch	Cermic	Parcelin	7	7	10000	Concer	mar	27	
Surface	11-7	Door	[[6]]	900 K	Diol	Bench	11-3	2.7 7.7 7.7	Uline	Toike	Sink	Dool	1-2	Locher	7	
Location N,E,S,W	~	3	7	~	7	7	h	٦	2	~	2	>	V	->	Z	
Quantity Of Lead		1 Each												46 En		
Condition Of Paint	4	u-	,												->	
Room / Aroa	North cyn N/50	7	Pico				-)	P116,				-7) Q		フ	7/0/
Floor	ş.	-7	000										**************************************		う - - - - - -	10 News
Sample No. Fk	354 152	55	751 258	357	358	359	1360	361	1362	1363	1364	1365	13 66	1367	13 68	COMMENTS:
S		X 3	13	(4)		,saes—				`				*		COMIN

CONDITION OF PAINT:

I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

| |-|-

XRF LEAD BASED LAINT SURVEY

25 Cupania Circle Monterey Park, CA 91755

Project No. 52. 25526.0002

Dalo:

Task No.:

Survey Location: 601 PICO BUVD. SANTA MUNICA (18 90405 trspoctoria):

Inspector(s): ___

								·	- 1	γ		1		1	
Result (mg / cm²)	2.0	0 0	0.0	0. 1	2.0	0.1	<i>þ</i> ∙0	カ・カ	4.0	9.1	9.1	, 1			
Color	かかんり	الدو الم	5)20	Umeja	8-ine	,	\$ 1/2°	9	7						
Substrate	Caranic	pry wel	a de la companya de l	1 0	COVERNIC	7	Popree Lin	7	Megal						
Surface	floor	7	LOCARY	Locher	77.2	7	Sinh	Lo Los	Door						
Location N,E,S,W	N	7)	٧	Z	Z	7	Z	Ē						
Quantity Of Load	•			•											
Condition Of Paint	4								7						
Room / Aroa	ā	P112,			7	P 3			-7	י עס		7			
	Po0							A Proposition of the Proposition	フ	C. Libration	イル マル・ドド	05/08/09			
Floer	159.								1		4				
Sample No.	1369 1152	1370	1371	1372	1373	1374	1375	1376	1377	1379	1379	13 SC	13.8%	13/82	13 83

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Larga Amounts Flaking

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XRF LEAD BASEL S.INT SURVEY

25 Cupania Circlo Monterey Park, CA 91755

5/4/09

Dato:

Survey Location: 601 Pico Buru, Shutta Manney CA Goyds Inspector(s): --52.25526.0002 Project No.: Task No.:

					 -T		Ī	1							
Result (mg / cm²)	0.9	0.9	0.8	0	0	٥	Q	0	0.1	6.5	0.1	0.4	0	O	<u>و</u>
Color			,	Chesen	1	11	Bung	Chrosen	11	OPPNOF) 	BWF	ORANGE	CHREEN	
Substrate				BRKK	METAL	DRYWALL	METAL	BALK	Auster	雅林	¥	1	11	CORPARC CLARERY	Baxch
Surface			•	WAL	PIPE	County	25/20	WOLL	=	Howorth	DOOR	DRIFE	RISOR	183	ン
Location N,E ₁ S,W)			2	₹.	٥	(3)		D	3	S	5	3	31	77.
Quantity Of Load				-											
Condition Of Paint				` *											
Room / Area	CAUBCATION			BARNON HALL	Elevary (LOOM)		P	GASEMENT HALL						7	000W 1D
Floor															
Sample No.	4	20	0	4	do	وكر	12	93		0		. 4	The state of the s	本	\c_

COMMENTS:

CONDITION OF PAINT:
I INTACT
F FAIR - Small Amount Flaking
P POOR - Large Amounts Flaking

- OF

XRF LEAD BASEL ANT SURVEY

25 Cupenia Circle Monterey Park, CA 91755

Survey Location: Inspectar(s); 52.25526.0002 00 Task No.: -Project No.: Dato:

CHORE SMANUSD - SANTA MODER H.S. Pico buro.

Spectrum Analyzer ID #: 1482 / 1332 20402 3 MUNICA E Sec

M 0 Result (mg / cm²) 6,4 0.3 74.9 ó 0 Q ` 0 0 CREEN SPECTON PASTER CRUZEN Facetain without PORCETION WILLITE PORCELIAN WHITE COREN METER BUNG Color ر フ からい CASTER Back CONCRET MER NET PL Substrato 7 __ _ <u>pa/</u> <u>ra</u> DINK CALLING DR-172 Tollet MANA DICE. 218K か下 305. Surface - PACA Dect Be 33 Location N,E,S,W S 3 0 3 3 3 J D 3 3 P なな 454 Quantity Of Load Condition Of Paint ROOM 20 Room / Area 000m 19 ی ROOM 1 ZCO IN Floor Sample No. 2 (0) 700 70 h 200 S <u>5</u> ~ 5 30 50 5 Mes Z Ś このと 398 767

CONDITION OF PAINT.

COMMENTS

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking



Survey Location: Gol Pico Bury, Shuty Memory CA GOYDS

5/6/09

Project No.:

Date:

Task No.: -

Inspector(s):

"	Sample No.	Floor	Room / Area	Condition Of Palnt	Quantity	Logation N.E,S,W	Surface	Substrate	Color	Result
<u>5</u>	2		260 M (9			P	02/20	META	Z EN	(mg/em)
			1		*		-	2412	252	Q Ž
2 i7	28		-19			2	Prese	1	CIRCHEN	Š
<u>د</u> چ	32		HALL 2			2	· Them	PLASTE	£) ,	6.3
2- ~	K	•				0	Dook	JACT PAL	SCANGO	0
=======================================	X					n	DRIFE	1	13WE	<u>0</u>
<u>z</u>	Z		***************************************			2	Doct	11	2	<i>P</i>) 0
2	8 A		ROOM 10	Н	non	J	CONDUIT	11	但士多	4.0
2_	33					p	DOOR	11	BUR	J.0
3	B		7			رط	DE/FR	ئة	11	0.0
7	2		POORIL			8	Wash	PLASTER CIBBER	CIPERIN	0.5
22%	7					B	COUNTER	ക്രധേ	1 1	0.1
7.2	Z					P	MIRRAFE	11) 1	2.0
2	\$			•		ပ	CAMNG	CONOCETE	11	(0)
73	*		>			N	DRIFE	MOTAL BUR	BUNE.	0.1
	48		400W 14	*		A.	STATE OFFE		PUPPOTER GIRBEN D. 2	5.0

COMMENTS:

i INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking CONDITION OF PAINT:

- GF |

25 Cupania Circle Monterey Park, CA 91755

5/4/09

52.25526.0002 Project No.:

Task No.:

Inspector(s); _

SURVEY LOCATION: COST PICO BLUE, SANTA MUNICA CA GOYOS

		T		ĭ	1		1		1 -	1			1	т	1
Result (mg / cm²)	6.2	ဝ	0.1	D. C	2.0	0.7	۵	0	0	0	J.	0.3	7.0	O	6.0
Calor	GREEN	×	,,,	=	-	1	1	-	BWE	CREEN	GRANGE	Cheery	BLUE	四个	086
Substrato	000M	-1	=	1	11	PUBSTER	Weop	-	MOTEL	BRICK	MOTEL		metbe		1
Surface	COUNTER	Missly	COAT HAKE	COUNTRY	HIRE-16-12		Hayre	Post	1	No.W	2		12/FR	Floor	7000
Location N,E,S,W	B	IP	3	D		P	e	C	3	3	P	Þ	m	J	B
Quantity Of Load	•										かけ				,
Condition Of Paint											14		•	-	•
Room / Aroa	200M 19		A	ROOM 15		·			A	NORTH STANE WELL	-	Floor 1 Accord	-	STACWE	-9
Floor				*											
Sample No.	73	A	\$	R	B	X	22	Z	B	X	B	K	200	B	13
	E	87 5	62 4	\$ \$ \$	7 2	220	133	26	Ĭ Ž Ž	14.36	T(4)	82 hJ	4 39	S Ohal	7/4/4/

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR-Small Amount Flaking P POOR-Larga Amounts Flaking

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PAGE __

XRF LEAD BASEL SANT SURVEY

CHONE SMANUSD - SANTA MONRA H.S.

52.25526.0002

Project No.:

MUNICA CA

Spectrum Analyzer ID #: 1482 / 1332 50409

Survey Location: 601 Pico Burd.

Result (mg / cm²) o c $\overline{\mathfrak{d}}$ 0,3 \overline{o} \overline{o} ö Ö 0 0 0 区(中C) BME 510 CLER S R N PHOTOR LACK S S S Color 2 <u>_</u> 7 _ = CEILING PARSTER PUREITER. CONCESTE CORPAMAG (ONLY) NETEL METAL PLEATER FRETEXES METAL MOOO THENDER! INCTAC 000M Substrate 4 DOOLFR CACK FIRE HATCH Deop MOSCHOLD) 02/K COUNT MUPAL DAR. Surface MAN Location N,E,S,W 0 R 3 2 2 S 777 D 3 3 D Ŋ <u>~</u> Quantity Of Load Condition Of Paint 4 Inspector(s): OCCESSIBA. AUDITORIUM Room / Area 1088Y STACK Floor Sample No. 67 B S. Car The state of the s Task No.: .. 大型 1453 25% 2 Z B 25 <u>z</u> **以** 5 28 5 7. 2 3

CONDITION OF PAINT

COMMENTS:

INTACT FAIR - Small Amount Flaking POOR - Larga Amounts Flaking

P



Client - more of 14.5. Spectrum Analyzer 10# 1482 / 1332 Survey Location: 601 Pico Bure, Sharta Manney CA GOYDS

Inspector(s):

52.25526.0002

Project No.:

Task No.:

Date: 5 /6 /09

_															
Rosult (mg / cm²)	0	S	٥	a	٥	0.0	0	0	<u>)</u>	9	Q	0	0.0	Ø	(
Color	かっと) (·	143	11	いまり	[]	BUNE	5780	CHECENT	PINK	11	北和	CIRIN	ORG	Z Z
Substrate	CURPANC	1)	Ceptelland	ゴ	PLASTER	11	THE PARTY	1	11	LURIDANIC	11	Popeer APP	MOTER	11	4
Surface	WALL	Floor	· .	URIU MIL		(Bluble	12/1X	HENDERIC	WIN]CASE	Until	FLOOR	POLLET	winlepse	HANDRAW	00/04
Location N,E,S,W	5	J	3	3	2	ر ک	2000	P	e	٦	<u>ي</u>	m	ш	2	٦,
Quantity Of Lead								101k	विष				loa		
Condition Of Paint								H	ル		•		山	•	
Room / Araa									Ā	No.					0
Ro	MONS								ν	NOINER	•				7
Floor															
Sample No.	H.	H.	78	A	Z	P	Z	B	H	K	g g	4	90	Ø	Z
	F2	7 S.	3 2 3	20	7.5/	ر ح ح	53 5	76.5	13 KZ	73/2	135	1463	19 K	37%	

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Lorgo Amounts Flaking

- OF

25 Cupanla Circla Monteray Park, CA 91755

CHEME SMANUSD - SANTA MANDER H.S.

52.25526.0002

Project No.: .

5 Survey Location: 601 Pico BLUD.

1482 /1332 Spectrum Analyzer ID #: ...

90405 3

MUNICA

Result (mg / cm²) 5.0 79.9 0.3 S 0. 0 <u>一</u> の 0 Ø Karron PORCEHAN BENGE BUDE 275 225 130 in 91116 CAR Color PORCERIA WIT SZS ک <u>ب</u> CERPINC CERPMIC W60 10 15-450. NOTA Substrate 000M Shir ب ب 7 ىب مب る五名 3 CENTA REE UPHRAN SINK ので taket Surface Dood かから) bal (UPAC Location N,E,S,W 2 כנו 2 2 $ot \! {\cal D}$ 3 S 2 P لا 也 4 Quantity Of Load **B** 7 Condition Of Paint Inspector(s): Room / Area BALLOLY NOSO Floar Sample No. B MM 93 4 #2 17 M Ł Task No.: N 75 8 1280 226 12 7 J 221 MEY 147 なな 1382 22 18/31 38

JUNITORS ROOM PRINT PETILNY

COMMENTS:

CONDITION OF PAINT:

FAIR - Small Amount Flaking POOR - Large Amounts Flaking

P. OF.

79.9

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JAN (2007) CAS

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11984

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PORST

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25 Cupania Circle Monterey Park, CA 91755

Survey Location: Gel Pico BLUD. 52.25526.0002 Project No.: -

CHONE SMANUSD - SANTA MONRA H.S.

SAUTA MUNICA, CA

Spockfurn Analyzor ID #: 1482 / 1332 90405

Sample No.	Floor	Room / Area	Of Paint	Of Load	Location N.E.S,W	Surface	Superrate	COGO	(mg/cm²)
28		ANITORS (105.	4	- OTA	2	Doorf	TUSTOOD	2#	1, 7
745		4	77	4	Z	DR FR	N800	244	7.1
3		MORN, Ø			2	بالماس	PAST	, 17 17	0
10 CO					J	CEUNG		-	0.7
			Н	7. P. C. R.	2	JAMES.	good	٦١	0,
K			14	(g)	v	Book	1-1		2.9
12 1631		P	1-4	4	v	8	1	H	Q ^*
18		30 100	S		2	707	METAL	5,00	0,4
五		I DIAMETOR			2	WAL	PURST.	7	6,1
7					2	7	CERTAIL	Beto	(10
12					2	1/2/18	PORECURIN WHY	しまる	0
The second					2	Tolor	ור	- /	6.3
41 66%			<u> </u>	150#	J	Floor	CONCRUTE	TAR	2.3
			H	4	W)	DOOR	0,000	GRA.	52
100		1	1	- K	4	Na Lak	=	Called	1,0

CONDITION OF PAINT.

I INTACT F FAIR - Smail Amount Flaking P POOR - Largo Amounts Flaking

一 計 一 PAGE ___

25 Cupania Cirolo Monterey Park, CA 91755

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3/5

CHANT SAMUSD - SANTA MODER H.S.

Result (mg/cm²) 0 0.6 6.7 0,5 Ó 0.3 0 <u>ි</u> 0 Ö 0 TIME TO MOTAL CIRA BUNE SE SUR OPC. ORG CONCRETE ORAY CREN load Color 285 S S S _ _ 1482 /1332 CEPLING CO NOWARD HANGELE METAL 800 B MATE AND なるな Substrate Sohob سر ند <u>_</u> 7 ۲ Spochum Analyzar ID #: --WIN CAN मिक्कारिय Pow Lupli 3 DE 170 PAR WINTE Degr STEP DOOR いなら Surface MUNICA Light Light Location N,E,S,W 5 0 5 J 5 2 2 2 Survey Location: 601 PICO BLUD 10 EP. とら で解 Quantity Of Load Condition Of Paint H hapadar(s): JOHNIN ROOM! MYBRATION Room / Area MEZIN W 52.25526.0002 Floor B Sample No. 200 ly by 12/2 A 12 128 B Project No.: A Task No.: Date: -MM 15/5/ 57 15/6 1207 502 1503 1508 E C (5/3

CONDITION OF PAINT:

COMMENTS

F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

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CHONE SMANUSD - SANTA MONDEA H.S. Survey Location; 52.25526.0002

Project No.:

Dato:

Spootrum Analyzer ID #: 1482 / 1332 MUNDLA CA 90405 MUNDO

Species Pico buvo.

Result (mg / cm²) Ö <u>م</u> <u>O</u>, 0 0 めいる Color <u>۔</u> N _ ` _ ゴ Perchan. **Permat PAETA** शक्टि MOOD Tag to T (Mage 10 NETH Substrate ب **≟** مدُ 7 S Locker DOSEAN DOSE OR 1872 WINTER DELFE D00 BORN. **2**85 **とな**し Adid Surface とうと Location N,E,S,W 3 3 3 *لا* II) D O Quantity Of Load Condition Of Paint Inspector(s): MERATION Room / Area M 103 MIST Float Sample No. 4 8 \$ 10 m 多 12/ K B Z 2 B Task No.: 55 30,50 22

1524

35

1231

CCF

512

217

KZ

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123

CONDITION OF PAINT.

COMMENTS:

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PAGE

INTACT FAIR - Small Amount Flaking POOR - Large Amounts Flaking



Survey Locations 601 Pico Deviv Sports Abonica CA Gords Inspector(s); — 52.25526.0002

> Project No.: -Dala:

CONDITION OF PAINT:

COMMENTS:

| | 명 |

PAGE

i INTACT F FAIR - Small Amount Flaking P POOR - Larga Amounts Flaking



CHORL SMANUSD - SANTA MONRA H.L.

Species PICO BLUD,

1482 /1332 Sohob Spoctrum Analyzor ID #: .. 3 MUNICA

> Survey Location: Inspector(s);

52.25526.0002

Project No.: Task No.:

Dato:

Rosult (mg/cm²) 0.5 M S, O 0. **@** 0 0 BUE. 上する 因四回 Color とまる RISE 至 _ ميد __ = 5 てきる Sex Sex METAL De Suel **一方25日** Worker WOOD HANDERY METER MOTOR T-PET Substrate \$ 2 _ かずかなのとして DIE/TH. DOTA 20/68 900 A CO る歴 Jazo D008 (A) Surface NAC STALL STALL **B 元** Location N.E.S.W 5 なの 0 2 8 2 3 Þ 2 3 Quantity Of Load Condition Of Paint FIRET FLOOR THE PLECUSION STO. Room / Area M 105(C) Œ 000 Floor (H) Sample No. 并 五 \$ 0 78 Z 产 7 $\vec{\mathcal{L}}$ Fa 3 B 左 15 60 Ch 4 1559 15S 15.55 1745 1552 1555 178 500 2/2 55 <u>3</u> なな 1521

CONDITION OF PAINT.

COMMENTS

F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

Ь PAGE 25 Cupania Circla Montoroy Park, CA 91755

5/6/09

Project No.: ---

Date:

Task No.; _

Inspector(s): _

Survey Location: Col Pico Devo SANTA MUNDO, CA GOYUS

	Ė		Condition	Quantity				0	Result
_	Ficor	Koom / Area	Of Paint	Of Load	Location N,E,S,W	Surface	Substrate	Color	(mg / cm²)
	:	101		•	3	写下水	MOTH	BUR	0
-					3	Book	11		0.1
		Ð			3	BAR	1	; <u>-</u>	0.]
-	•	N 101 A OFFICE		•	Þ	CAPAK.	DEMINALL	WHT	Q
		- *			M	WIP [FR	MOTAL	11	0.1
-		Zuo Floor Hall			2	E AC	DAMAGA	1.1	0
<u> </u>					v	Dook	METAL	BUE.	0
		y			v	DR-FK		-	O
		M 200			\cu_	Upach	DPYWALL	<u>J</u> Hm	9
					8	DOSR	Lessor Pic	BUUB	0
		*	•		0	DOOR FRE METH	METER	11	Q
		N LOB	•		Z	URC	PURST.	WHT.	0.1
		AV 201 ADMIN.			n			и	0
-					n	2	8 254	N	<u>ე</u>
		7			B	900 1000 1000	a@M	Base	6.6

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

PAGE ____ OF __

XRF LEAD BASEL S.INT SURVEY

25 Cupania Circle Monterey Park, CA 91755

Survey Location: Gol Pico Bury, Shuth MUNDON, CA GOYUS

52.25526.0002

Project No.: __ Task No.: _

Date:

5/6/09

inspector(s); --

Result (mg / cm²)	0	Q	0	0	0	2.0	0	0	0.3	1.0	Ö	Ö	©	0	9.4
Color	Que	しま	į v)1	Yellan	小小	11	11	BWE	WH T	11	1	1/	Vericon	
Substrate	(New)	11	ונ	PARTURIL	(√)®°N	MOTTOR	(Vec	PURST	daam	1)	11	11	MRST.	(DOO)	METER
Surfaco	DR/FR	Coste	3	WALL	pook	足不	CARIDE	NAU	Ocore	DRIFE	WINTER	THIS	WALL	pook	D2/08
Location N.E,S,W	S	3	M	A	1	2	S	S	S	P	0	ß	3	2	7
Quantity Of Load	•			•											
Condition Of Paint												,			
Room / Area	40 261 DONIN		*	4D 200			*	AD 202	1			V	40200A		7
Floar															
Sample No.	20	44	98	299	280	285	705	1534 203	1595 264	205	20%	40%	15820 B	15% 209	4

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Plaking P POOR - Large Amounts Flaking

PAGE OF _

25 Cupania Circlo Manterey Park, CA 91755

5/6/09

Project No.: Task No.: .

52.25526.0002

Inspector(s):

Survey Locations 601 Pico Bevo Shuth MUNCA CA GOYDS

	-	<u> </u>					<u> </u>		- 1	1					
Result (mg/cm²)	ଠ	1.0	0	0	Q.1	0	0.4	Ö.	0	0		0	Q	0.4	2-0
Color	ち	, 11	, 1	<i>'</i> }	11	,1	3	11	11	1,1	((וו	11	1.	=
Substrato	accon	AKST.	0,000	NETAL	900M	dosn	((PURET	Populary	11	CEPLANC	PUAST.	\$000 \$000	Metal	CA CODEN
Surface	部部		·	SPA BA	101 (1-18)	SIM	WIRD CASE	WALL	5(NK- 1	1	Klook	NAIC .	ď	BETTE	UNIFE
Location N,E,S,W	, B	M	2	2	S	S	n	2	2	2	J	3	ĮVI	طلا	v
Quantity Of Lead	•														
Condition Of Paint											•				
Коот / Агад	AD 2004	AD 204					Þ	A0 204A	_		*	R028			*
Floor				-											
Samplo No.	21	218	213	24	215	He	龙	218	bre	320	Take	276	223	224	225
	7551	(5 63 /	4651	1563	1576 2	15.47	1 8601	15,63	00 3/	1000	100	6031	10%	204	303)

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

님 PAGE

XRF LEAD BASEL ANT SURVEY

25 Cupania Circlo Mantaroy Park, CA 91755

52.25526.0002

Date:

Project No.: -Task No.:

Inspector(s): —

SULVEY LOCATION: COI PICO BLUD, SANTA MUNICA CA GOYDS

	Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Load	Logation N.E,S,W	Surface	Substrate	Color	Result (mg / cm²)
ites 1	Z X		40205		•	v	WINSILL	d sow	E#7	0
1009)	224		-7	H	3.8AL	B	WIN CASIM	## ##	- 11	0.7
111	1609 228		AD 205 A(RR)			5	meth	PART	. H.	0
N	1610 224	-			•	5		Hunspale	. 11	0
lu	1611 438					V	talot	ני	נ	0
722	点					ں	Kap	CERMIC	5	0
000	267					3	DOOR	A CORN	1.0	ଚ
614	183		>			Э	PR/CAR	HETA	ເ	<u>Ö</u>
12	The state of the s		\$ 205 F			Z	N All	Aust	11	6.1
2 2 2	Se S					ß	SIUK	Paceum.	/ ۱۱	0.3
1317	38			•		v	DOOR	METAL	11	0
12 13	H			, ,		S	DR/4R	11	n	6.3
700	33	;	Ap 203	•		2	MMC	名的联	ll l	0
227	33					5	11	n	11	0
122/2	2					5	Win 128	d0001	21	C

COMMENTS:

CONDITION OF PAINT.

I INTACT F FAIR - Small Amount Flaking P POOR - Larga Amounts Flaking

- 0F PAGE

XRF LEAD BASEL ANT SURVEY

25 Cupania Circio Monfaroy Park, CA 91755

Client SMMUSD - SANTA MONEA H.S. 52.25526.0002

Project No.: ---

Task No.:

Inspector(s):

Survey Locations 601 Pico Devis, Spectrum Analyzer 10#, 1482 1332

	Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surfaco	Substrate	Color	Result (mg / cm²)
(5.2	73		AD 263		•	N	Dook	COOCH	上書	2,0
3	242		7			Ŋ	8 12	Metal	11	0
623	243		AD 206			2	MAN	PART:	, 2	0.0
<u>7</u>	24		,			2		CERAMIC	264	5,0
927)	X					<u></u>	Floor	И	YENLOW	0
[5.7]	A A					3	SINK	Poecelia	WAT	Q
(23)	THE					3	URWAR		1.	0
529	178					3	Larrey	1		©
સ	240					()	COUNNY	TREYMONIY	13	۵
(5)	Bar					2	Dook	MATH	1	4.0
1633	R		₹	·		Z	12. FR	METAL	Ŋ	0
633.	B		Pro 201			3) (1)	2 Fr	É	0
£ 7.4	23		•			3	=	CERCIMIC	14T	0
	187					Ç	Hoof	11	Comal.	0
š	13.288		Þ			1	SINK	あるのは、	トキろ	0

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR-Small Amount Flaking P POOR-Largs Amounts Flaking

25 Cupania Cirda Monteray Park, CA 91755

Client SMMUSD - SANTA MONRA H.S.

(mg / cm²)

0

Result

Sparty MWNCq C4 90405 Survey Location: Gel Pico Bull.

Inspector(s): —

52.24526.0002

Project No.: Task No.:

5/6/

0 W . 0 0 も O O 0 0 Long AMST. Youan SEPTE BOD V BLOOM Color 15±3 CASELE ST **=** MOP/SINK CAST HOW Metal CERANC PUAST. CELLING PURST. FIRST. MOTAL COOK Jack Joe Door Substrate **** Dook SHEAT DAFF DE/190 Series de la constant B. P WALL d Jak Surface SPE Location N,E,S,W N V \mathcal{D} 3 5 2 رلا Quantity Of Load が Condition Of Paint H Room / Area 40 18 Th 802 QA AD 400 102 OF P 뜐 Sample No. [03, 9] 16 50 \$ 2 · \$\frac{1}{2}\tau_1 = \frac{1}{2}\tau_1 = \f (b 43 16 1/2 637 <u>(6 35)</u> 1697 (6 % 15.2 3 200

CONDITION OF PAINT.

COMMENTS:

I INTACT F FAIR - Small Amount Flaking

P POOR - Large Amounts Flaking

Ь PAGE.

25 Cupania Circle Montaroy Park, CA 91755

CHONE SMANUSO - SANTA MODER H.S.

4.5. Spectrum Arrabyzar ID #: 1482 / 1332

Survey Location; 601 PILO BLUD.

Inspector(s): __

2.25726.0002

Task No.: .. Project No.:

Result (mg/cm²) 9.9 0.7 0 ö 0 O 0. ر 10 0 Ø 0 0 0 YELLOW Color 10/4 こ سر _ ر = <u></u> 7 E PM801. ZEFEE BELCH METE 2000 METR Substrate GOOM dogs doom ノ ರ ೭ =Book I.R. MARIL BOX CASANG CLOS CAS WIN TR WIN FRE ORTER CDSING pood Surface 7 ž なころ SILL Location N.E,S,W Đ 3 5 3 À 2 3 2 网 2 2 Quantity Of Load Condition Of Paint 48-452 P.R. Room / Aroa 40402 \$ \$ Floar Sample No. (18/275 1.4 23 13 (655 <u>(C</u>2) 257) 1662 -e \$3 *6 5 5* <u>2</u> 3097 079) (1 b3 (665 2 (66

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

XRF LEAD BASEL ANT SURVEY

25 Cupania Circio Monteray Park, CA 91755

Client SMMUSO - SANTA MONEA H.S.

Survey Location: 601 PICO BLUD.

Inspector(s);

52.25526.0002

Project No.: Task No.:

Spectrum Analyzer ID #: 1482 / 1332

Result (mg/cm²) 6 6,0 99 5.0 0 Ö Ö 0 0 Q Ø Med Jak LERICEN BROCKLES COLLY CERMIC WITH ナナろ Color 2 まられ g 5 _ 5 = 7 のまで、 CELLING PLAST. **COON** DRIPE METAL CRESING METAL METAL **DES** WILL DOOR NOOD Substrate WALL PAPET Qoo M (NODD _ DR AR Dood 四月三 五三 TOILET Hook がか Dook Surfaco 。 まる うまる ___ Location N.E,S,W M CA 0 2 3 2 S Quantity Of Lead Condition Of Paint NO 402 (RR Room / Area A040A \$ A 0 103 2 Floor Sample No. 200 1673 678 2 1) 3671 193 1668 (6 6 S (673) 12 183)

CONDITION OF PAINT:

COMMENTS:

F FAIR - Small Amount Fleking P POOR - Large Amounts Fleking

6

XRF LEAD BASEL SANT SURVEY

25 Cupania Circle Manterey Park, CA 91755

Clent SMMUSO - SANTA MONEA H.S.

60

Project No.: Task No.: Floar

Ѕатріс No.

202

16 83

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25

2

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200

23

Result (mg/em²)

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PAST (RON 1)

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COMMENTS

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Yerrow 173 Color TES. Spectrum Analyzar 10 #. 1482 / 1332 \geq _ ntestad METRY # # # B MOON Substrate COORT META DA 170 Sek 名下 Surface 2000 **SUBLL** (UPCL Location N,E,S,W 3 3 2 3 3 Survey Location: 601 Pico BLUD. Quantity Of Lead Condition Of Paint inspector(s); ATTENDERS OF AB 103 D. AP 1030 Коот / Агва AD 102 1 AD 103 \$2.2\$526.0002

CONDITION OF PAINT.

I INTACT
F FAIR - Small Amount Flaking
P POOR - Larga Amounts Flaking

XRF LEAD BASEL ANT SURVEY

25 Cupania Circlo Monterey Park, CA 91755

52.25/26.0002

Project No.; 🚢 Task No.:

5/06/09

Inspectar(s):

Client SMMUSU - SANTA MONRA H.S. Spectrum Analyzer 10# 1482 /1332 Survey Location: 601 Pico BLUD, SANTA MUNDOA CA GOYOS

Result (mg / cm²)										_	•				
ع	Ó	0	O	0	0	0	0	0	0	<u>0</u>	0	0	Ð	0	(
Color	しまけ	11		17	C	ון	>	1	11	11	1)	ン	=	7	
Substrate	Alast	1.0000	METAL	Des (Lyste	PURSHER	900 W	((METAL	(Dect)	METAL	PLAST-	(yook)	11	こ	
Surface	Post	7	4	MACH	(JMC)	WIN FR	SIE	CABING	DOOR	DRIFE	Wall	SHOLF	WW FR	SIK	
Location N,E,S,W	S	r	0	2	2	3	3	<u>ک</u>	درآ	匠	2	S	3	3	- 1
Quantity Of Load	•			•											
Condition Of Paint											-			•	
Room / Araa	COUNSECULE.		**	NO LOSE	AD501)	A0 502				
Floor															
Sample No.	20	花	37.0	276	326	Z	322	23	The state of the s	2 de la constante de la consta	326	327	378	Ben	かなべ
	<u></u>	1653	56 9)	g F	;; [- [5	· 103	707	705	3 2 3	10/10	101	1103	1710	(1 ()

CONDITION OF PAINT:

COMMENTS:

I INTACT F FAIR - Small Amount Floking P POOR - Lingo Amounts Floking

OF ... PAGE ___ XRF LEAD BASEL ...NT SURVEY

25 Cupania Circlo Monterey Park, CA 91755

CHONE SMANUSD - SANTA MONRA H.S. Spectrum Analyzer ID # 1482 / 1332 Survey Locations 601 Pico Burus, Sharta Munnica, CA 90405

52.24526.0002

Project No.:

Task No.:

inspector(s): __

	Sample No.	Floor	Room / Araa	Condition Of Paint	Quantity Of Load	Location N,E,S,W	Surfaco	Substrate	Color	Rosult (mg / cm²)
505 505 506 507 508 508 508 508 508 508 508 508		-	\$ 8 P		•	2	7H/NIM	(joog)	WAT	Ø
SOS SOB SOB SOB SOB SOB SOB SOB	- +					2	2 K	1	7	0
505 201 506 507 507 507 507 507 507 507 507	 -		∜			7	CARSING	MOTH	,,,,,	0
S CASING SOB SOB SOB SOB SOB SOB SOB SOB SOB SOB			AD 505		•		WINTRA.	0000		0
S DOPHAL SOB SOT- SOT- SOT- SOT- SOT- SOF- SOF- SOF- SOF- SOF- SOF- SOF- SOF							MY	7		0
50 DR FAL 500 S DR FAL 507 S DR FAL 507 S DR FAL 507 S DR FAL 508 S	t					7	SMISTONS	METAL	Þ	D.0
506 S DORING 507 SOT WINDER	,					ŝ	73HM		₹ .	0,3
506 507- 507- 507- 507- 5111- 510- 500- 500- 500-						5	360 0	apol 9		Q
507- NUM FOR S WIN FOR S SOFT SOFT SOFT SOFT SOFT SOFT SOFT SO			P			S	の配合	MOTAL	7	0
NIMITAR SILL SICHENC SOOR			_			2	,	PURST,	NATT.	0
SITI CABINC COOR			AS 507			2		خN	V	6.0
CABINC COOR				-				11	3.	- · · ·
Spect of the state						Ð	CAEINC	HUBLING	*	0
							Spark	S		0
			D	•		V	\$ \$ \$	MOTTER	Þ	5.7

CONDITION OF PAINT:

COMMENTS;

I INTACT F FAIR - Small Amount Flaking P POOR - Longo Amounts Flaking

님 PAGE Survey Location: Gol Pico Bury, Shuta MUNICA, CA GOYDS Client SMANUSD - SANTA MONDER H.S.

52.25726.0002

Project No.:

Task No.:

e

Inspectar(s);

		1		T			1		1	7	1	1	1		ì ·
Result (mg / em²)	0.0	0	Q	0	0	Ø. %	0.7	0	0.1	0	N.0	D W	0). O	6
Color	WH+		,												*
Substrate	PLASSER WHT	d com	*	MUSTAL	doom	PLAST	Door	Neth	(NOOD)	Belck.	pust.	മായന	COOM	METAL	おいまれ
Surfaco	Walk	Win FP	SIC		部户	WACL		DP/AP NOTA	Moroling Wood	tuall.		MOUDING WOOD	Book	DE 120	naci
Location N.E.S.W	V	2		-D	B	<u>RA</u>	3	3,	M	S	P	d	2	5	2
Quantity Of Load	٠														
Condition Of Paint											-		•		
Room / Area	A0 508	Ap 501		1	7	\$0 510	40511		>	40 512	ADS13	*	10 514		
Floor															
Sample No.	2 1		10/2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	200	1860	200	184	Sign		287	200	100	2500
6.	- !	77/		_ [_ \(\tilde{\chi} \)	1	732	2, 5	2 5	7 1	7 20	/ / /	36/	1777	0/ /,	

CONDITION OF PAINT

COMMENTS:

I INTACT F FAIR - Small Amount Flaking P POOR - Larga Amounts Flaking

OF. PAGE

XRF LEAD BASEL ANT SURVEY

25 Cupania Cirdo Monterey Park, CA 91755

Client SMAUSO - SANTA MONER H.S.

52. 25526.0002

Project No.: Task No.:

Inspector(s);

Survey Locations Gol PICO BLUD, SANTA

Spectrum Analyzer 10 #; 1482 / 1332 MWNDCA, CA 90405

Rosult (mg / cm²) 6.3 0 6 0 D • 00 A Color トキる = PASTER Substrate STEEL BELK Surface 243 BERT DOCK Location N,E,S,W V Quantity Of Load Condition Of Paint CAU BRATION Room / Area AD 516 AD 515 Floor Sample No. 198 (747) 1745 38A 838 MhL1 COMMENTS: 142 365 1746

CONDITION OF PAINT:

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PAGE

I INTACT F FAIR - Small Amount Flaking P POOR - Large Amounts Flaking

	P.A	AGE OF
Address (Linit No SANTA MUNICA H.S	601 PICO BUD.	
Address / Unit No. SANTA MUNICA H.S	ANTA MONICA, CA	90405
Device: RMD XRF		
Date: _ 5. 4. 09 XRF Serial No.	(1482) 1332 CIM	icis ons
Contractor: Atc Assoc.		//
Contractor: ATC ASSOC. L'Inspector Name: LOSERT DE TATORNE	*Signature	/
NIST SRM Used/, 9 mg/cm²	Calibration Check Tolerance	Usedmg/cm²
First Calibration Check NIST SRM First Reading Second Reading Third Reading	First Average	Difference Between First Average and NIST SRM*
First Reading Secong Reading Third Reading / 8 / 8 / 7	1.8	0.1
1 2 3		
Second Calibration Check NIST SRM First Reading Secong Reading Third Reading	Second Average	Difference Between Second Average and NIST SRM*
1.7 1.6 1.6	1.6	0.3
133 134 135		
Third Calibration Check (if required)		
NIST SRM First Reading Secong Reading Third Reading	Third Average	Difference Between Third Average and NIST SRM*
Fourth Calibration Check (if required)		Difference Between Fourth
NIST SRM First Reading Secong Reading Third Reading	Fourth Average	Average and NIST SRM*

^{*} 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.

			P/	AGEOF
Address / Unit No	54N74 Mu,	VICA H.S	601 PICO BURD.	
Address / Chit No.	, , , , , , , , , , , , , , , , , , ,		SANTA MONICA, CA	90405
Date: 5/5/0	9	XRF Serial No	(1482)/1332 CIM	icis ons
			1 / /	\bigcap
Inspector Name:	PODENT D	elstonen	Signature_	
NIST SRM Used		mg/cm²	Calibration Check Tolerance	Used mg/cm
First Calibration Ch	neck NIST SRM			Difference Between First
First Reading	Secong Reading	Third Reading	First Average	Average and NIST SRM*
1.B	1.6	290	1.7	0.2
Second Calibration First Reading	NIST SRM	Third Reading	Second Average	Difference Between Second Average and NIST SRM*
1.6	1.8	1.7	1.7	0.2
416 WACH Third Calibration Cl		418		Difference Between Third
First Reading	NIST SRM Secong Reading	Third Reading	Third Average	Average and NIST SRM*
1.9	1.9	1.9	1.9	- D
417 Revulue		421 d)		
	NIST SRM Secong Reading	Third Reading	Fourth Average	Difference Between Fourth Average and NIST SRM*
/. 8	1.[1.6	1.6	0.3
FOR CIDATE	HOT DE	∠ 0¬		

^{*} If the difference of the Calibration Check Average from the NIST SRM film value is greater than the spacified 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.

				PAGE OF
Address / Unit No	. SANTA MUN	SICA H.S	GOI PICO BLAD. SANTA MONICA, CA	
		•	SANTA MONICA, CA	90405
Device: RML	XRF			
Date: 5/6	109	XRF Serial No.	1482 /1832 C	incle one
Contractor:	Ato Assoc	· .		
Inspector Name:	D. CARRI	OP.	*Signature	
•				
NIST SRM Used	1.0	mg/cm²	Calibration Check Tolerand	ce Used mg/cm
		mg/orti	Calibration Officer Total and	
First Calibration C	NIST SRM	Titul Deadles	First Average	Difference Between First Average and NIST SRM*
First Reading O • 9	Secong Reading O.9	Third Reading O · 8	0.9	- \
		<u> </u>	- V	
Second Calibration		M - M - Mary - M	1	Difference Between Second
First Reading	NIST SRM Secong Reading	Third Reading	Second Average	Average and NIST SRM*
1.0	(.0	0.9	1.0	Ø
Third Calibration C	Check (if required,		Г	Difference Between Third
First Reading	NIST SRM Secong Reading	Third Reading	Third Average	Average and NIST SRM*
0.4	0.8	0.9	0.9	- (
Fourth Calibration		d)		Difference Between Fourth
First Reading	NIST SRM Secong Reading	Third Reading	Fourth Average	Average and NIST SRM*
1.0	1.0	1.0	1.0	

^{*} 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.

			P.	AGE OF
Address / Unit No.	SANTA Mu,	VICA H.S	GOI PICO BUND.	
		ل	ANTA MONICA, CA	90405
Device: RMD				
Date: 35/	07/09	XRF Serial No.	1482 /1332 CI	elle one
Contractor:				
J.	Pal 1	1-1-tage	*Signature	
Inspector Name:	KV811 a	6/4/01/19	↑ Signature	70
			<i></i>	
NIST SRM Used		mg/cm²	Calibration Check Tolerance	Usedmg/cm²
First Calibration Ch	neck			
First Reading	NIST SRM Secong Reading	Third Reading	First Average	Difference Between First Average and NIST SRM*
1.5	1.6	1.5	1.5	0,4
824	825	876		
· ,		- 00		
Second Calibration	NIST SRM		Second Average	Difference Between Second
First Reading	Secong Reading	Third Reading		Average and NIST SRM*
1.8	1.9	1.9	1.9	
1076	1077	1078		
Third Calibration C	heck <i>(if required</i>	~ }		
	NIST SRM		Third Average	Difference Between Third Average and NIST SRM*
First Reading	Secong Reading	Third Reading	19	Average and IVIO1 ORIVI
1.0	1.8	1.9	1 + /	
1138	1139	1140		
Fourth Calibration (Check (if require	d)		
First Reading	NIST SRM Secong Reading	Third Reading	Fourth Average	Difference Between Fourth Average and NIST SRM*
i not iveaung	Coons Neading	rame researing		
1	i	r	i	

^{*} 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.

			P	AGEOF
Address / Unit No.	SANTA MUX	sica H.S	601 PICO BURO.	
_			SANTA MONICA, CA	90405
Device: RMD	XRF			
		XRF Serial No.	(1482) / 1332 CI	ILLE ONE
Contractor:	Atc Assoc	<i>'</i> ,		,
Inspector Name:	forert be	La Torre	*Signature	\for
•			9.	//
NIST SRM Used		mg/cm²	Calibration Check Tolerance	Usedmg/cm²
First Calibration Che			.	Difference Between First
First Reading	NIST SRM Secong Reading	Third Reading	First Average	Average and NIST SRM*
1,5	1,5	1.5	1.5	0.4
1/4/	1142	1143		
Second Calibration	Check			
First Reading	NIST SRM Secong Reading	Third Reading	Second Average	Difference Between Second Average and NIST SRM*
	1.6	1.5	1.6	0.3
13 78	1379	1380		
Third Calibration Ch	eck <i>(if required)</i> NIST SRM		Γ .	Difference Between Third
First Reading 5		Third Reading	Third Average	Average and NIST SRM*
Fourth Calibration C		d)		L Difference Debugge Fourth
First Reading S	NIST SRM Secong Reading	Third Reading	Fourth Average	Difference Between Fourth Average and NIST SRM*

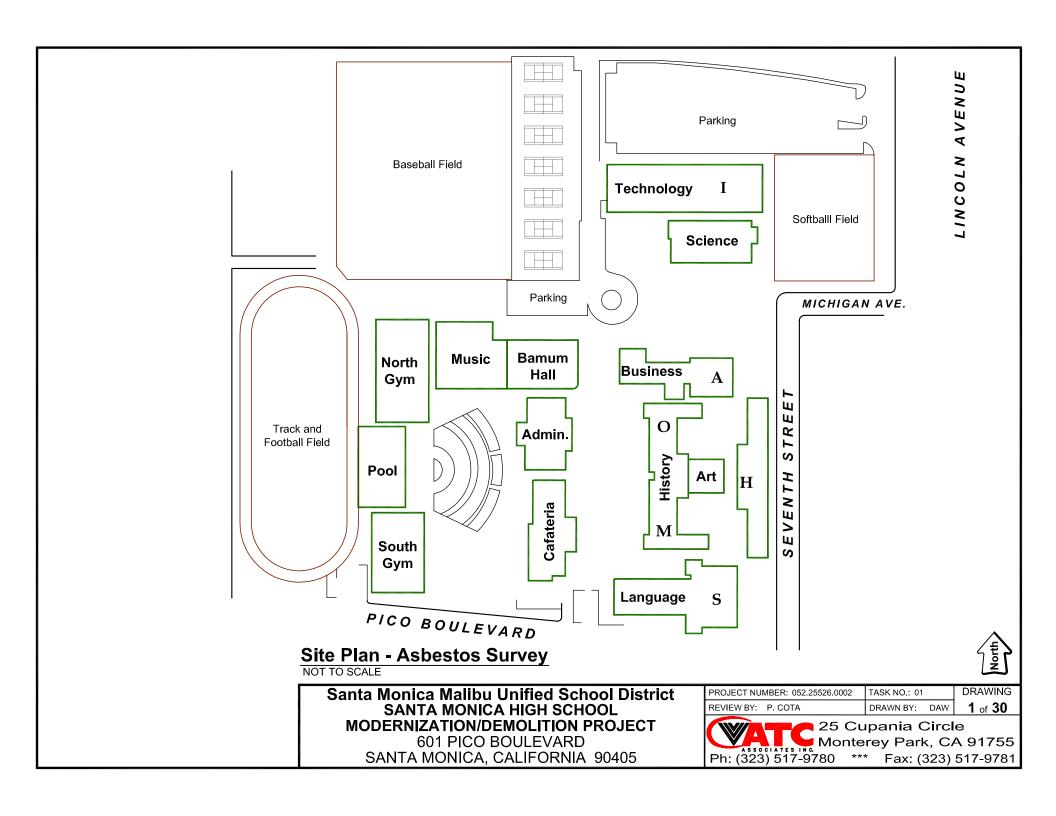
^{*} If the difference of the Calibration Check Average from the NIST SRM film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful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

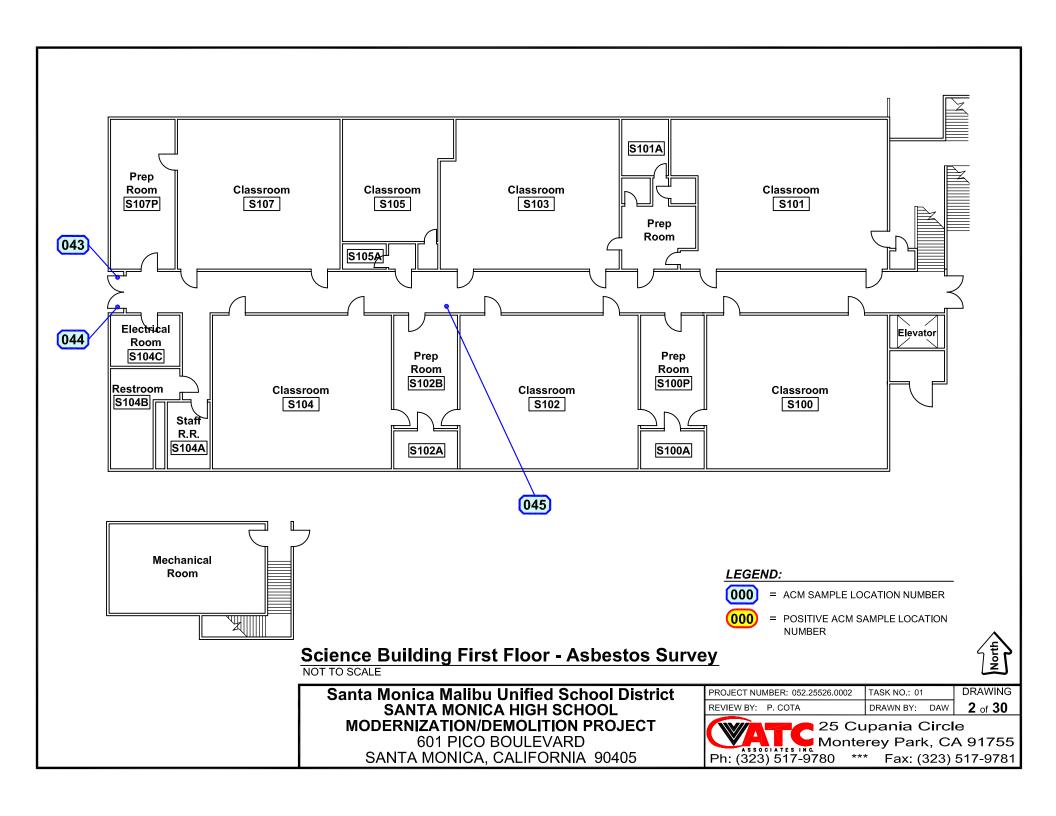
LEAD HAZARD EVALUATION REPORT

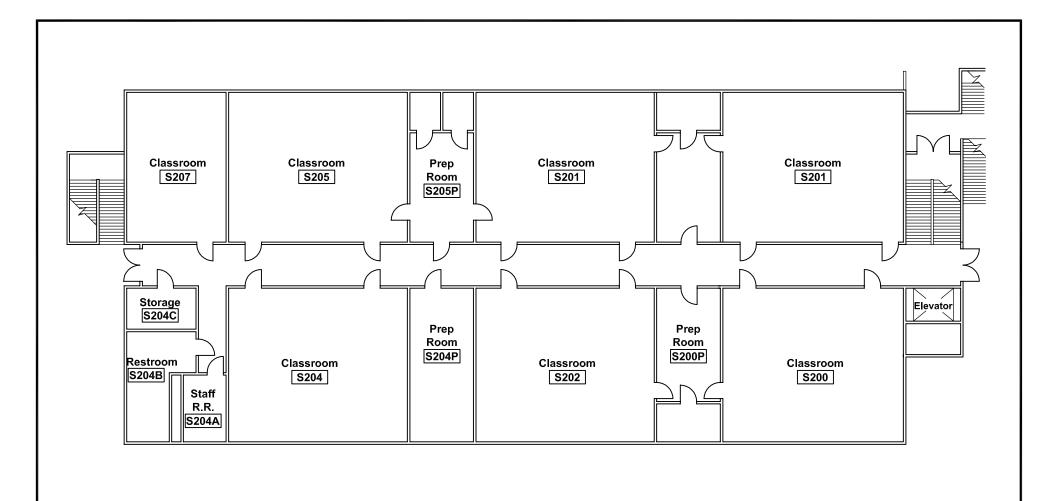
Section 1 — Date of Lead Hazard Evaluation Ma	y 4, 2009		
Section 2 — Type of Lead Hazard Evaluation (Ch	eck one box only)		
✓ Lead Inspection Risk assessment	Clearance Inspection	Other (specify)	
Section 3 — Structure Where Lead Hazard Evalua	ation Was Condusted		
Address [number, street, apartment (if applicable)]	City	County	Zip Code
601 Pico Boulevard	Santa Monica	Los Angeles	90405
	The same and same and same	Los Angeles	30400
Construction date (year) Type of structure (check of structure		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Multi-unit build	ding School or daycare	Single family dwell	ing
Unknown Other (specify	()		
Section 4 — Owner of Structure (if business/age	ncy, list contact person)		
Name		Telephone number	
SMMUSD/Virginia Hyatt		310-450-8338	
Address [number, street, apartment (if applicable)]	City	State	Zip Code
1651 Sixteenth Street	Santa Monica	CA	90404
		Marie .	12.4.4.4.1
Section 5 — Results of Lead Hazard Evaluation (check all that apply)		
No lead-based paint detected.	Lead-based paint detected		
No lead hazards detected.	Lead hazards detected.		
Section 6 — Individual Conducting Lead Hazard	Evaluation		
Name		Telephone number	
ATC Associates Inc./Paul Cota		323-517-9780	
Address [number, street, apartment (if applicable)]	City	State	Zip Code
25 Cupania Circle	Monterey Park	CA	91755
CDPH certification number	Signature		Date
LRCIA No. 14316	TRIC		5-4-09
the state of the s	0		0 + 00
Name and CDPH certification number of any other individual Robert de la Torre - LRCIA No. 14598	als conducting sampling or testing	(if applicable)	
Damon Carrier - LRCIA No. 19034	C.		
Section 7 — Attachments			
A. A foundation diagram or sketch of the structure in	dicating the specifc locations of	of each lead hazard or pres	ence of
lead-based paint; B. Each testing method, device, and sampling proce-	dure used:		
C. All data collected, including quality control data, la		oratory name, address, and	d phone number.
Street and street at the street and street at the street a	And the second of Angels		
1			
First copy and attachments retained by inspector	Third copy only (no	attachments) mailed or faxed t	o:
Second copy and attachments retained by owner		soning Prevention Branch Rep kway, Building P, Third Floor 4-6403	orts

APPENDIX C

Site Diagrams







= ACM SAMPLE LOCATION NUMBER

= POSITIVE ACM SAMPLE LOCATION NUMBER

Science Building Second Floor - Asbestos Survey

NOT TO SCALE

Santa Monica Malibu Unified School District

PROJECT NUMBER: 052.25526.0002

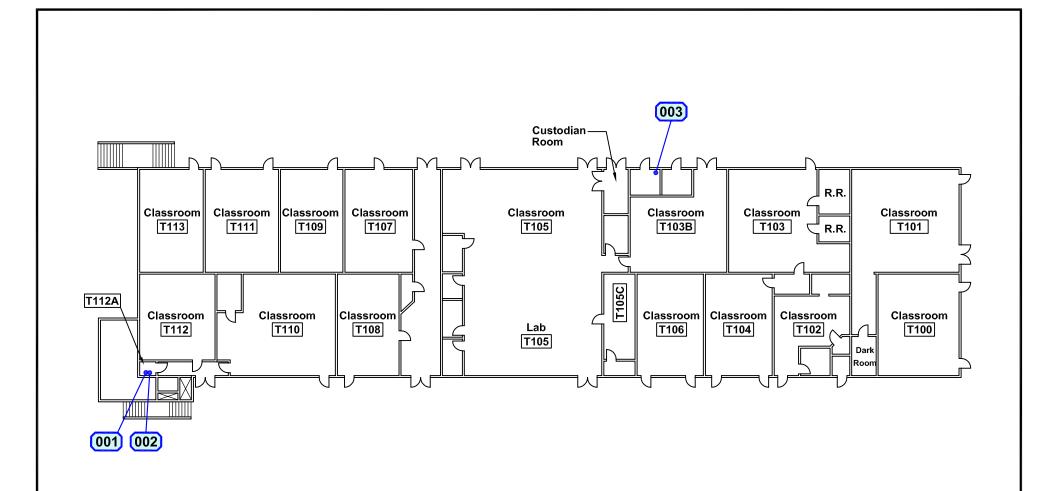
TASK NO.: 01 DRAWN BY: DAW DRAWING **3** of **30**

MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD** SANTA MONICA, CALIFORNIA 90405

SANTA MONICA HIGH SCHOOL

Ph: (323) 517-9780

25 Cupania Circle Monterey Park, CA 91755 *** Fax: (323) 517-9781



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= ACM SAMPLE LOCATION NUMBER

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= POSITIVE ACM SAMPLE LOCATION NUMBER

TASK NO.: 01

DRAWN BY: DAW

Technology Building First Floor - Asbestos Survey NOT TO SCALE

Santa Monica Malibu Unified School District **SANTA MONICA HIGH SCHOOL** MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD**

SANTA MONICA, CALIFORNIA 90405

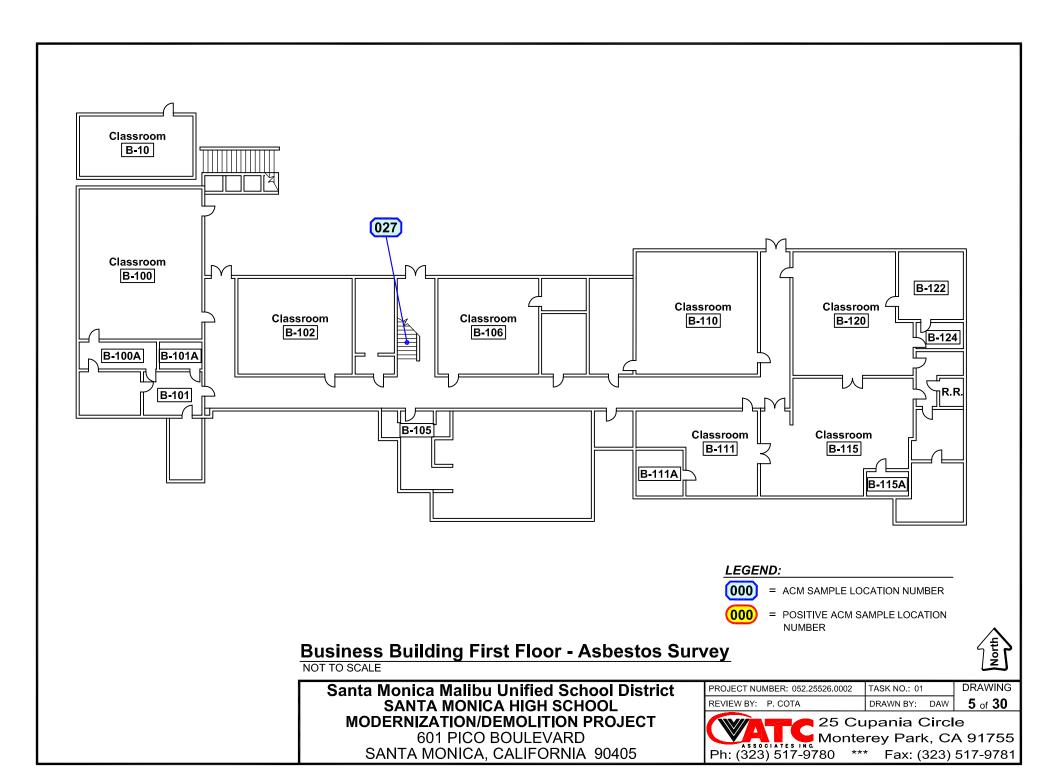
25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781

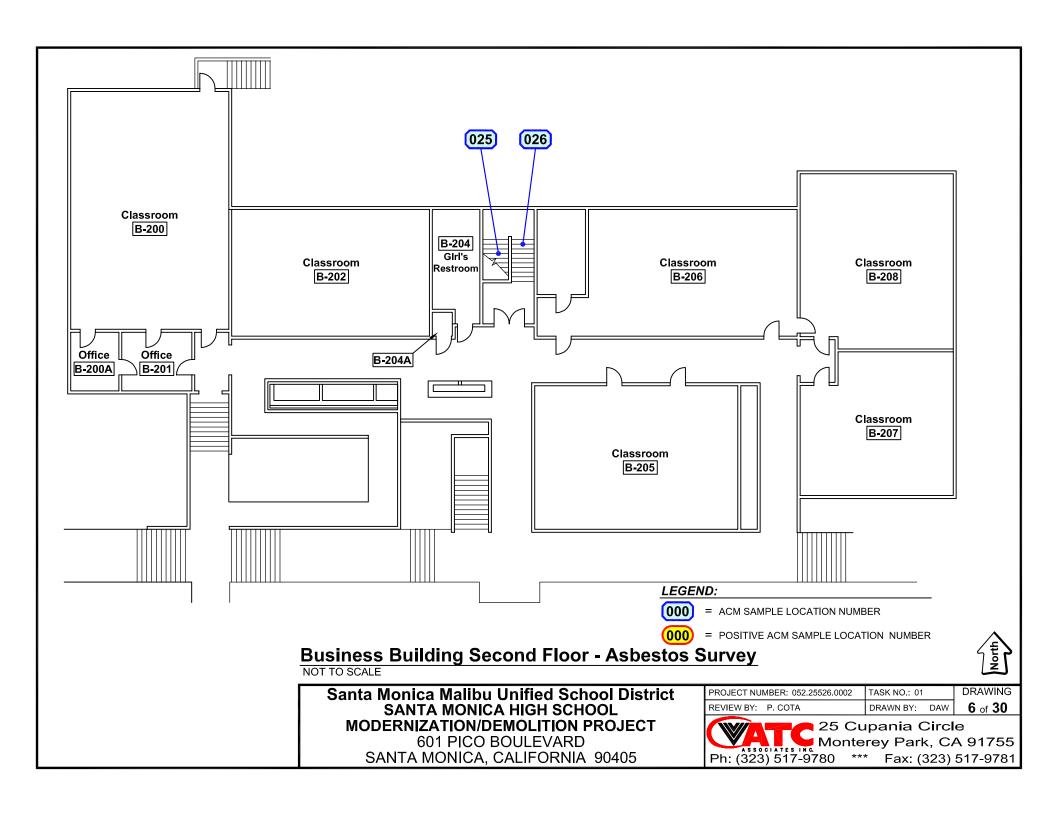
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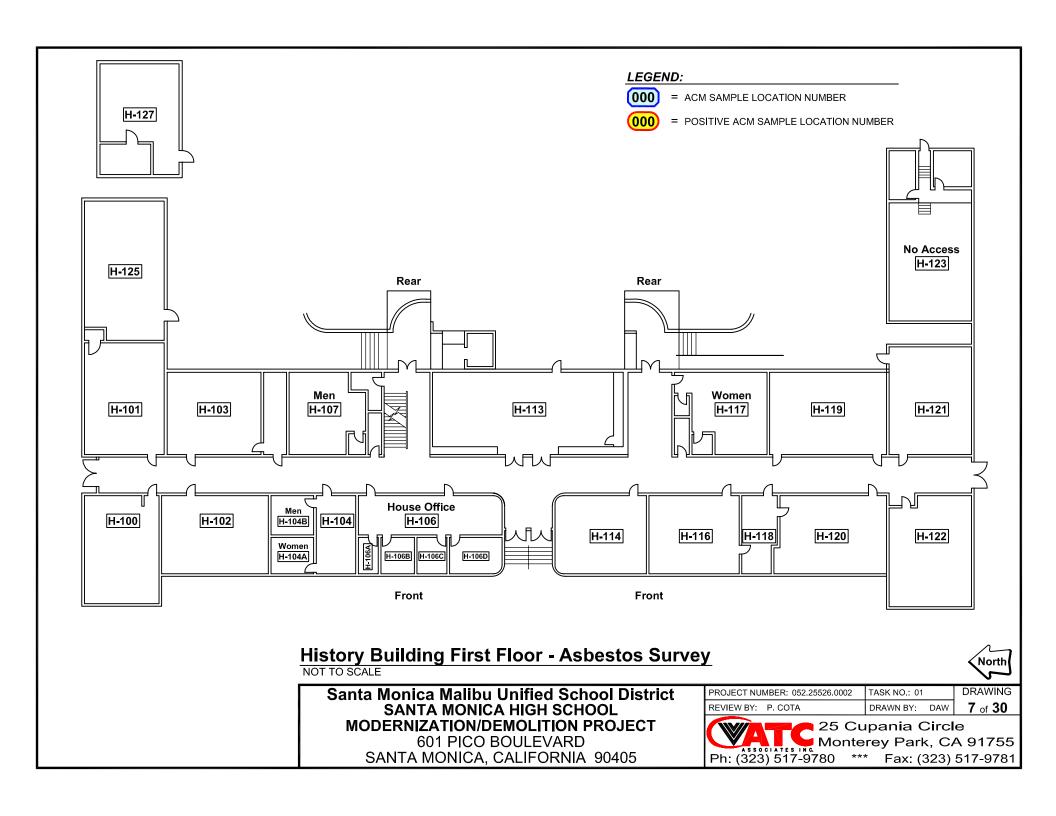


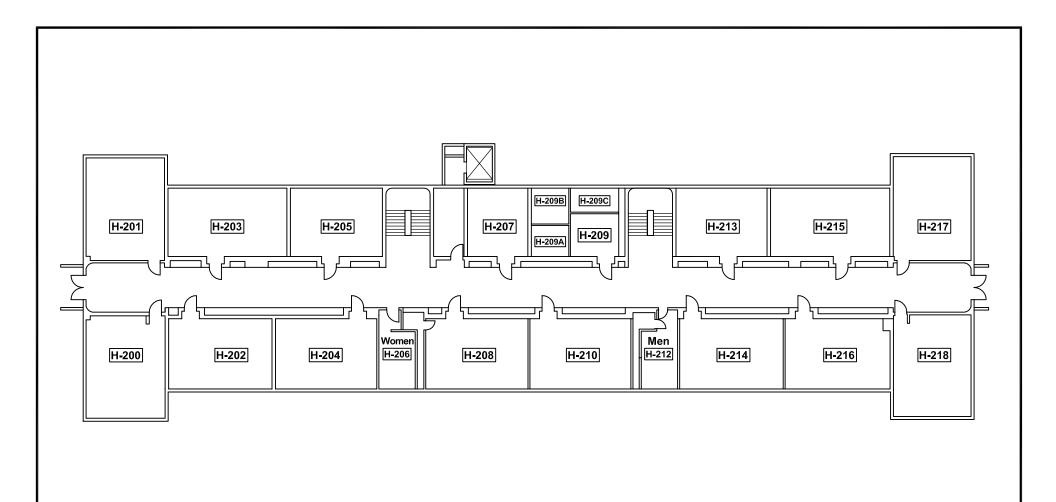
DRAWING

4 of **30**









REVIEW BY: P. COTA



= ACM SAMPLE LOCATION NUMBER



= POSITIVE ACM SAMPLE LOCATION NUMBER

History Building Second Floor - Asbestos Survey NOT TO SCALE



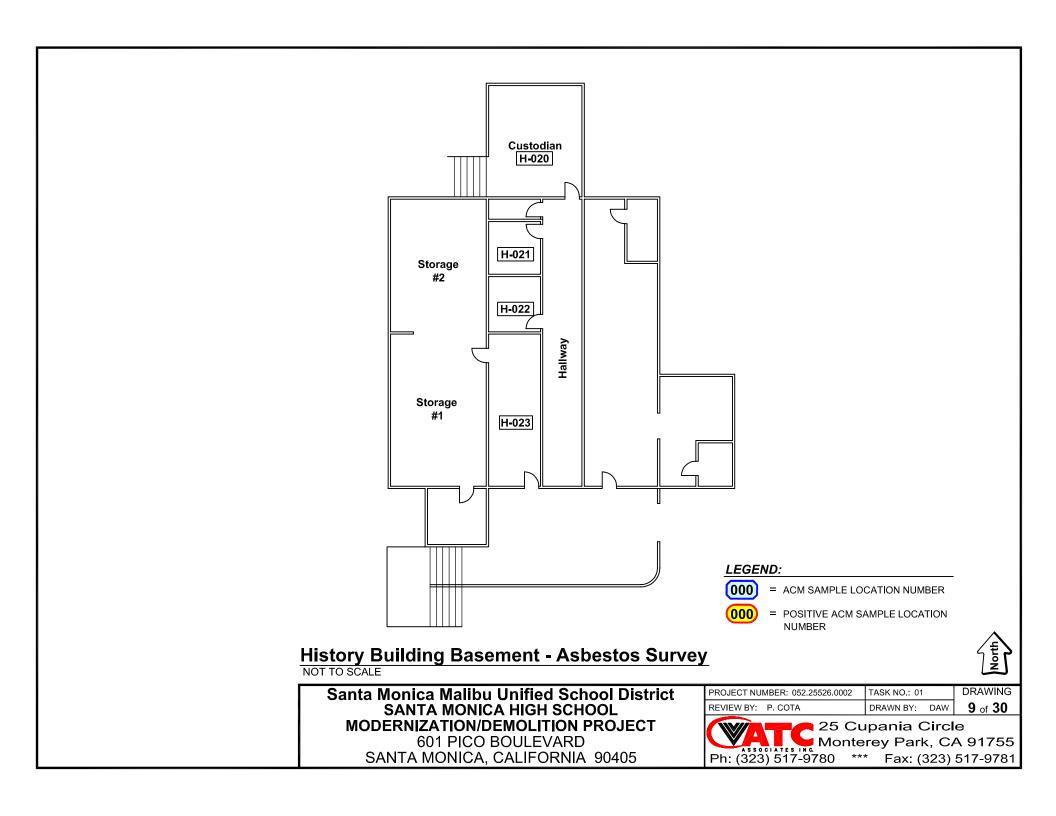
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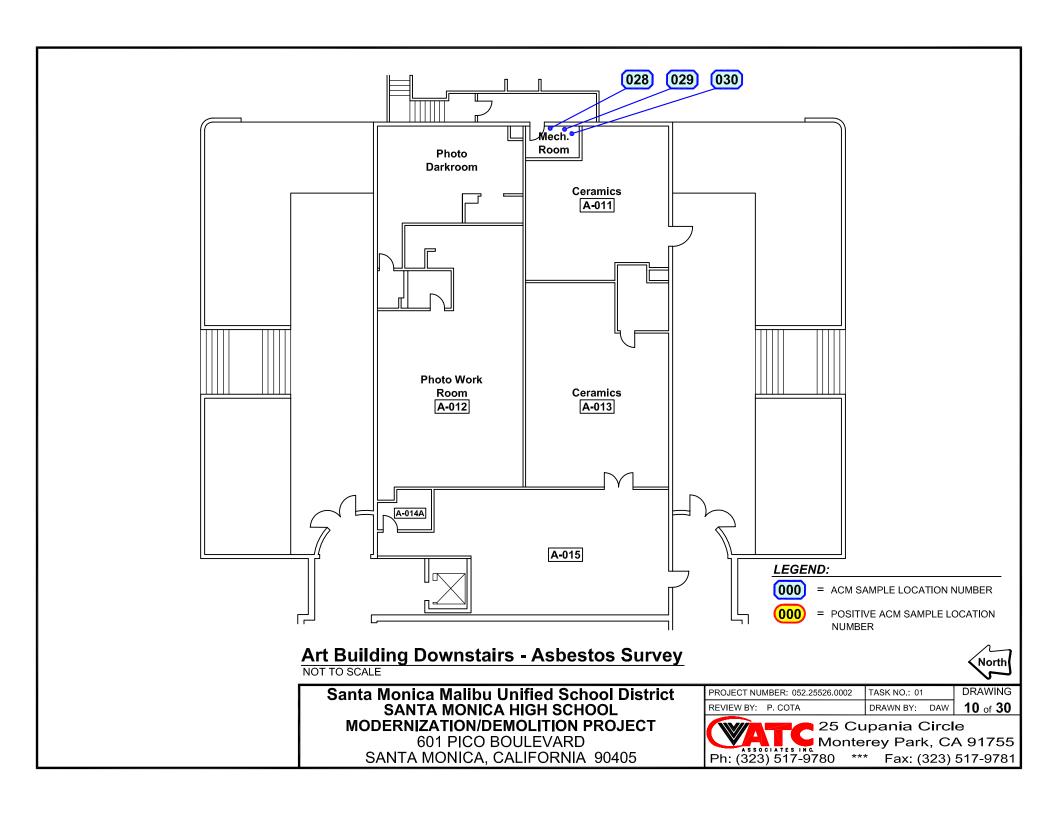
8 of 30

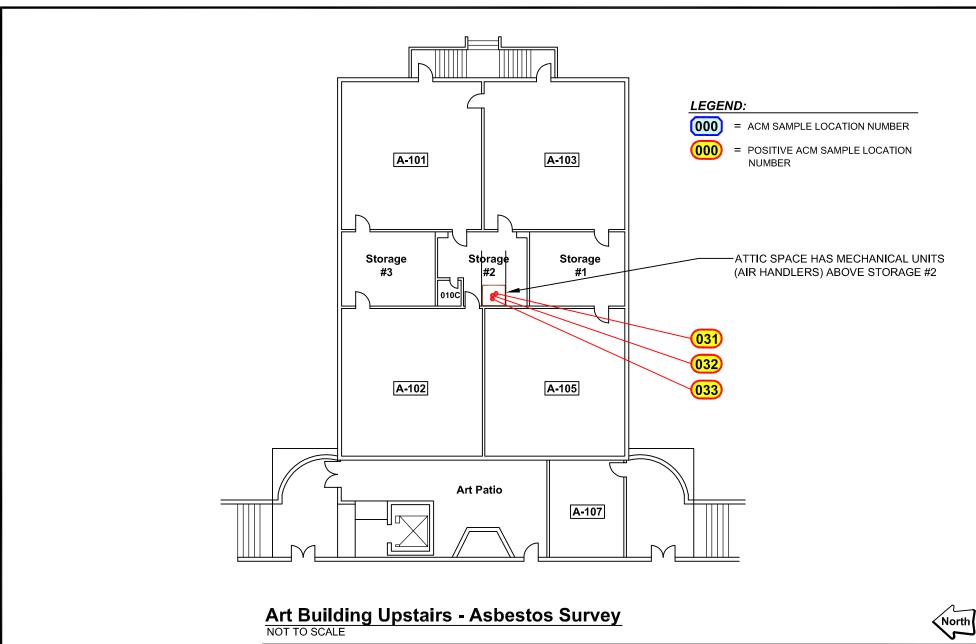
Santa Monica Malibu Unified School District **SANTA MONICA HIGH SCHOOL** MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD**

25 Cupania Circle Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781

SANTA MONICA, CALIFORNIA 90405



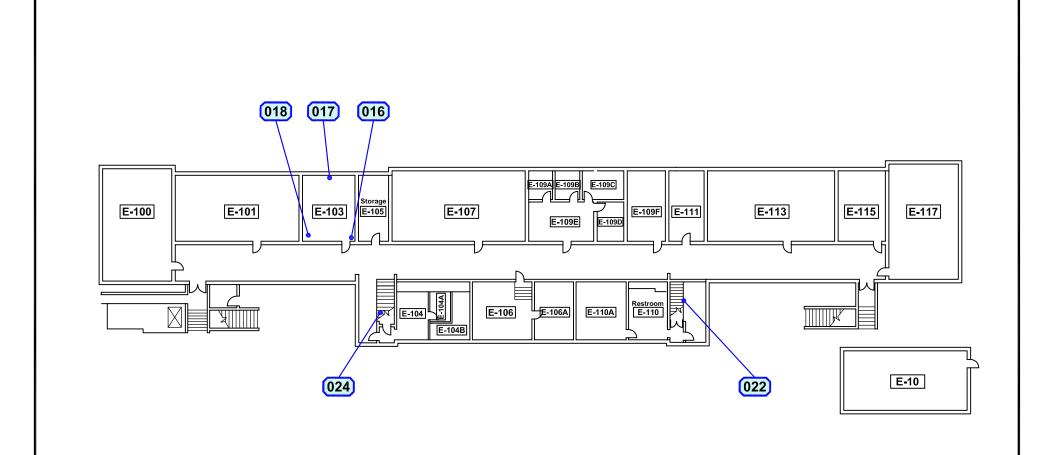




Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405
 PROJECT NUMBER: 052.25526.0002
 TASK NO.: 01
 DRAWING

 REVIEW BY: P. COTA
 DRAWN BY: DAW
 11 of 30





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= ACM SAMPLE LOCATION NUMBER

REVIEW BY: P. COTA

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= POSITIVE ACM SAMPLE LOCATION NUMBER

English Building First Floor - Asbestos Survey

NOT TO SCALE

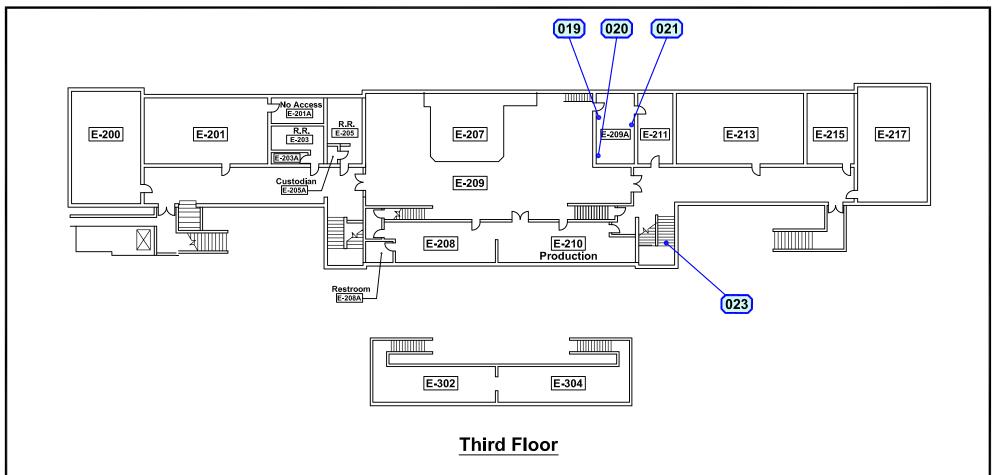


DRAWN BY: DAW 12 of 30

Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD

601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405

25 Cupania Circle
Monterey Park, CA 91755
Ph: (323) 517-9780 *** Fax: (323) 517-9781





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= ACM SAMPLE LOCATION NUMBER

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= POSITIVE ACM SAMPLE LOCATION NUMBER

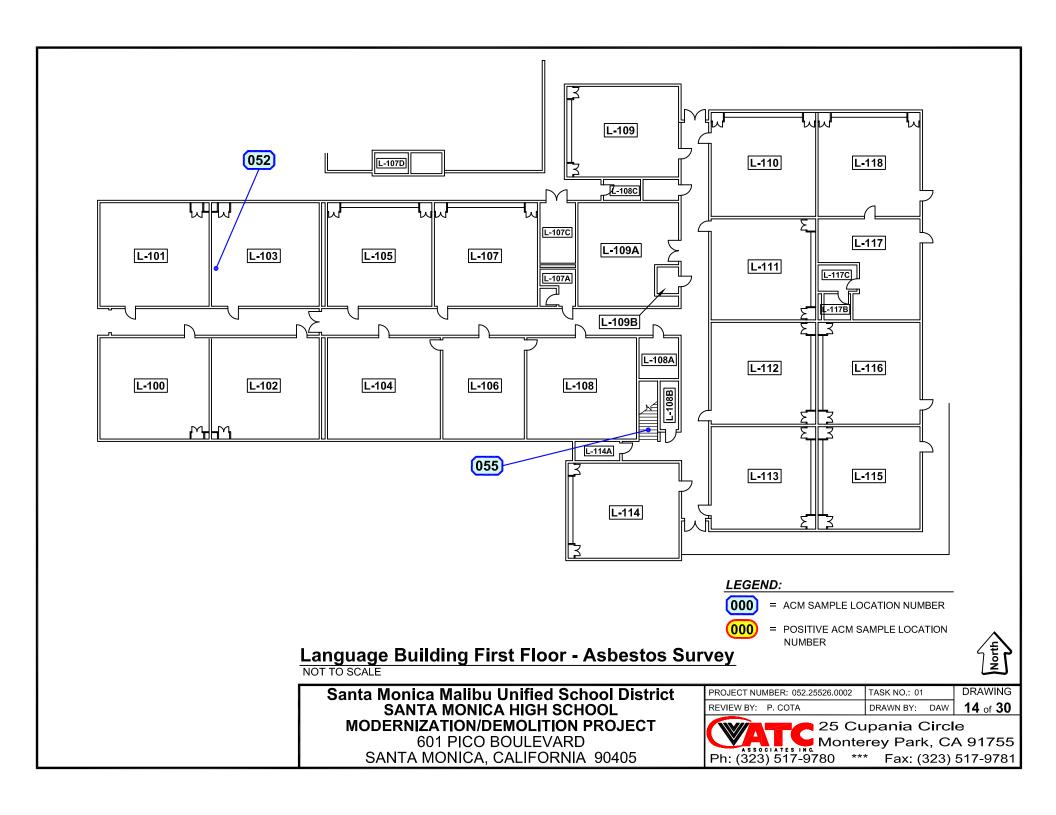
English Building Second Floor - Asbestos Survey

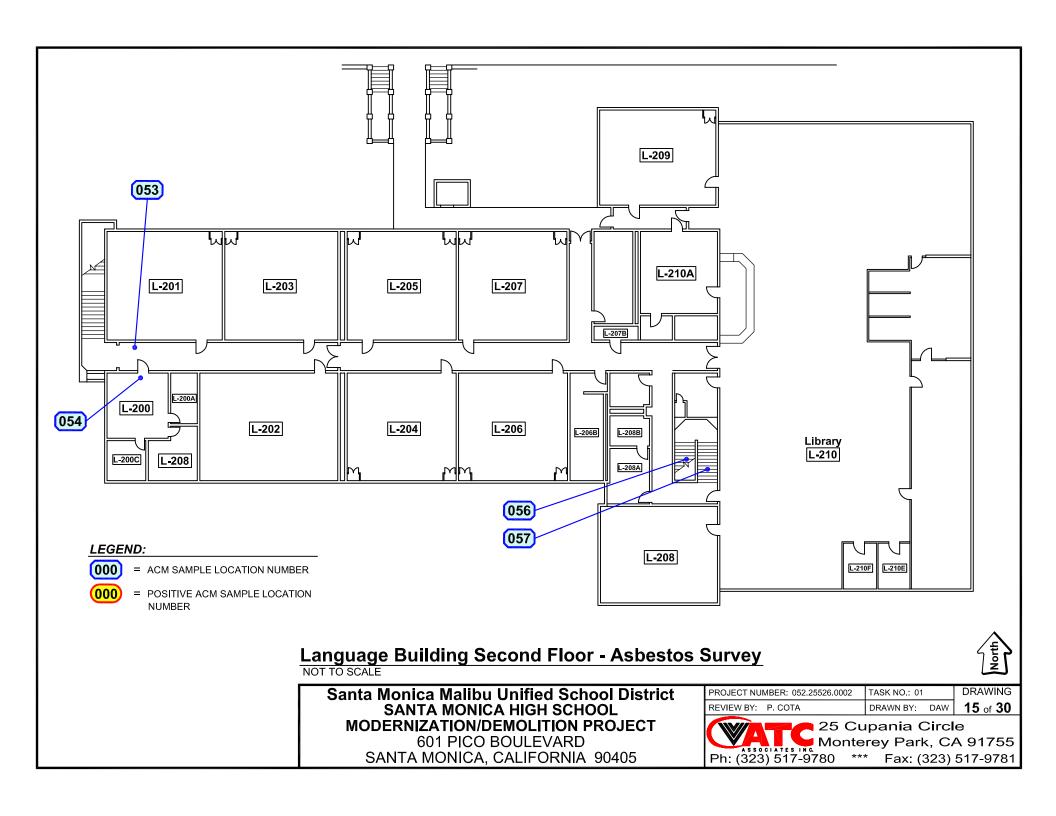
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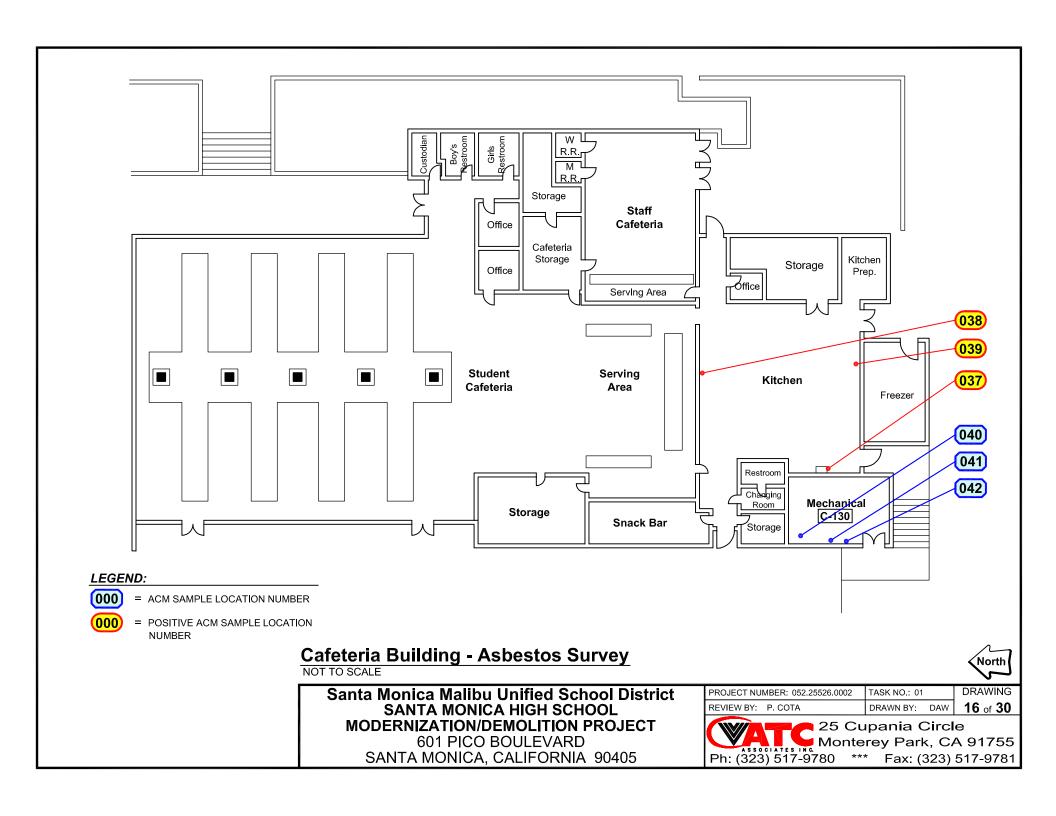


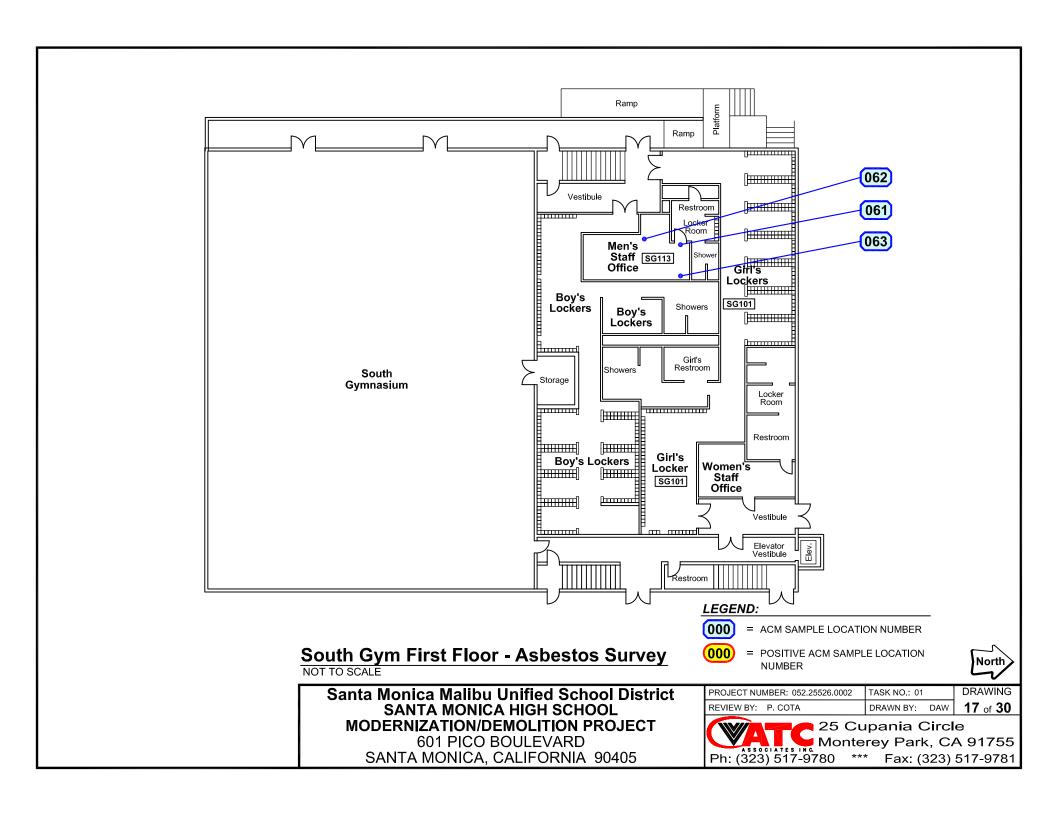
Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405

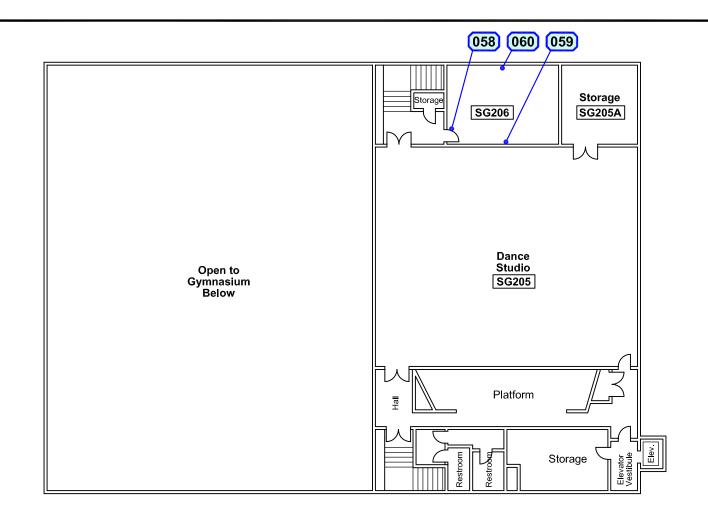
PROJECT NUMBER: 052.25526.0002	TASK NO.: 01	DRAWING
REVIEW BY: P. COTA	DRAWN BY: DAW	13 of 30
25 Cu Monte Ph: (323) 517-9780 ***	ipania Circl rey Park, C <i>i</i> * Fax: (323)	4 91755













= ACM SAMPLE LOCATION NUMBER



= POSITIVE ACM SAMPLE LOCATION NUMBER

South Gym Second Floor - Asbestos Survey NOT TO SCALE

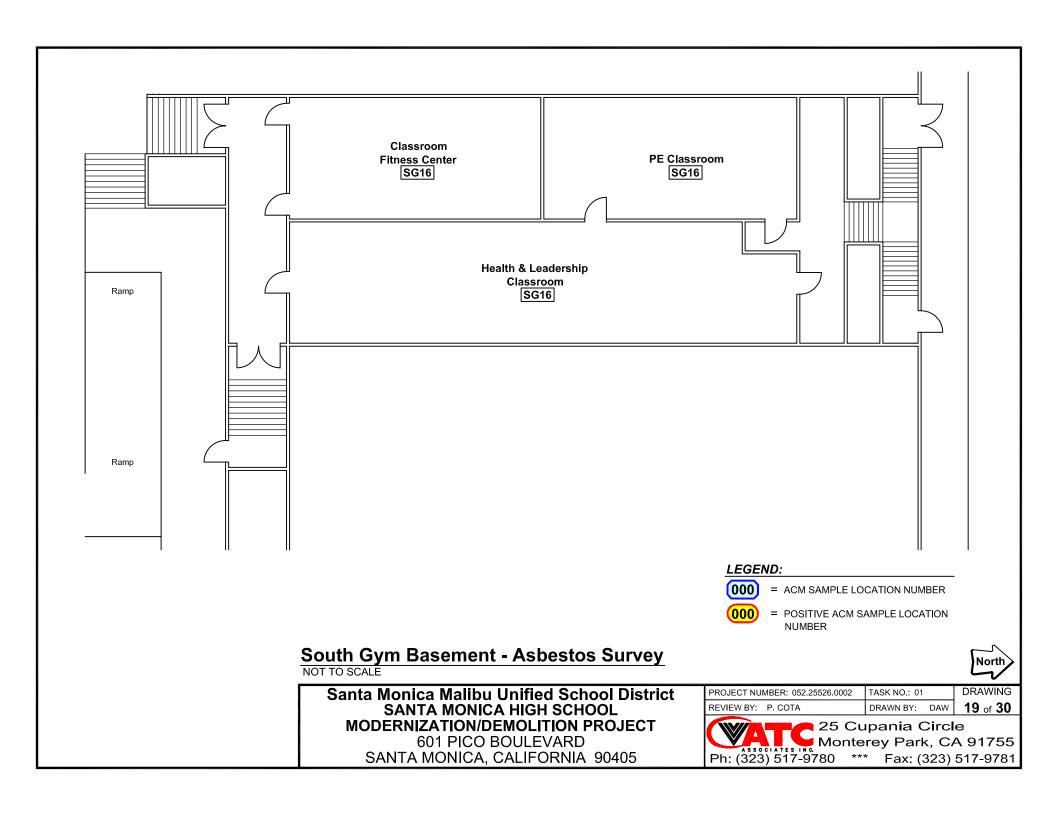


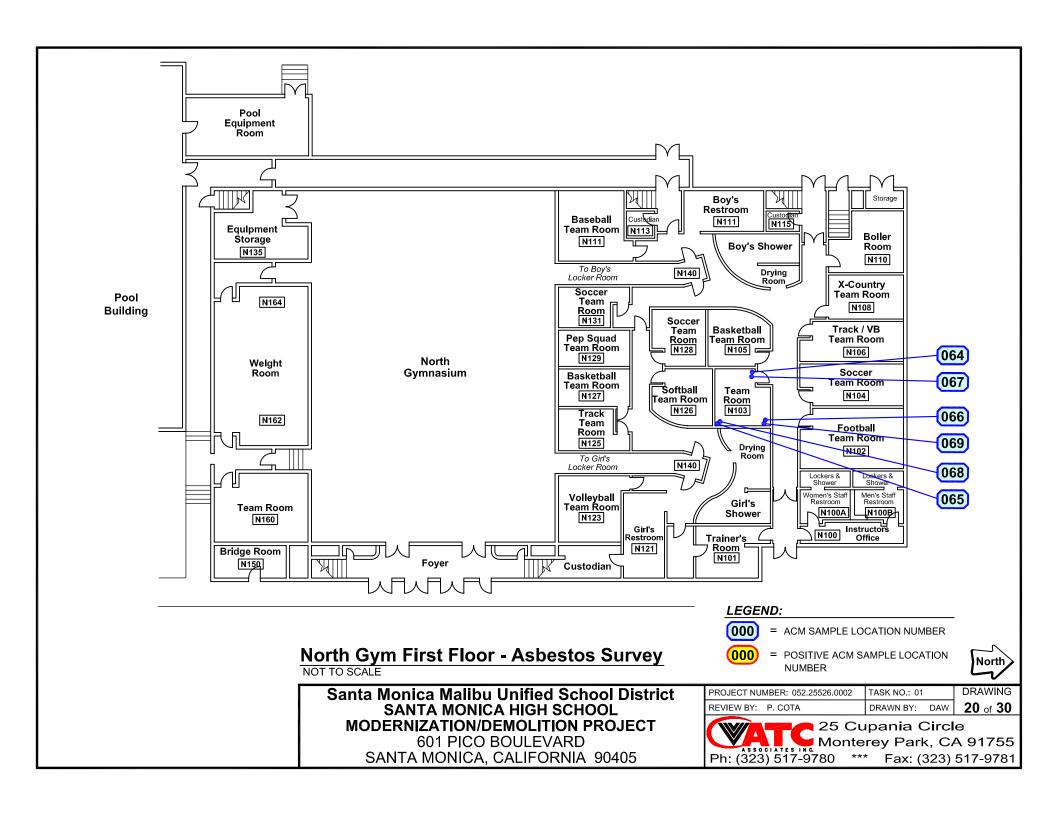
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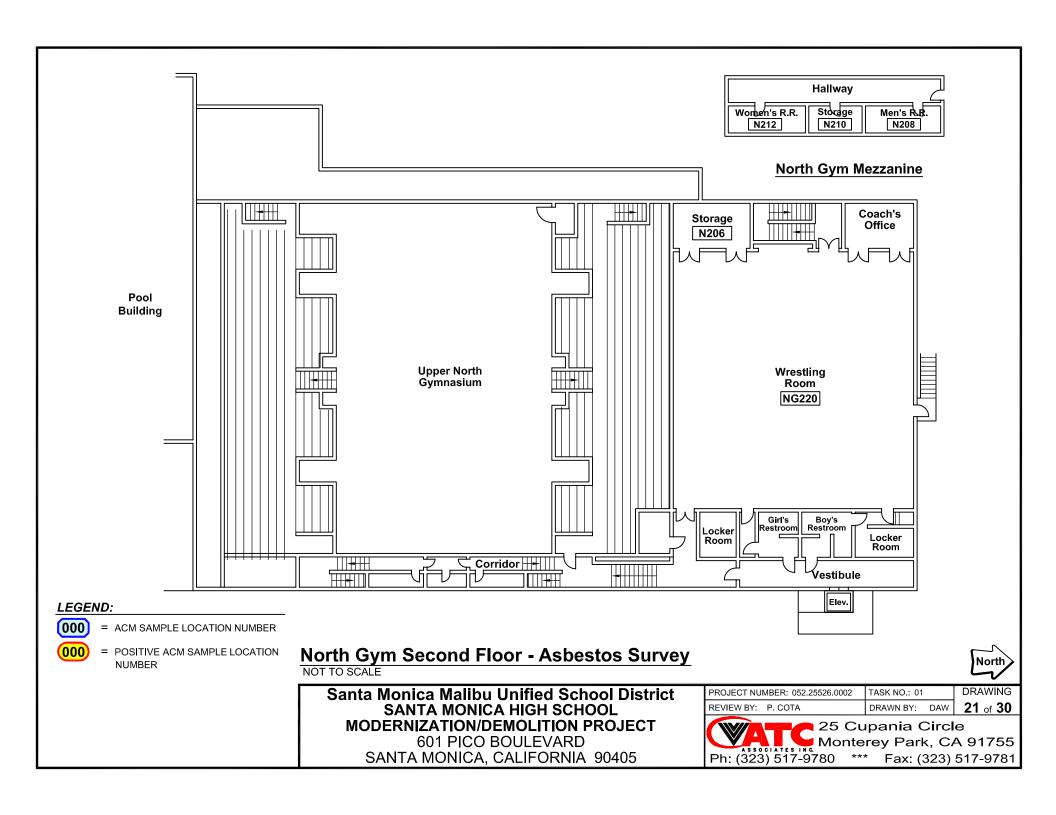
Santa Monica Malibu Unified School District **SANTA MONICA HIGH SCHOOL** MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD** SANTA MONICA, CALIFORNIA 90405

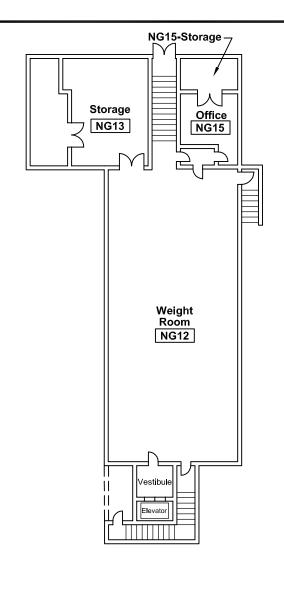
1 1100E01 110101DE11. 002.20020.0002	171011110 01	2
REVIEW BY: P. COTA	DRAWN BY: DAW	18 of 30
	ipania Circl	
Ph: (323) 517-9780 ***	rey Park, C <i>i</i> * Fax: (323)	

PROJECT NUMBER: 052 25526 0002 TASK NO. 01











= ACM SAMPLE LOCATION NUMBER



= POSITIVE ACM SAMPLE LOCATION NUMBER

North Gym Basement - Asbestos Survey NOT TO SCALE

PROJECT NUMBER: 052.25526.0002 REVIEW BY: P. COTA

TASK NO.: 01 DRAWN BY: DAW

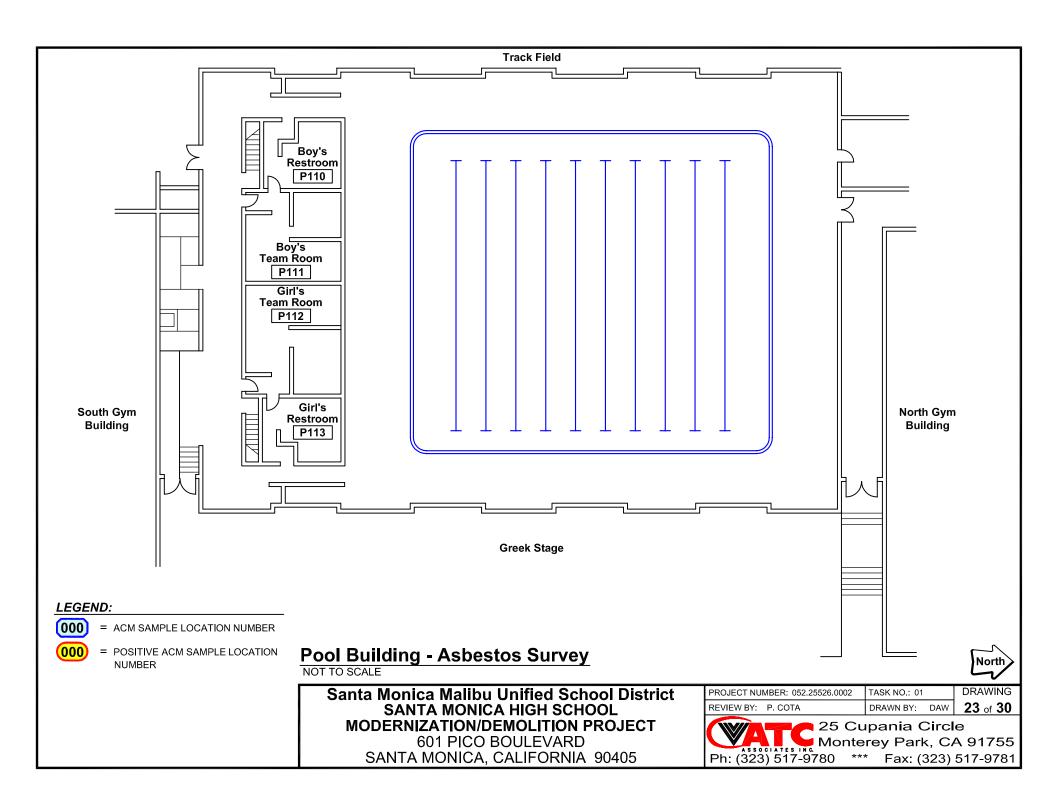
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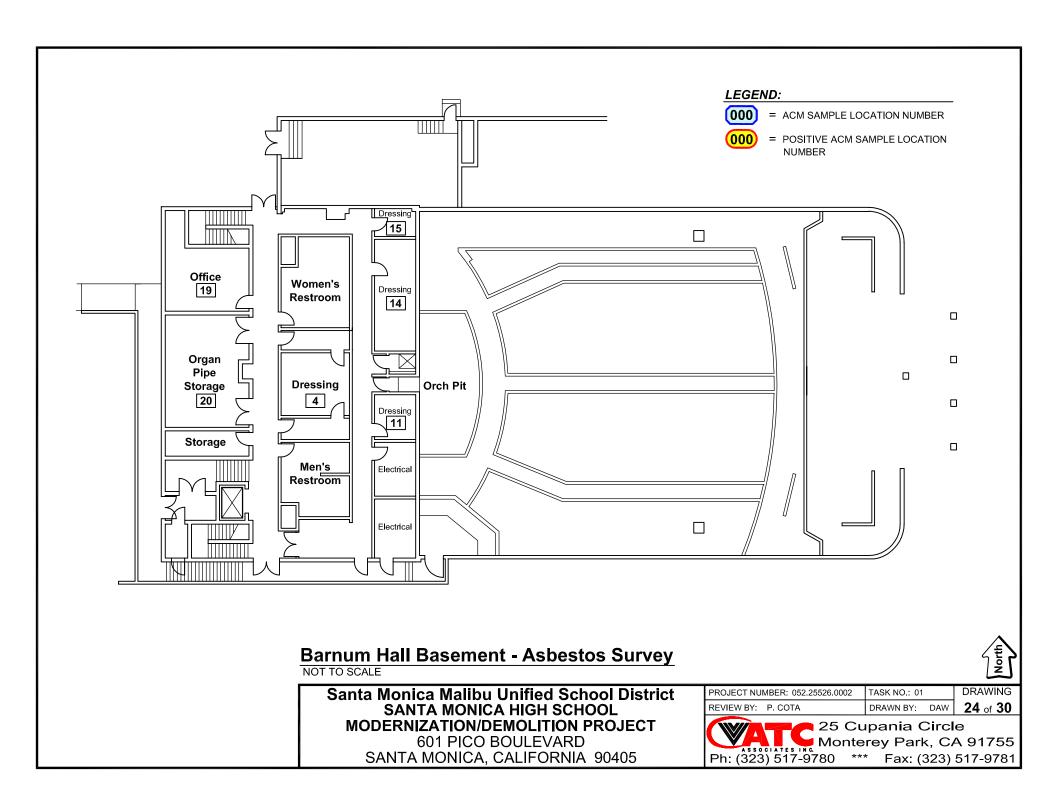
North

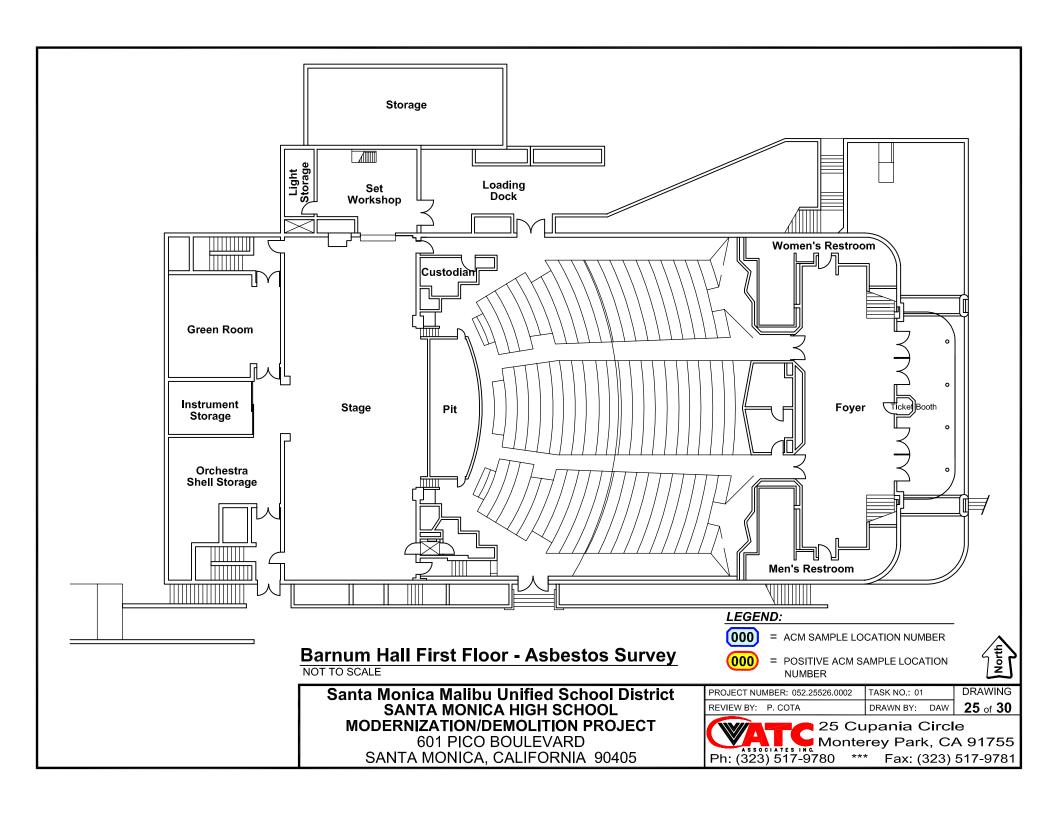
SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD** SANTA MONICA, CALIFORNIA 90405

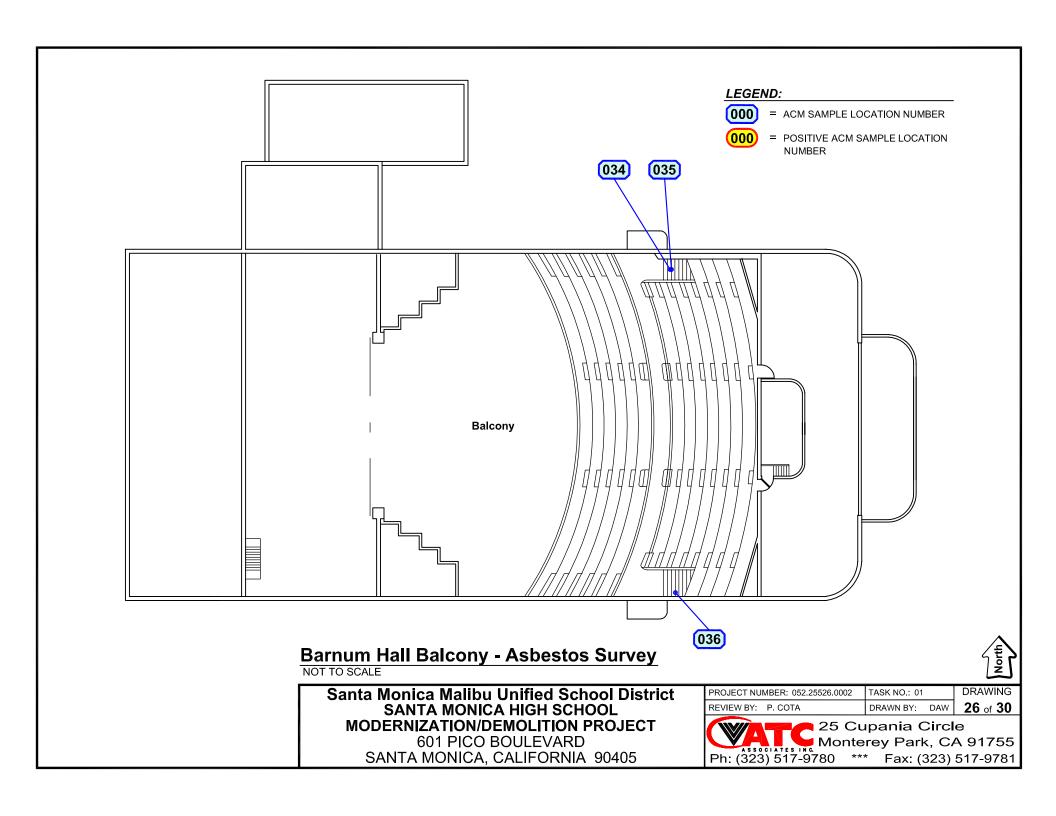
Santa Monica Malibu Unified School District

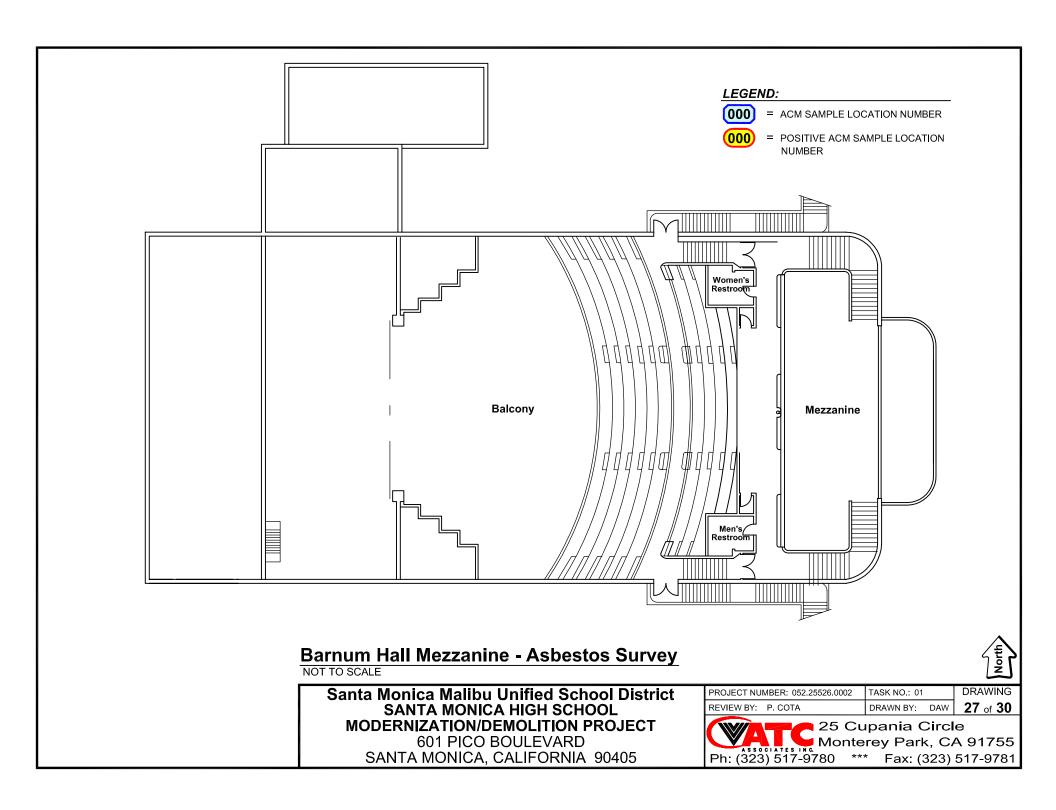
25 Cupania Circle Ph: (323) 517-9780 ■ Monterey Park, CA 91755 *** Fax: (323) 517-9781

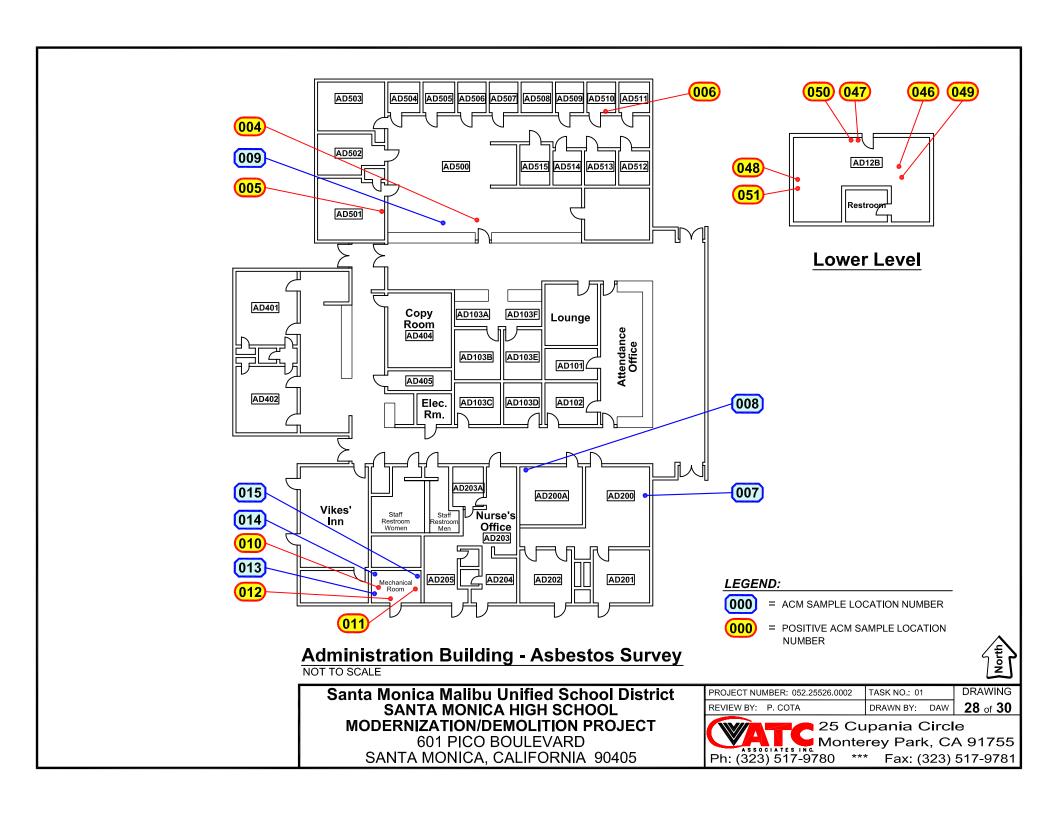


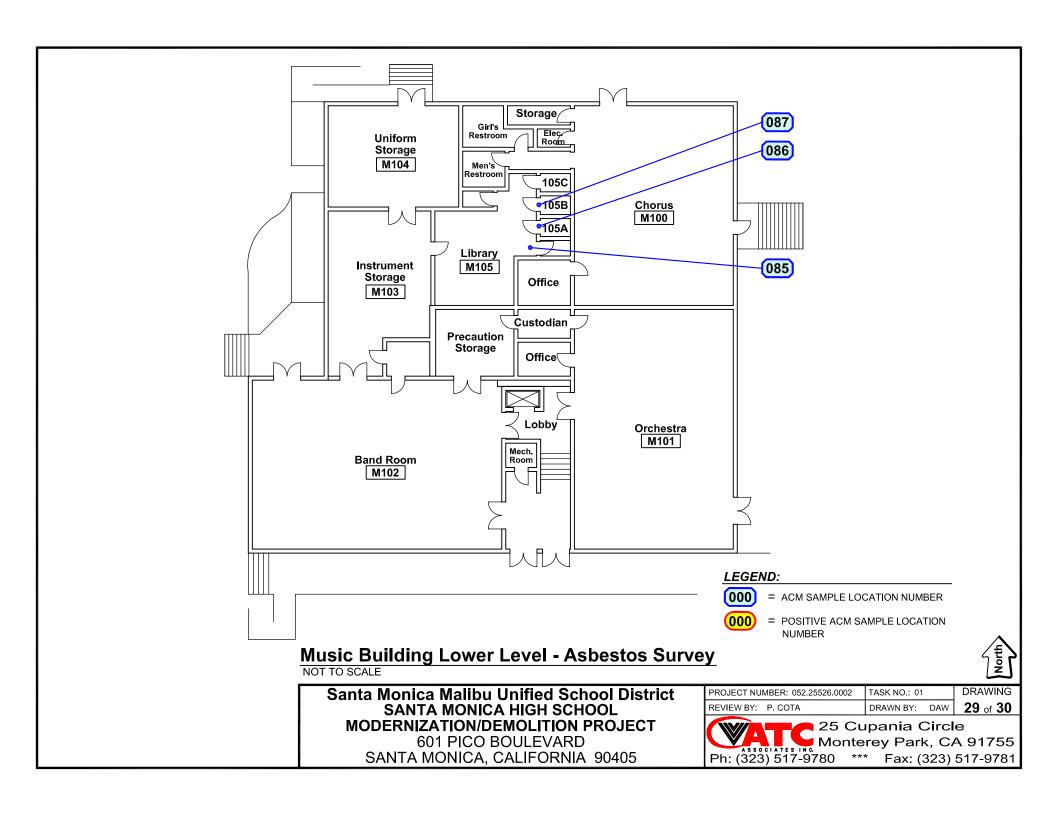


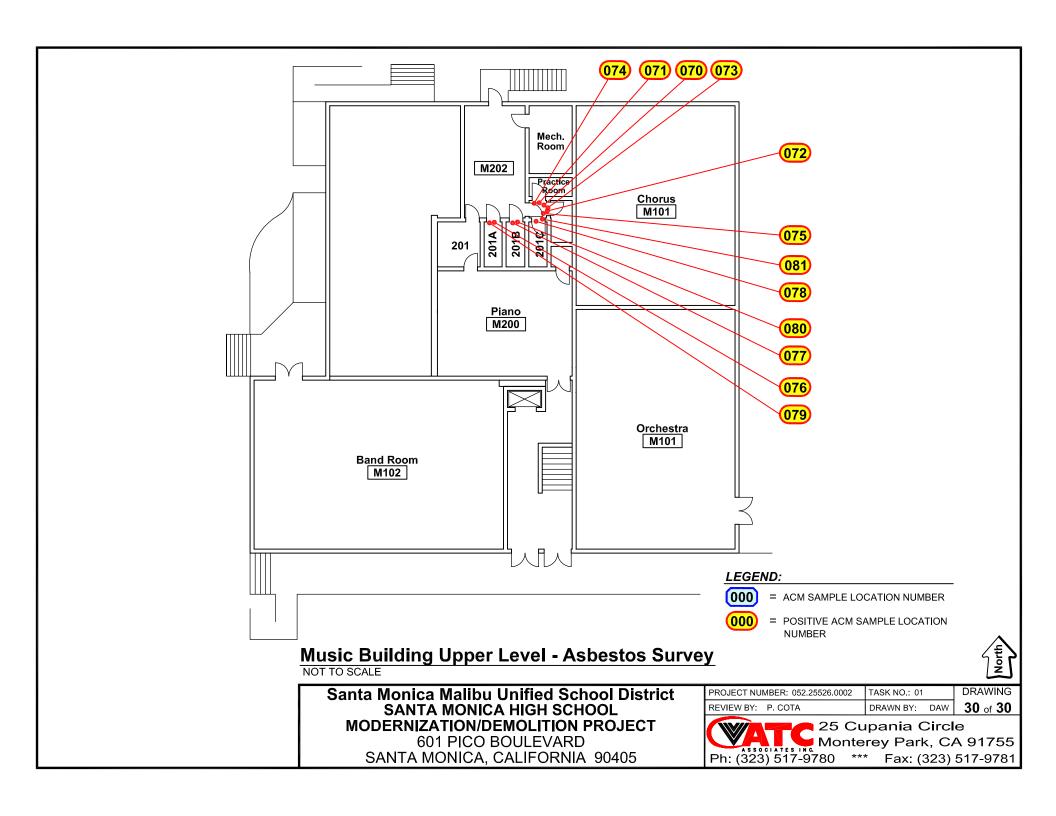


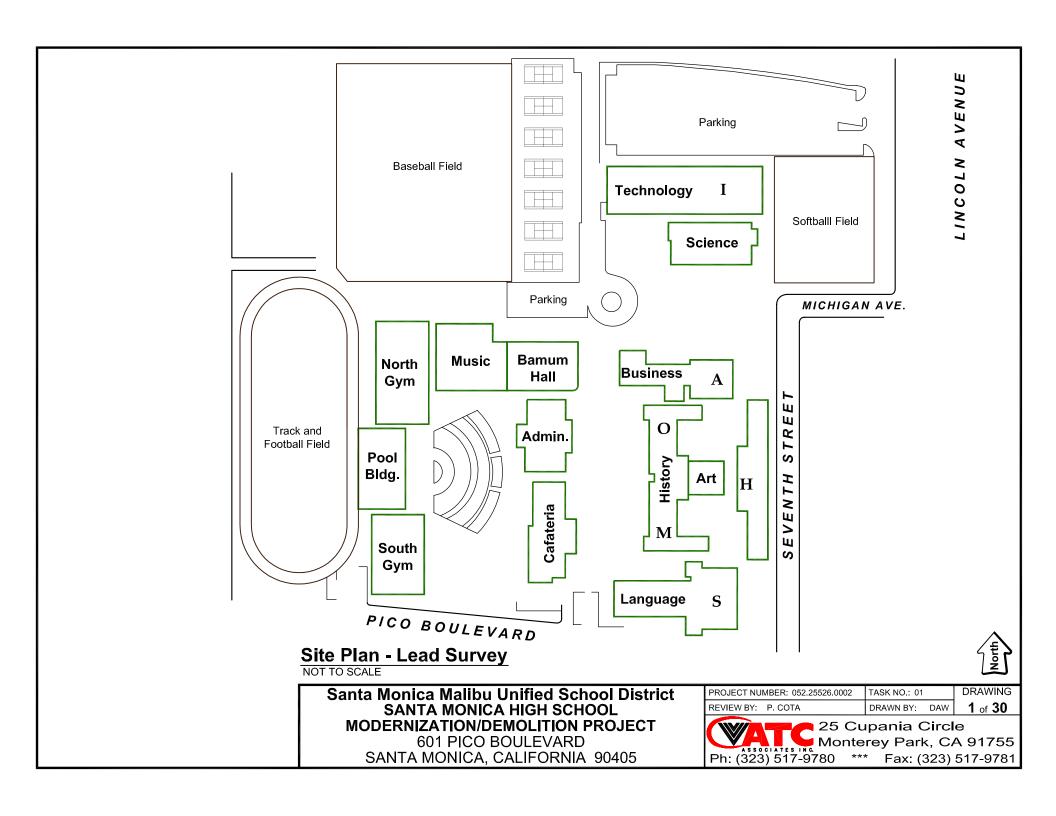


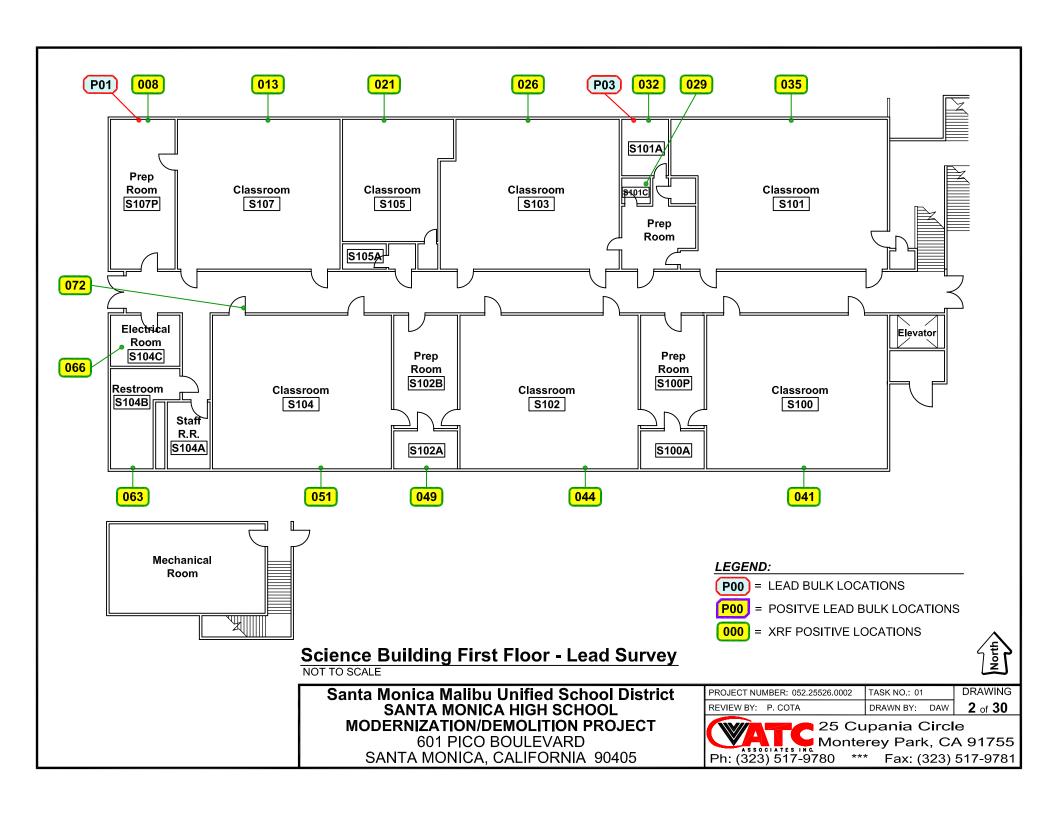


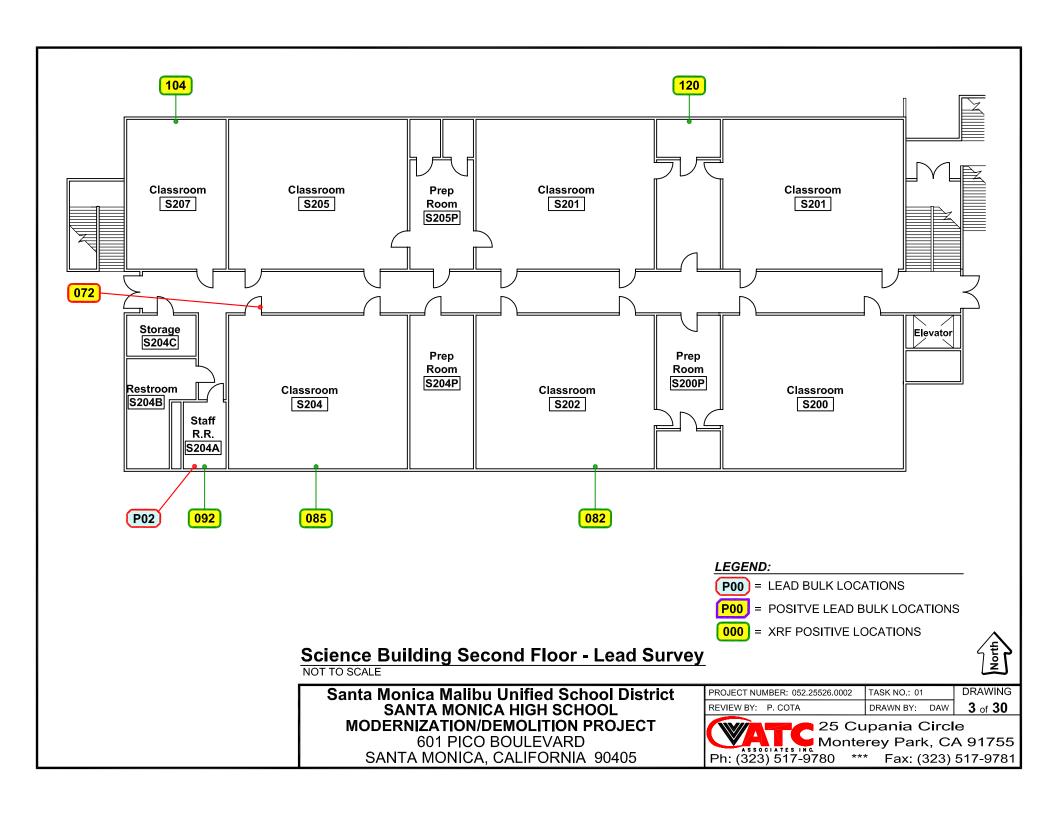


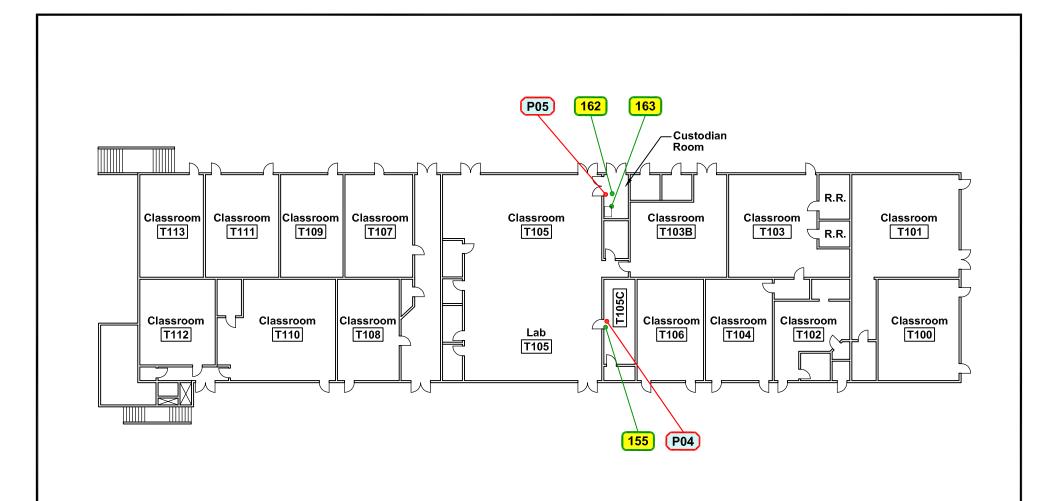












P00 = LEAD BULK LOCATIONS

P00 = POSITVE LEAD BULK LOCATIONS

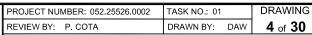
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Technology Building First Floor - Lead Survey

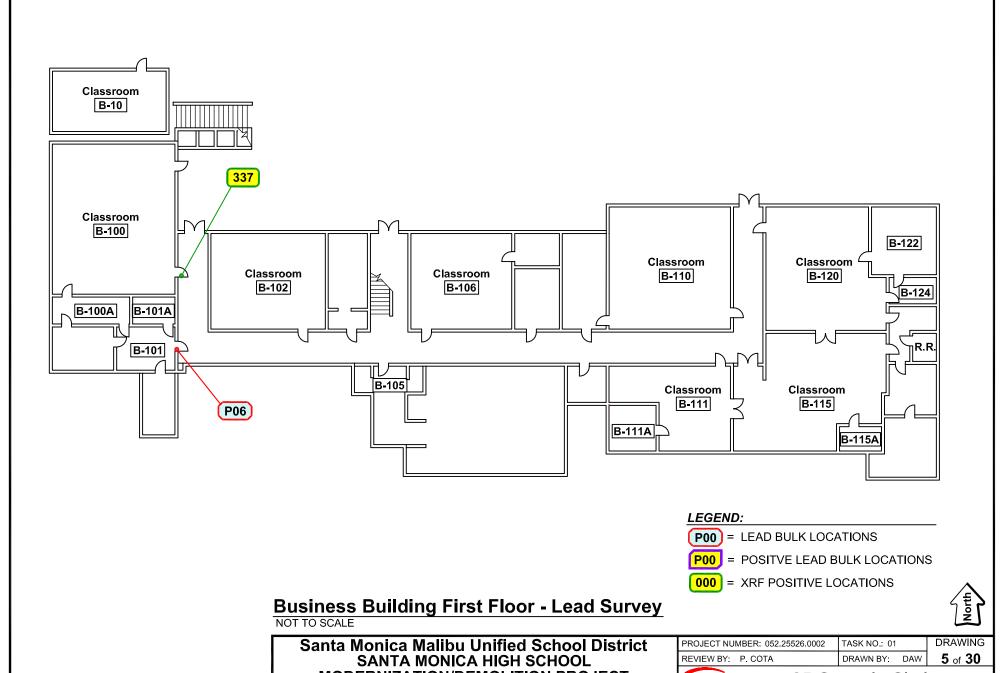
NOT TO SCALE

Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD

601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405







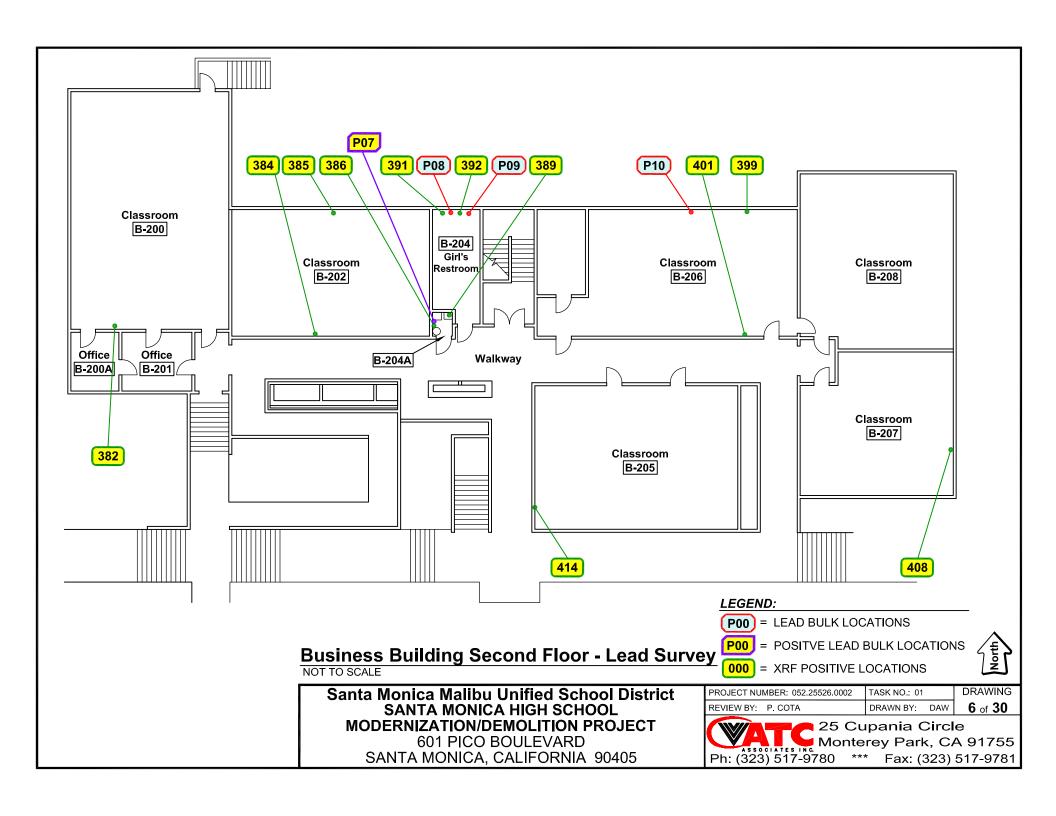
SANTA MONICA HIGH SCHOOL

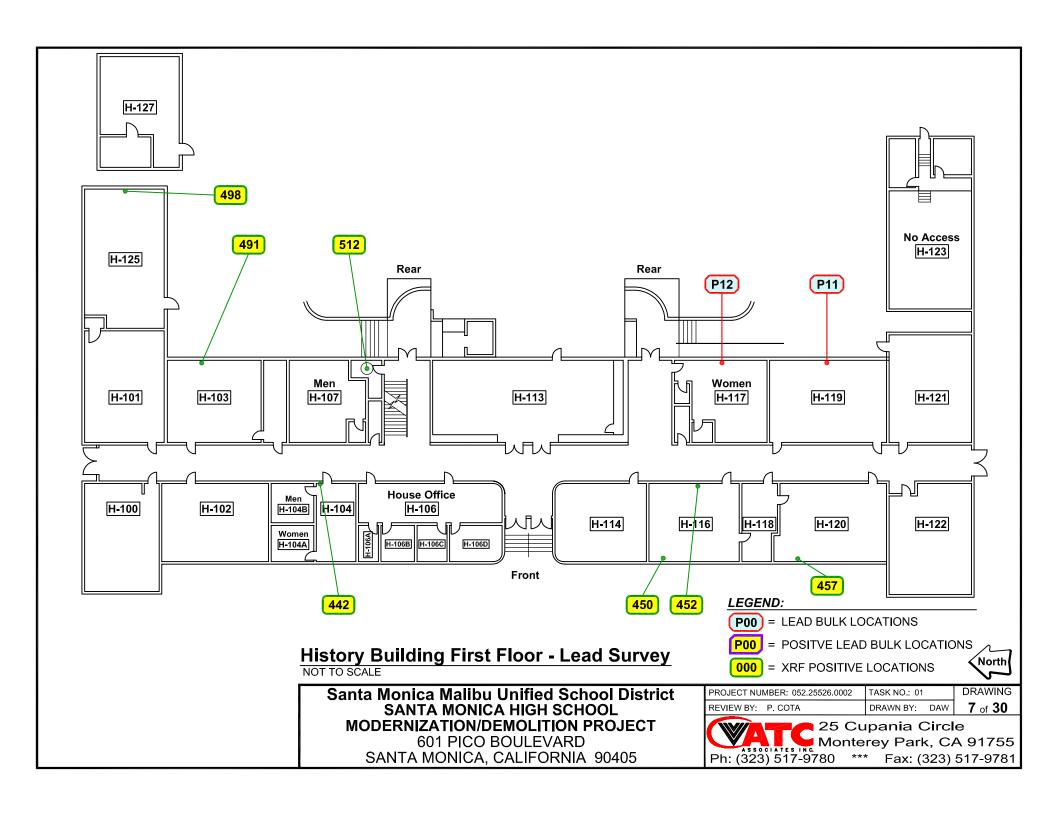
MODERNIZATION/DEMOLITION PROJECT

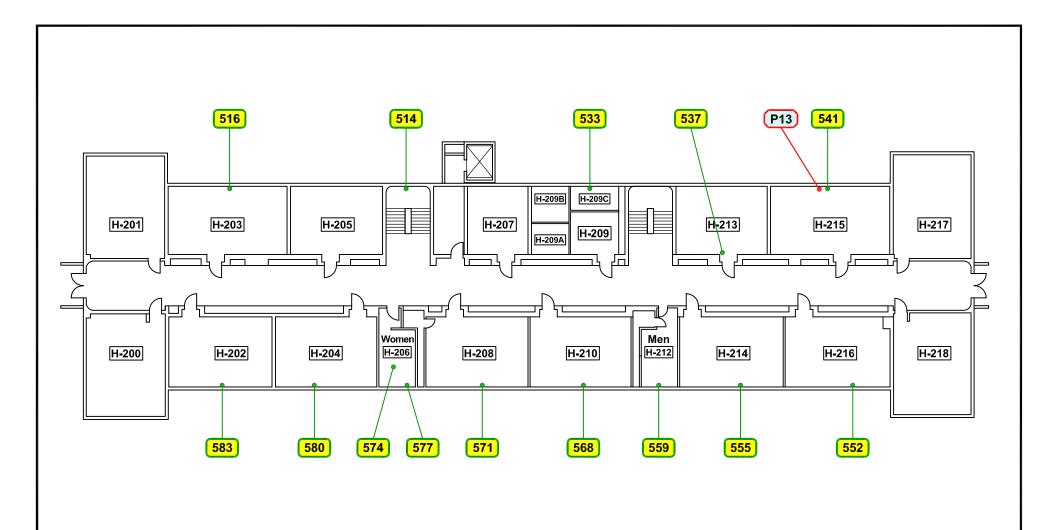
601 PICO BOULEVARD

SANTA MONICA, CALIFORNIA 90405

Ph: (323) 517-9780 *** Fax: (323) 517-9781





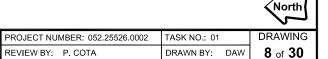


P00 = LEAD BULK LOCATIONS

P00 = POSITVE LEAD BULK LOCATIONS

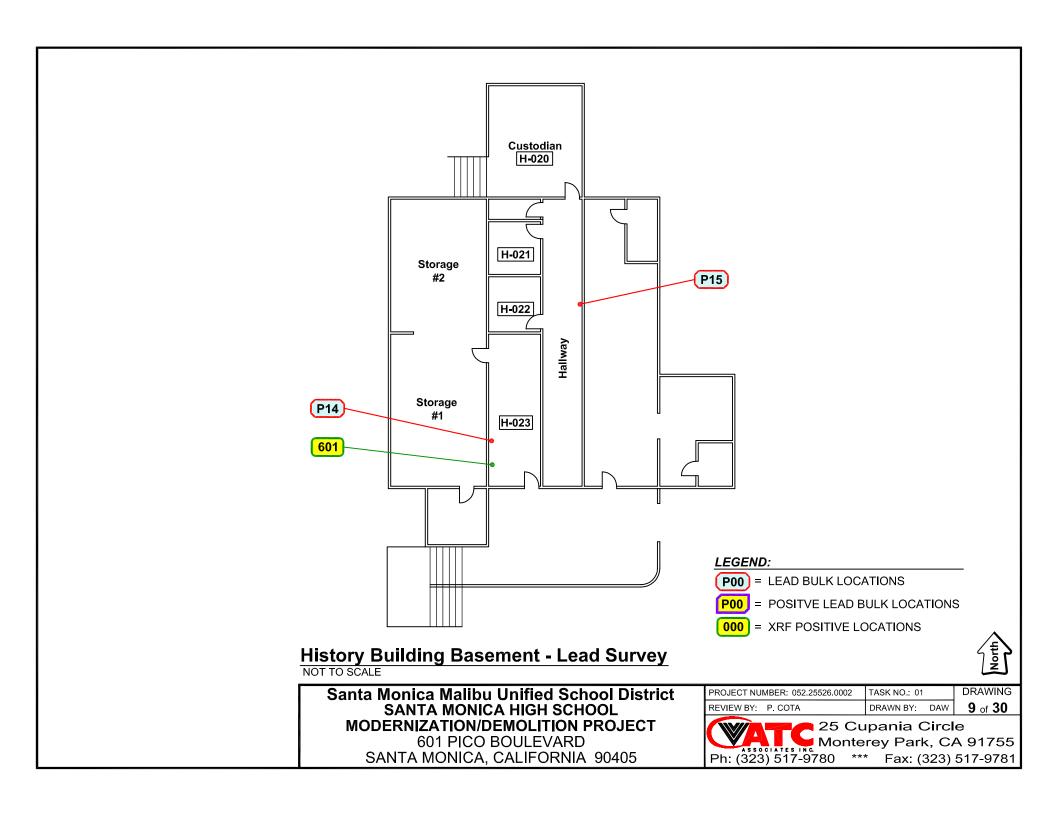
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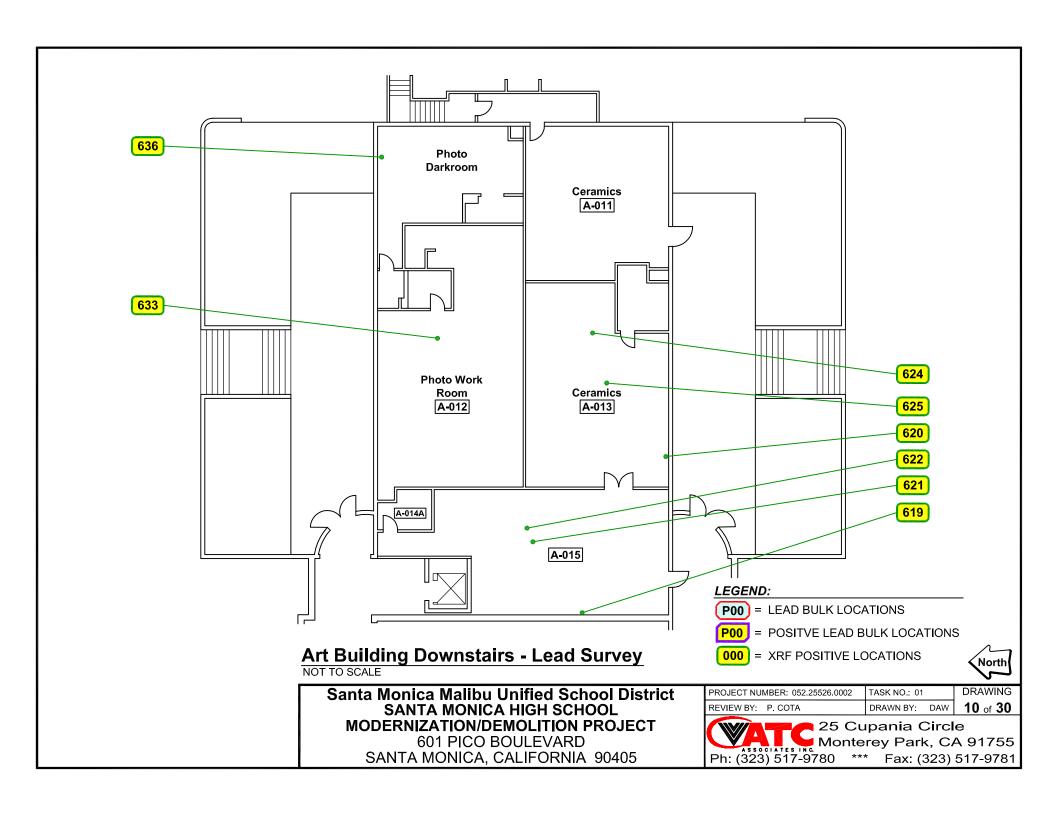
History Building Second Floor - Lead Survey NOT TO SCALE

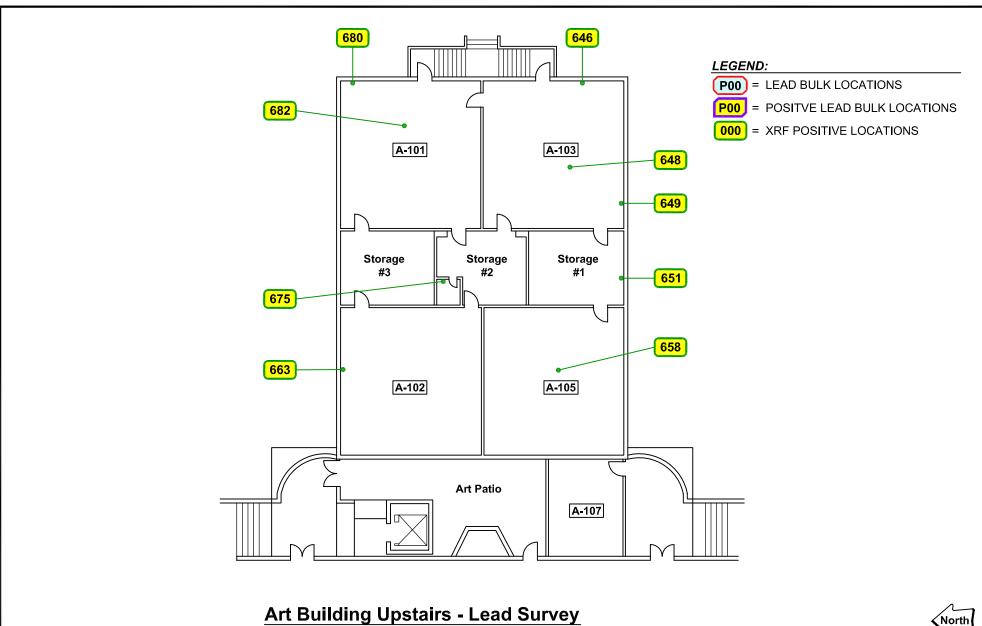


Santa Monica Malibu Unified School District **SANTA MONICA HIGH SCHOOL** MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD** SANTA MONICA, CALIFORNIA 90405

25 Cupania Circle				
Monterey Park, CA 91755				
Ph: (323) 517-9780 *** Fax: (323) 517-9781				







Art Building Upstairs - Lead Survey

NOT TO SCALE

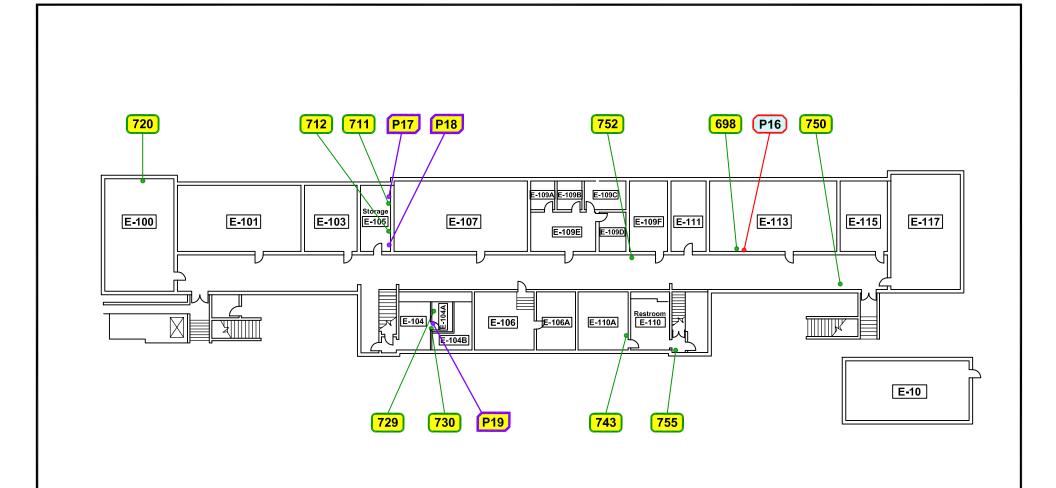
TASK NO.: 01 PROJECT NUMBER: 052.25526.0002 REVIEW BY: P. COTA

DRAWING DRAWN BY: DAW 11 of 30

SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD** SANTA MONICA, CALIFORNIA 90405

Santa Monica Malibu Unified School District

25 Cupania Circle ■ Monterey Park, CA 91755 Ph: (323) 517-9780 *** Fax: (323) 517-9781



REVIEW BY: P. COTA

(P00) = LEAD BULK LOCATIONS

P00 = POSITVE LEAD BULK LOCATIONS

000 = XRF POSITIVE LOCATIONS

English Building First Floor - Lead Survey

NOT TO SCALE



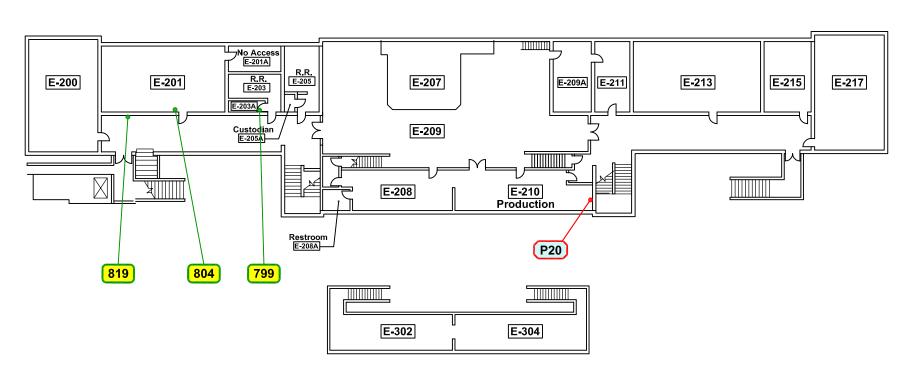
DRAWN BY: DAW

12 of 30

Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD

25 Cupania Circle
Monterey Park, CA 91755
Ph: (323) 517-9780 *** Fax: (323) 517-9781

601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405



Third Floor

LEGEND:

P00 = LEAD BULK LOCATIONS

PROJECT NUMBER: 052.25526.0002

P00 = POSITVE LEAD BULK LOCATIONS

000 = XRF POSITIVE LOCATIONS

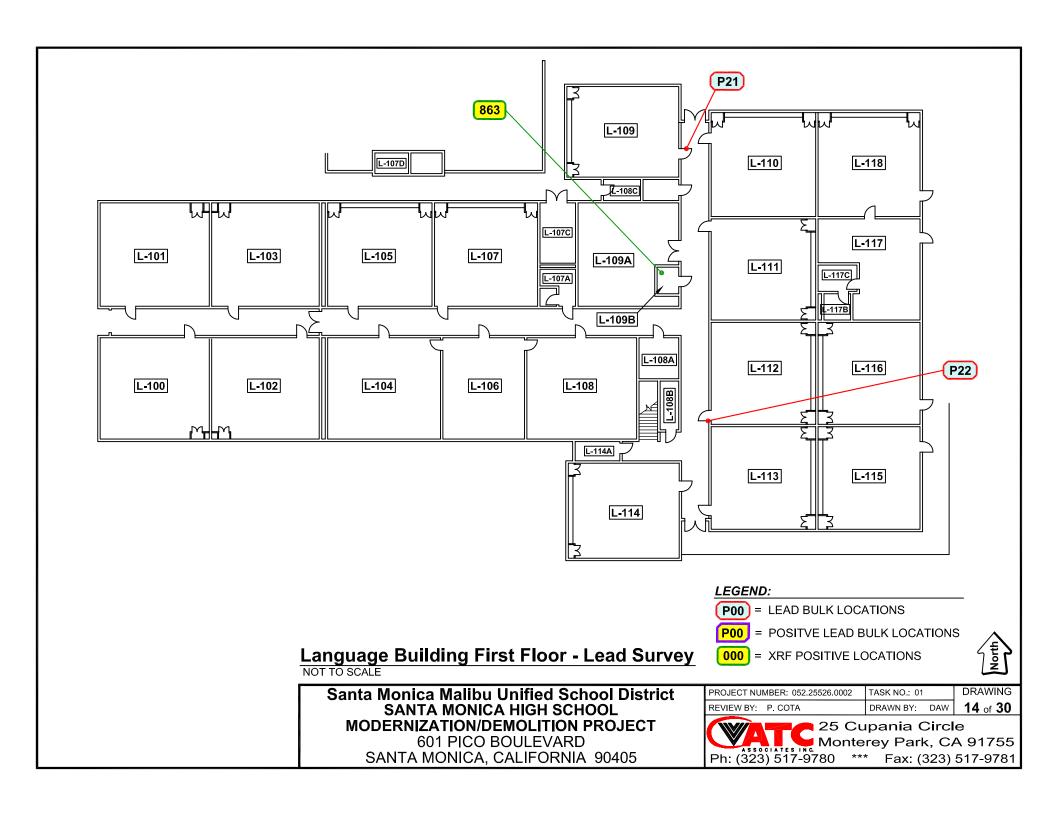
English Building Second Floor - Lead Survey

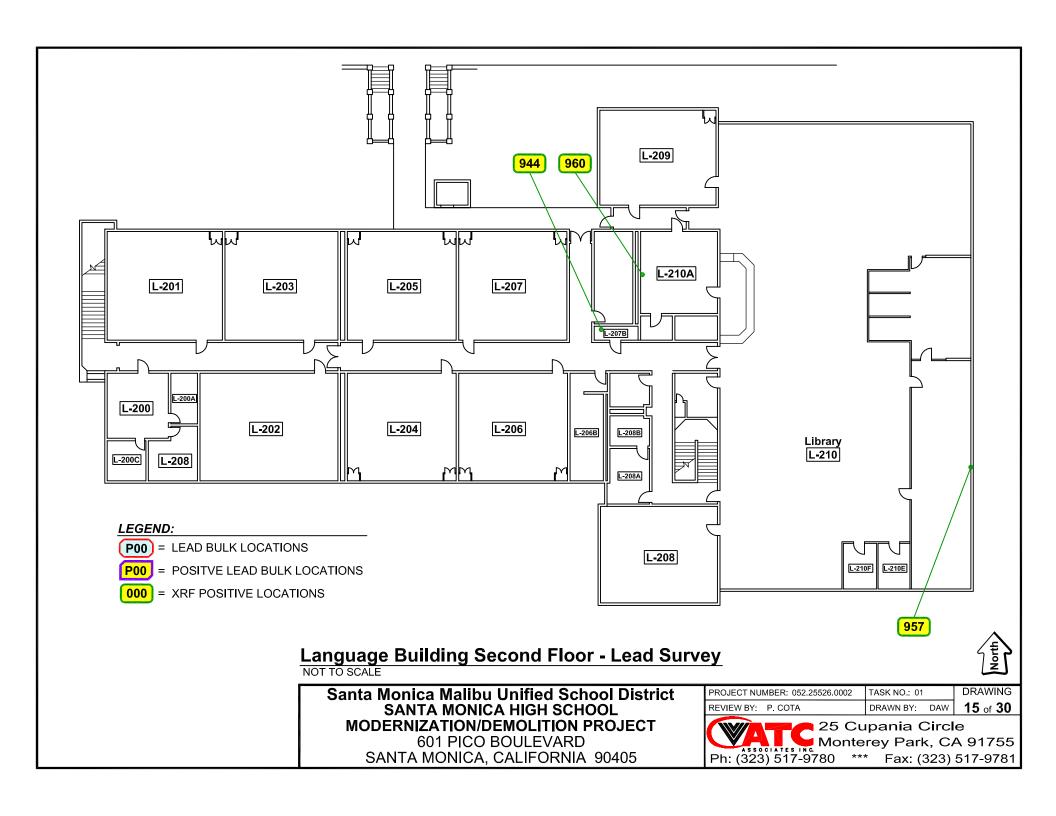
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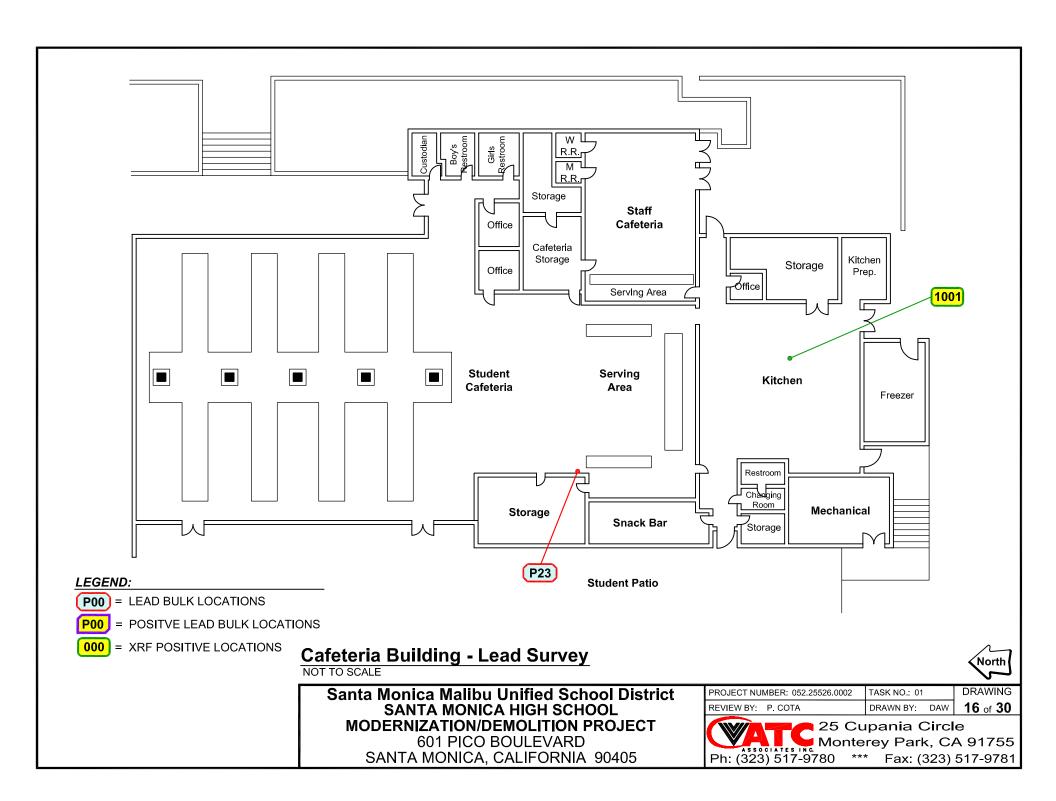


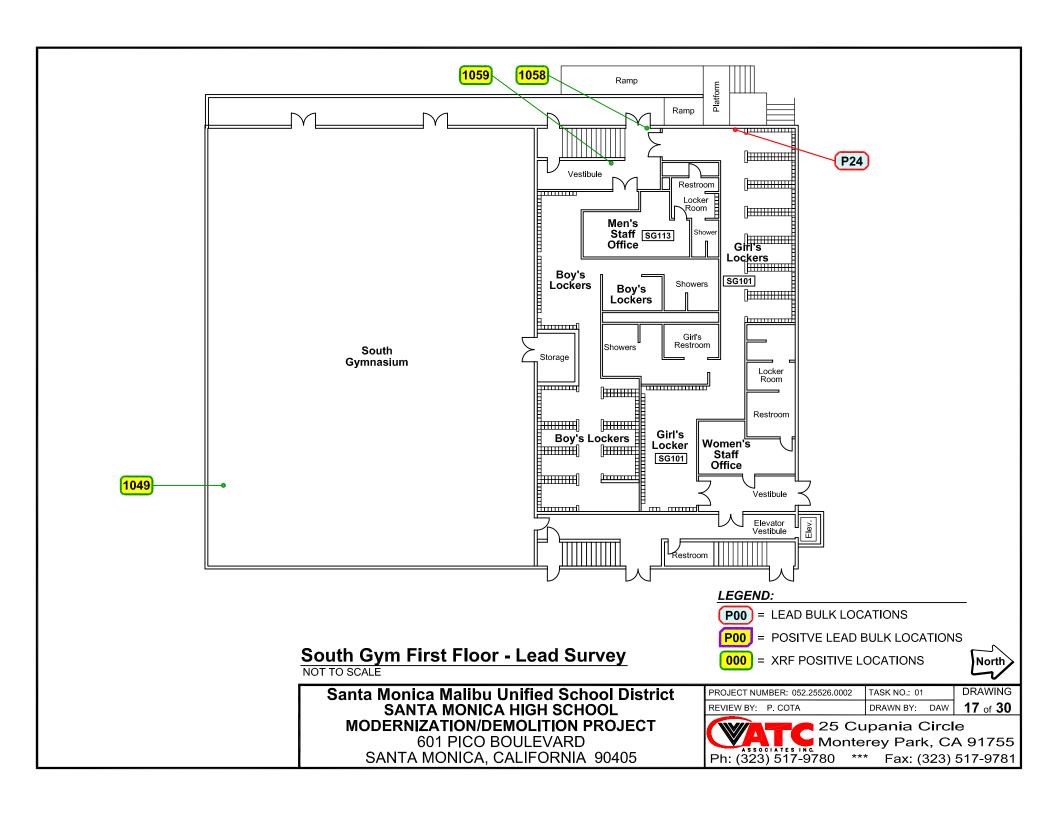
Santa Monica Malibu Unified School District SANTA MONICA HIGH SCHOOL MODERNIZATION/DEMOLITION PROJECT 601 PICO BOULEVARD SANTA MONICA, CALIFORNIA 90405

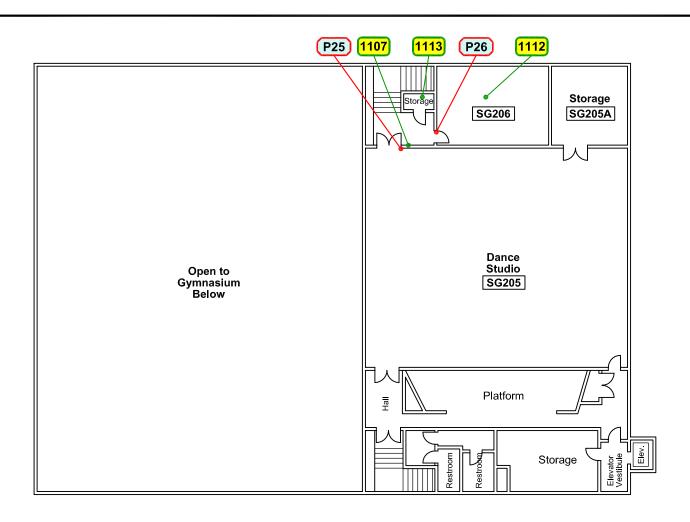
REVIEW BY: P. COTA	DRAWN BY: DAW	13 of 30
25 Cu Monte Ph: (323) 517-9780 ***	rey Park, C	4 91755
Pn: (323) 517-9780	Fax (323)	517-97











P00 = LEAD BULK LOCATIONS

P00 = POSITVE LEAD BULK LOCATIONS

000 = XRF POSITIVE LOCATIONS

PROJECT NUMBER: 052.25526.0002

South Gym Second Floor - Lead Survey NOT TO SCALE

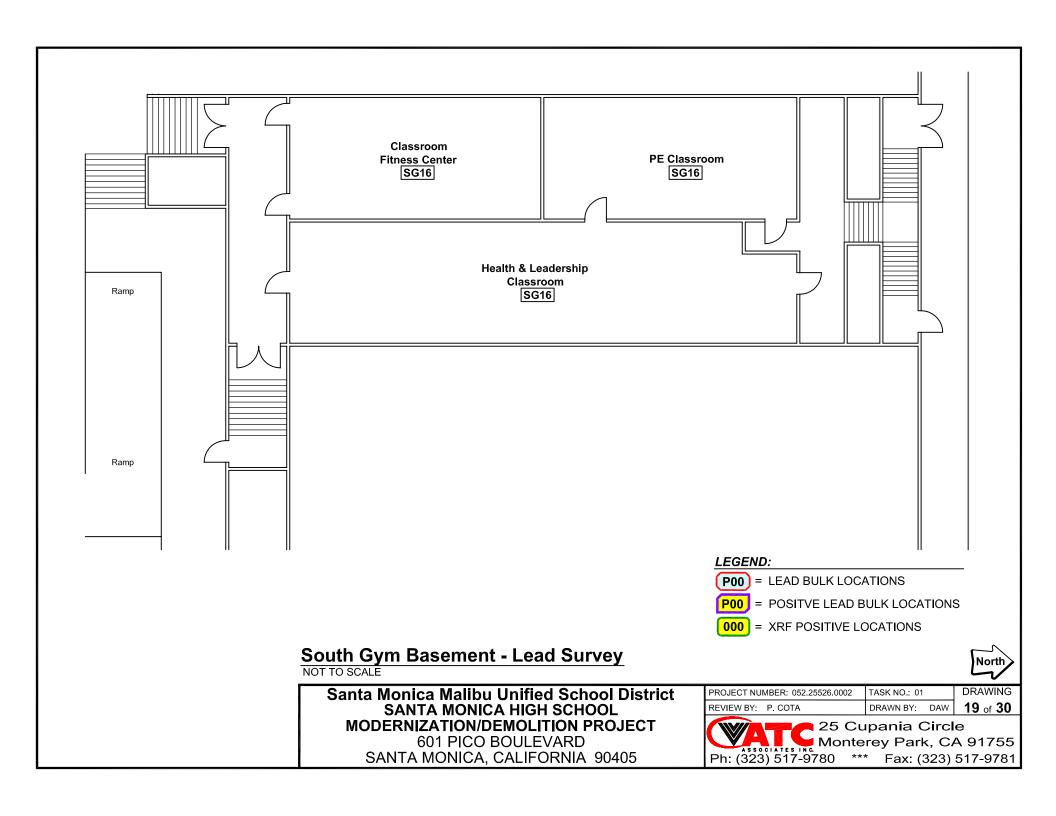


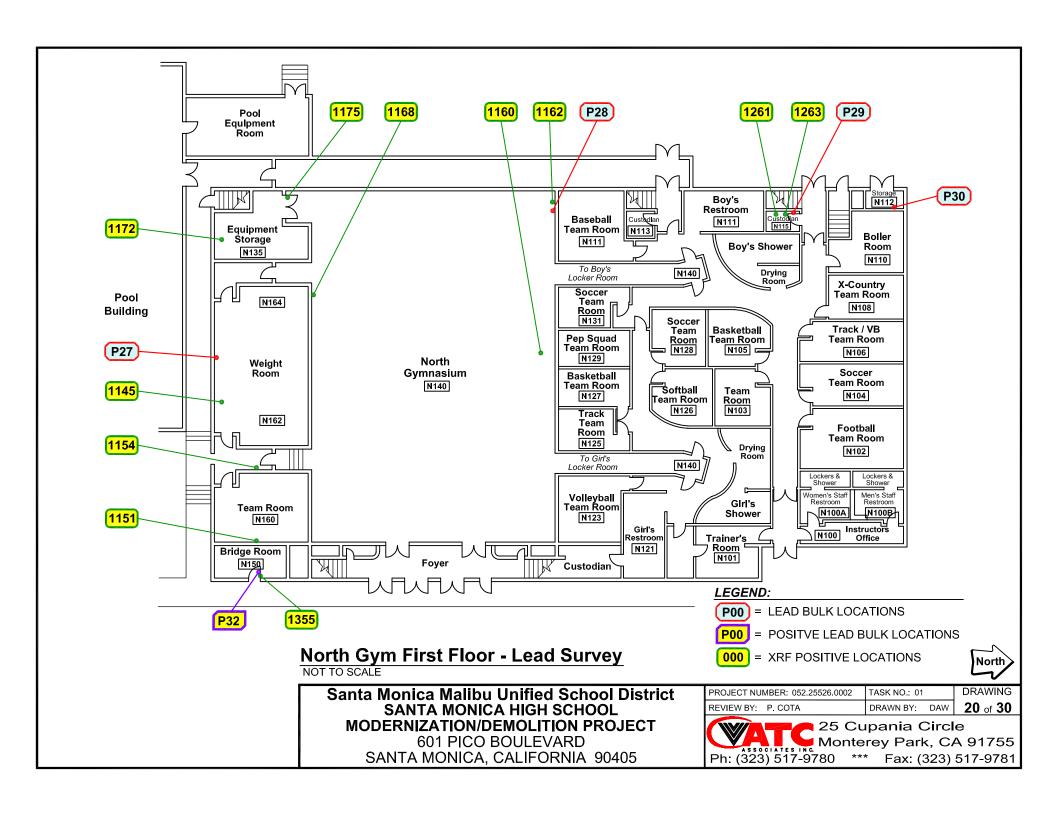
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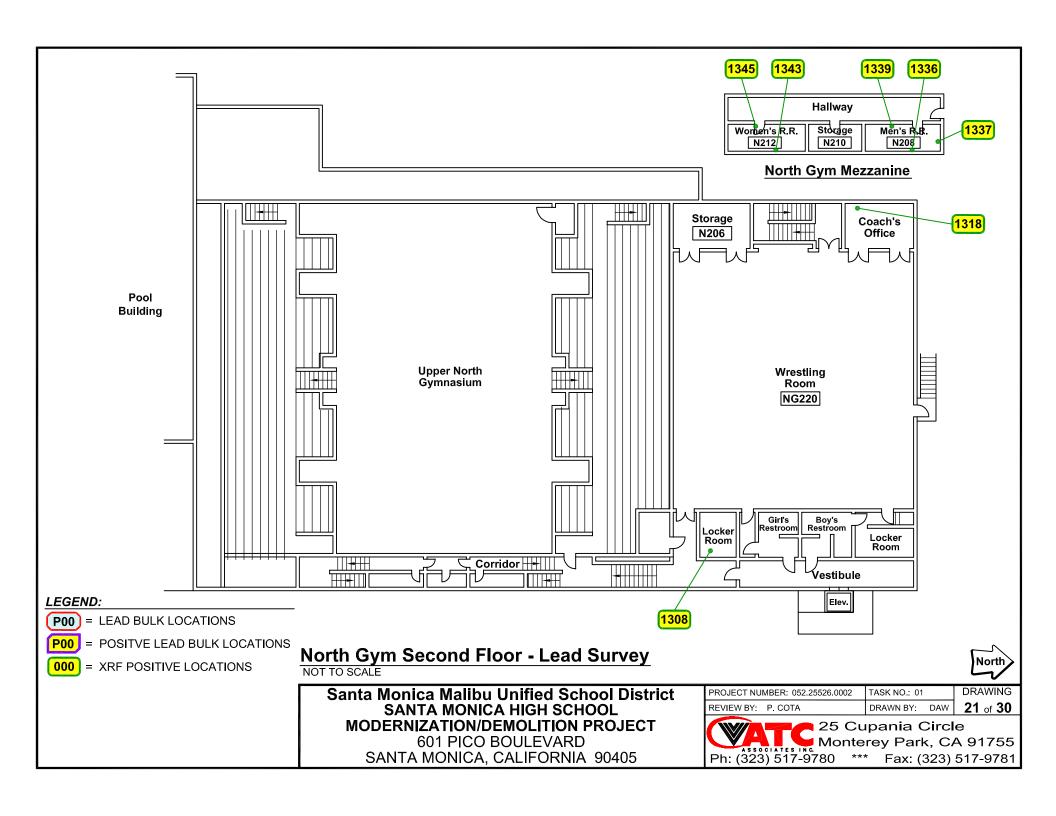
Santa Monica Malibu Unified School District **SANTA MONICA HIGH SCHOOL** MODERNIZATION/DEMOLITION PROJECT **601 PICO BOULEVARD** SANTA MONICA, CALIFORNIA 90405

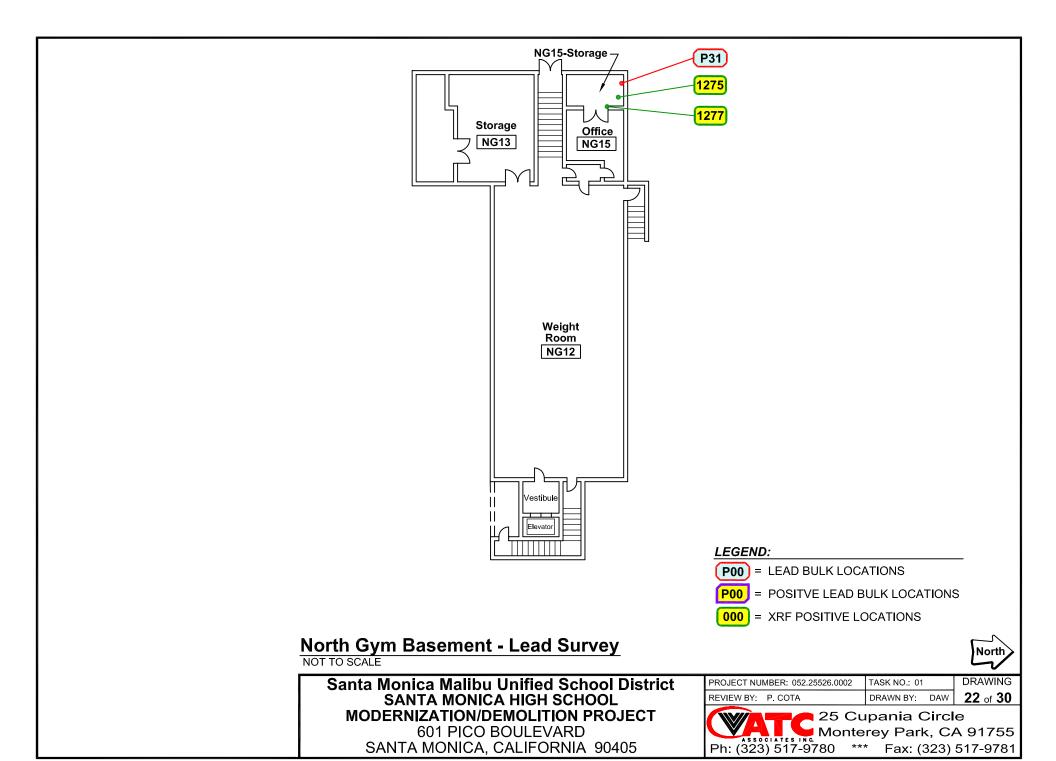
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25 Cupania Circle Monterey Park, CA 91755					
ASSOCIATES INC. IVIOITLE	<, C/	4 9 1 7 55			
Ph: (323) 517-9780 ** [*]	* Fax: (323)	517-9781		

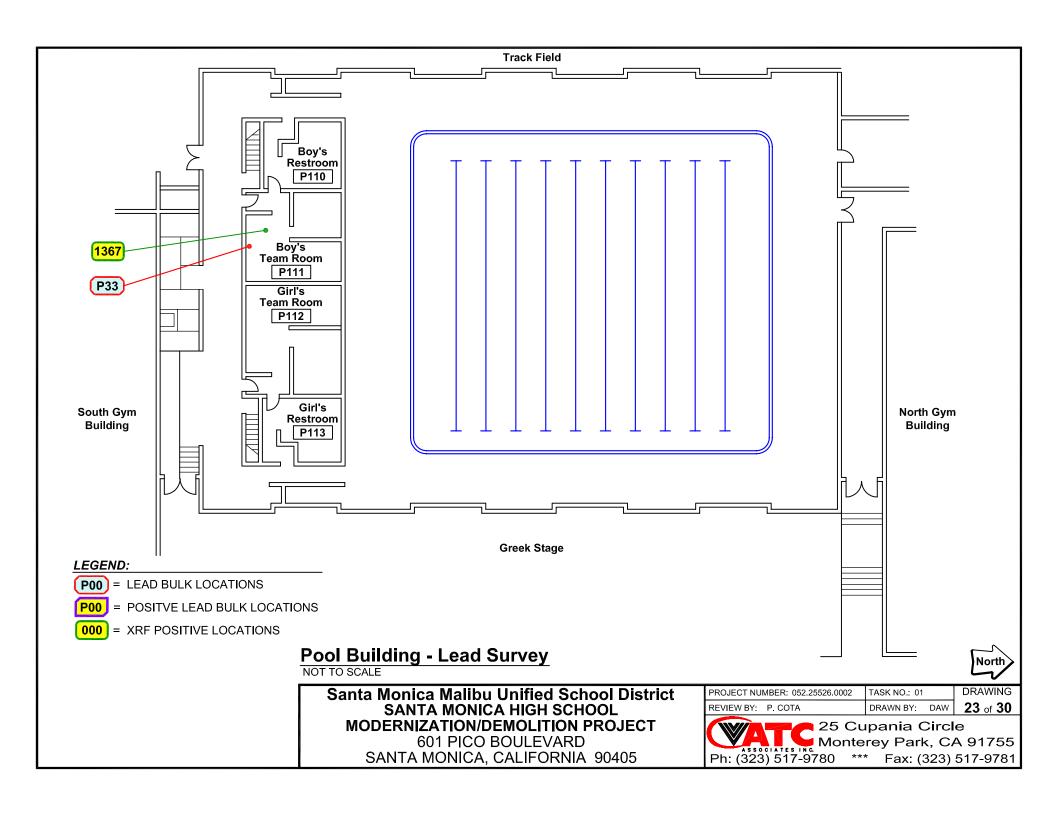
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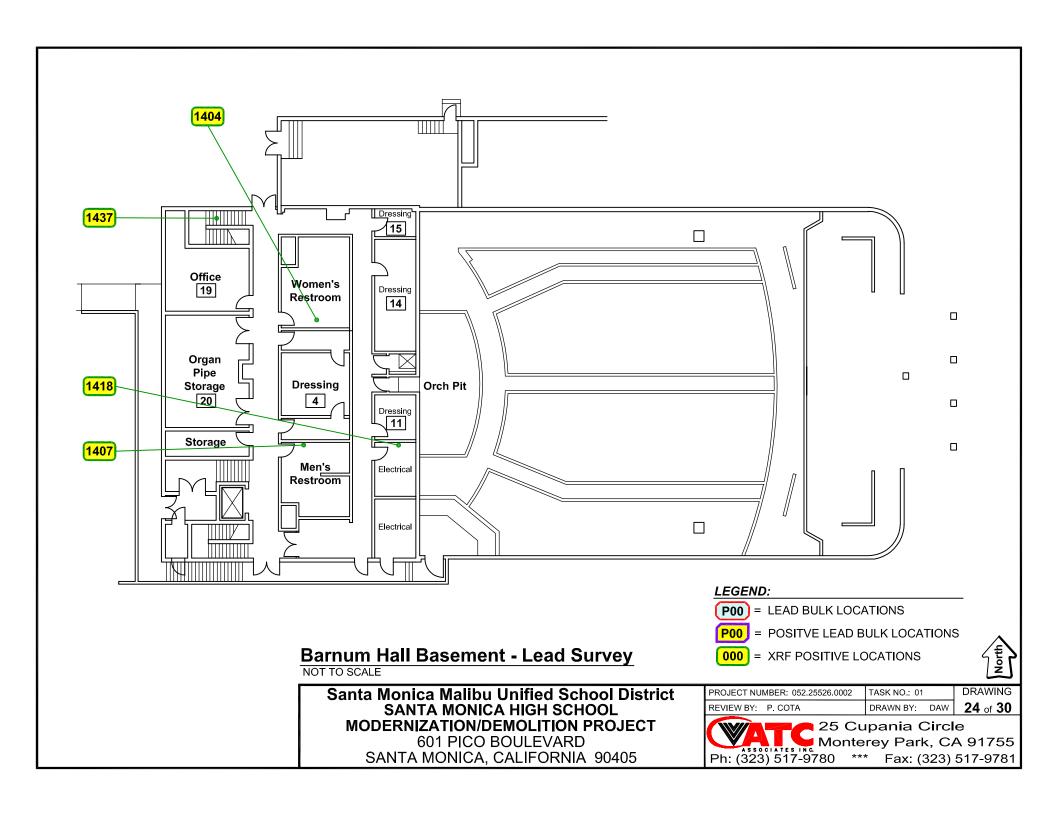


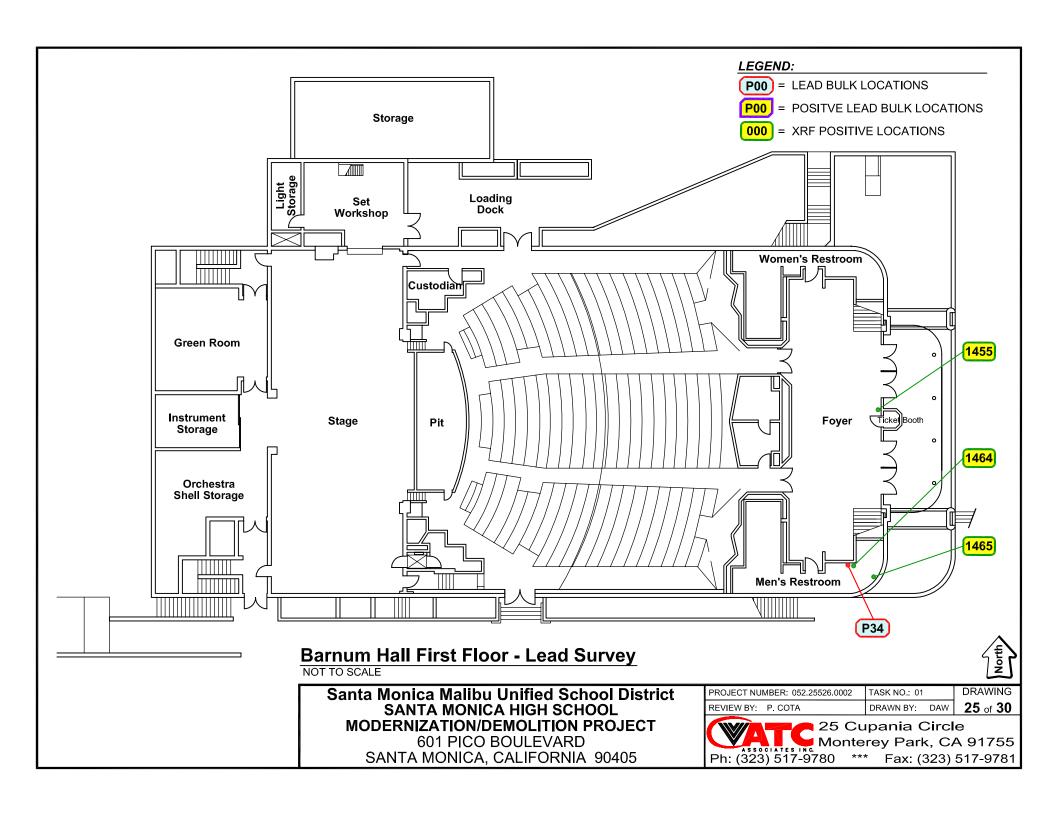


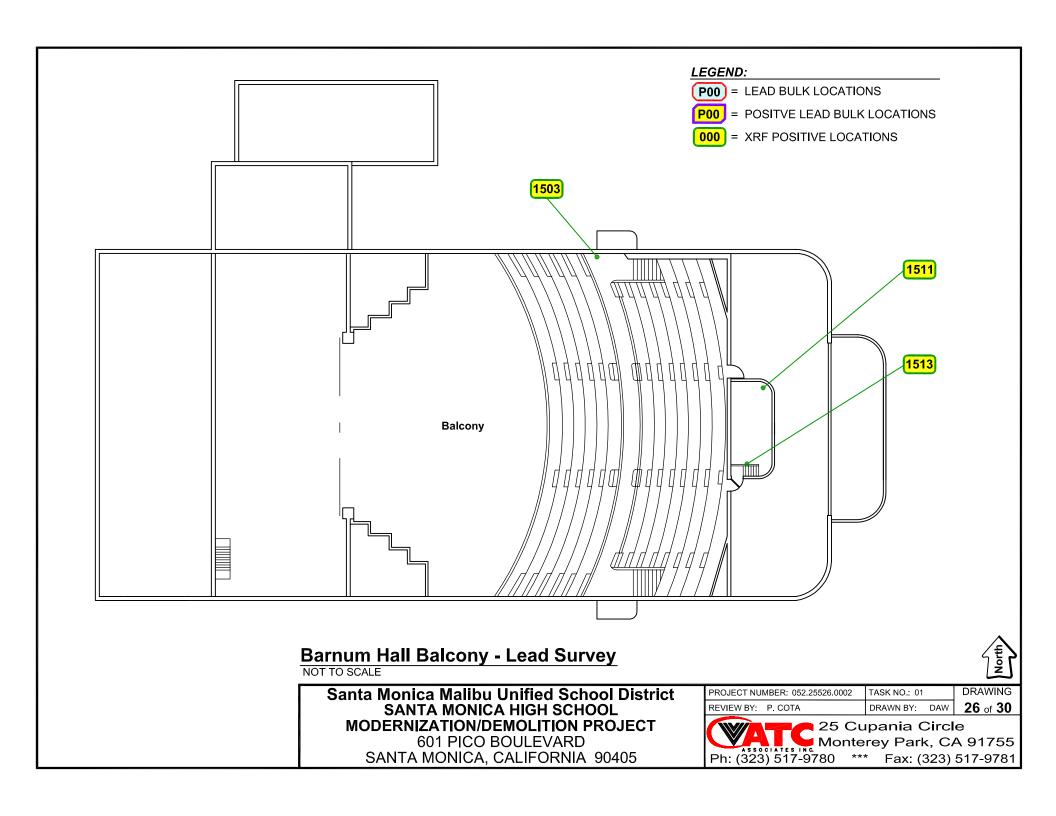


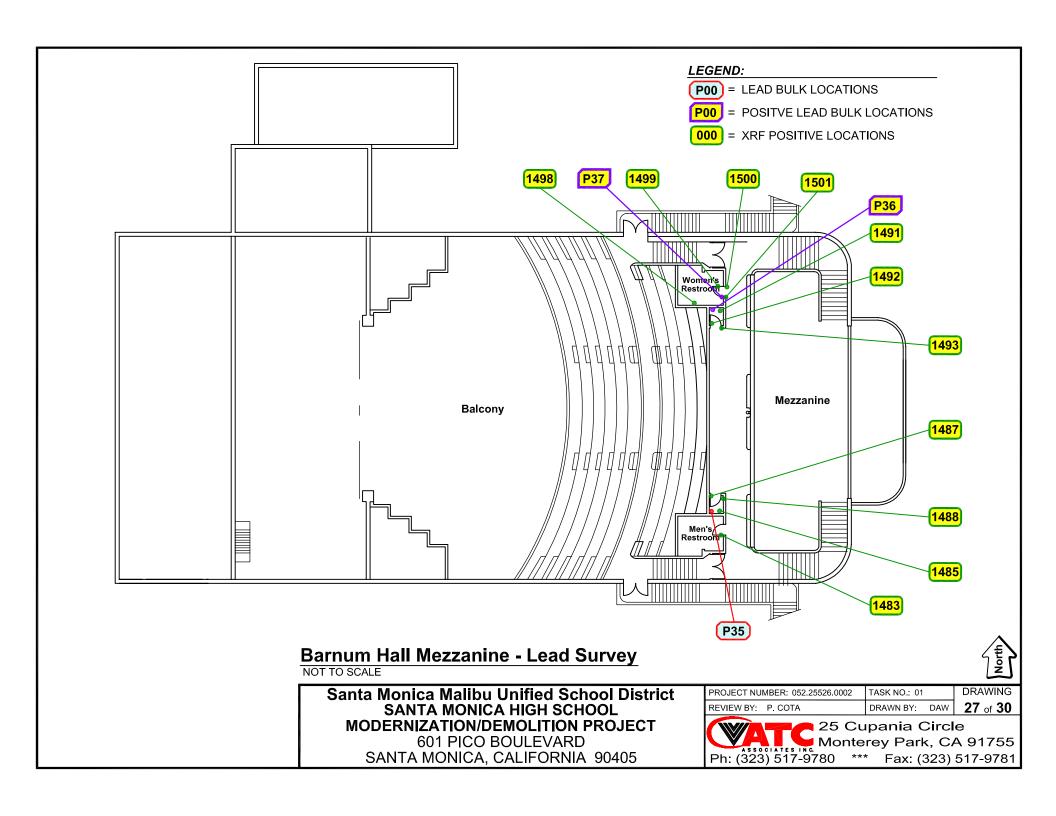


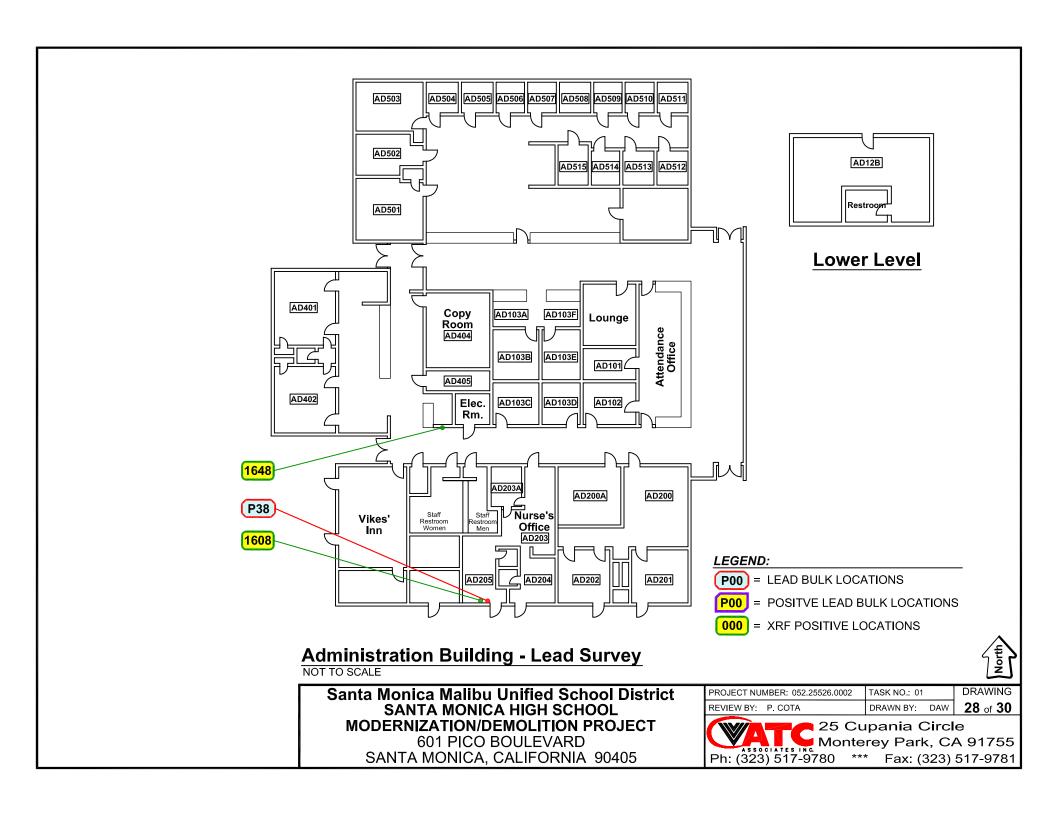


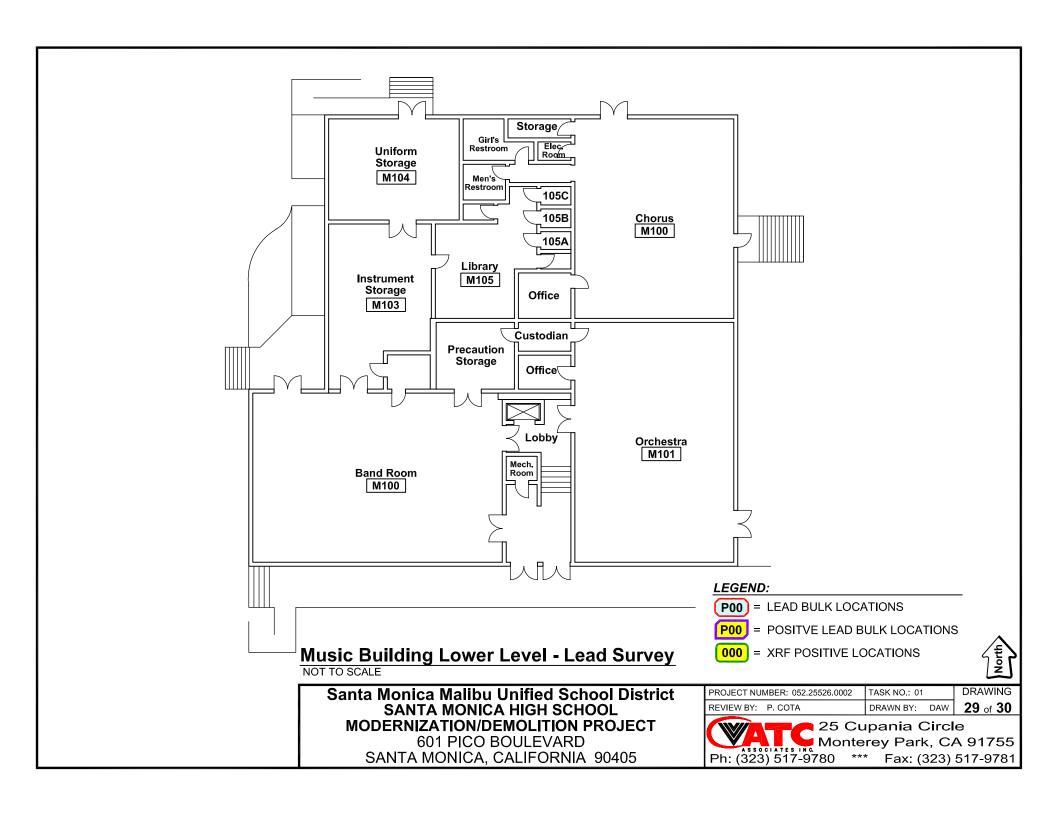


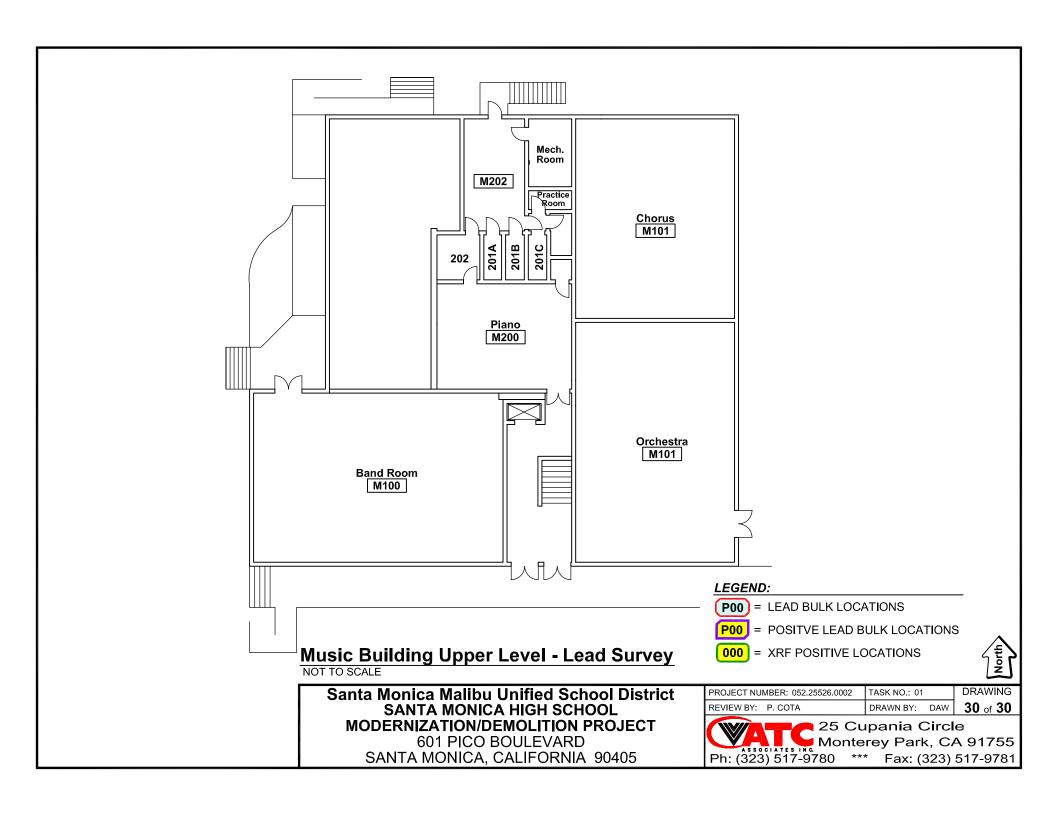












APPENDIX D

State of California Asbestos and Lead Inspector Certification



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

Paul A Cota
Certification No. -06-3978

Expires on __05/17/10

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









Damon Lamar Carrier

Name

Certification No. 01-2954

Expires on ___07/20/10







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

Roberto De La Torre



Name
Certification No. 00–2837
Expires on 03/09/10







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

Gary Brockway

Certification No. 06-4120

Expires on __01/18/10





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

Navid Yoosefia Name

Certification No. 08-4457 Expires on 11/20/09





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

Stephen R Drengson

Certification No. 06-3975







ASBESTOS AND LEAD SURVEY

HVAC Project Santa Monica High School 601 Pico Boulevard Santa Monica, California 90405

Prepared for:

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

Project No.: SMSD-18-7472 Date: February 15, 2018

EXECUTIVE SUMMARY

On January 24 thru February 2, 2018, Alta Environmental conducted a survey for asbestos, and lead in paint for the upcoming air conditioning project to be completed at Santa Monica High School located at 601 Pico Boulevard, Santa Monica, California. Our Cal/OSHA and California Department of Public Health (CDPH) Certified Professionals conducted the following activities:

- Review of existing records by Cape Environmental 1993, CTL Environmental 2008,
- Investigation to locate suspect asbestos-containing materials (ACM), and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces; and
- Laboratory analysis of samples collected.

Alta survey and sampling was limited to: Business, Art, English, History, Barnum Hall, Language, Administration, Music, and Gymnasium buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected.

Asbestos-containing materials (ACMs) were detected in in areas inspected by the scope of work. Removal may be subject to regulation under USEPA 40 CFR 61, locally enforced by South Coast Air Quality Management District (SCAQMD) and Cal/OSHA regulation (Title 8 CCR Section 1529).

Lead-based paints (LBP) were detected in areas impacted by the scope of work. Removal and disturbances may be subject to California Department of Public Health. When disturbed for construction purposes, impacts may be subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc.

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

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

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Appendices

Appendix A: Field Bulk Sample list: Asbestos

Appendix B: Laboratory Analytical Report: Asbestos

Appendix C: Field Bulk Sample List: Lead

Appendix D: Laboratory Analytical Report: Lead

Appendix E: Alta Environmental Employee Certifications

Appendix F: Previous Survey; Cape 1993, CTL 2007

REPORTED: February 15, 2018 PROJECT NO.: SMSD-18-7472

CLIENT: Santa Monica-Malibu Unified School District

1651 Sixteenth Street

Santa Monica, California 90404

ATTENTION: Mr. Don Kinkade

REF: Asbestos and Lead Survey

HVAC Project

Santa Monica High School 2401 Santa Monica Boulevard Santa Monica, California 90404

1 INTRODUCTION

On January 24 thru February 2, 2018, Alta Environmental conducted a survey for asbestos, and lead in paint for the upcoming air conditioning project to be completed at Santa Monica School located at 601 Pico Boulevard, Santa Monica, California.

For this project, Alta used previous sampling information provided by the District. Alta reviewed the Cape Environmental 1993 and CTL Environmental 2008. In some cases, the sampling and information was augmented during this inspection to meet current sampling requirements.

2 PROJECT BACKGROUND

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

3 SCOPE OF WORK

Alta survey and sampling was limited to: Business, Art, English, History, Barnum Hall, Language, Administration, Music, and Gymnasium buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected.

The survey included the following:

- Review of existing records by Cape Environmental 1993 and CTL Environmental 2008;
- Investigation to locate suspect asbestos-containing materials (ACM), and lead in paint in areas impacted by the scope of work;
- Physical assessment of suspect ACM, painted surfaces;
- Collection of bulk samples from suspect ACM, painted surfaces;
- · Laboratory analysis of samples collected.

4 METHODOLOGY

4.1 Asbestos

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

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

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

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000 point count analysis have been incorporated in this report.

Caution is advised in interpreting results provided herein.

4.2 Lead

Representative bulk paint chip samples of plaster, drywall, stucco, and painted mechanical equipment were collected from interior and exterior walls and components. Impacts to other painted components such as but not limited to doorframes, window frames etc. were not anticipated, therefore, not included in this inspection.

Paint chips were collected to determine the parts per million concentration of lead in the painted surfaces. 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 located in Signal Hill, California, a laboratory are accredited by the Environmental Laboratory Accreditation Program

5 RESULTS

5.1 Asbestos

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

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 and ACCMs:

Material	Sample No.	Sample No. Material Location		Est. Qty.					
Business Building									
TSI on pipe (above drop- down ceiling)	5% amosite – 8% amosite <1% crocidolite	700 LF							
Chalkboard mastic	N/A	Basement room 10, 1 st floor rooms, 100, 106, 110, 120, 111, 115	Assumed	40 each					
		Art Building							
Window putty	0125-A7 thru 0125-A9, 5274	Exterior windows	0.51% chrysotile – 0.62% chrysotile (1000 pt.)	200 LF					
Acoustical plaster ceiling	0125-A18 thru 0125-A24	Above ceiling tile in all rooms	2% chrysotile – 3% chrysotile	6,000 SF					
4" diameter pipe TSI	5271	2 nd floor attic space throughout	10% chrysotile 10% amosite	10 LF					
4" diameter pipe elbows	5272	2 nd floor attic space throughout	5% chrysotile	10 elbows					
Asbestos-cement panels	N/A	Room 013A, lining furnace hood	Assumed	20 SF					

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.
	Er	nglish Building		
Soffit plaster ceiling	E201 thru E203	E217, E215, E213, E208, E210, 2nd floor, corridor, E201, E200, E302, E304, E100 - E117, 200, E217, E215, E213 (above ceiling tile, 1st floor corridor, 1st floor restrooms (above drywall ceiling))	5% chrysotile	14,000 SF
	Hi	istory Building		
Soft rough plaster	H16 thru H22	Rooms H101, H102, H100, H106, H114, 116, 118, 120, 122, 121, 119, 200, 201, 202, 203, 205, 207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1st&2nd floor	3% chrysotile	39,000 SF
TSI pipe insulation	0130-H29, 0130-H30, 0130-H31	Basement hallway in ceiling space, room H023 storage	6% amosite and 2% chrysotile	800 IF
	Lar	nguage Building		
Base flashing roof panels	LL1301 thru LL1303	Roof	None detected- 5% chrysotile	300 SF
Exterior stucco wall and ceilings	LL1401 thru LL1405, LL1501 thru LL1505	Exterior Walls and overhang	2% - 3% chrysotile	9,500 SF

Material	Sample No.	Material Location	Asbestos Content	Est. Qty.				
Ceiling access panels	LL1601	Room L104 thru L116, room L204 thru L210	3% chrysotile	20 units				
Administration Building								
Joint compound on drywall mud ceiling	5200, 5201, 5202, 5205, 5206. 0201-06, 0201-08	5202, 5205, 5206. 0201-06, Rooms M200, 201 (A-E), 200A		2,500 SF				
Music Building								
Drywall mud ceiling	0202-24 thru 0202-28	Rooms M200, 201 (A-E), 200A	0.94% -1.14% chrysotile (1000 pt.)	3,500 SF				
Drywall ceiling composite with mud	0202-29	Rooms M200, 201 (A-E), 200A	0.25% chrysotile (1000 pt.)	3,500 SF				
Stucco	0202-72 thru 0202-78 Exterior walls		<0.1% - 0.22% chrysotile (1000 pt.)	6,300 SF				
	No	orth/South Gym						
Drywall with mud (ceiling) composite	gym-17	Above fissured ceiling panels, northeast stairwell, north gym, southeast stairwell, south gym, SG206, basketball court, north and south gym seating areas	0.17% chrysotile (1000 pt.)	12,700 SF				

Drywall mud (ceiling)	gym-21 thru gym-27	Above fissured ceiling tiles, northeast stairwell, north gym, southeast, stairwell, south gym, north and south gym, seating areas, basketball court	0.67% - 1.04% chrysotile (1000 pt.)	12,700 SF
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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 (LBP), 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 5,000 parts per million (ppm) by paint chip analysis.

Lead-containing paints (LCP) 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 work exposure during work 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.

The following painted surfaces were analyzed by paint chip:

Sample #	Component	Substrate	ate Material Location Paint Color		Lead (mg/cm²)			
			Business Building					
PC-7	Ceiling	Metal	Room B105	Gray	75,000			
PC-8	Roof vent	Metal	Roof exhaust vents	Black	160,000			
	English Building							
PC-19A	Beam	Metal	Structural beams and columns	Orange	650,000			

Sample #	Component	Substrate	Material Location	Paint Color	Lead (mg/cm²)		
			Art Building				
PC-25	Beam	Metal	Interior structural beams/columns	Orange	560,000		
Barnum Hall							
PC-47	Beam	Metal	Original structural beams, columns, decking	Orange	440,000		
			North South Gym				
PC-67	Beam wall	Metal	Interior structural beams, columns, truss	Green	27,000		
			Admin Building				
PC-72	Duct	Metal	Book room	White	5,000		

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.

- Wall, and ceilings-plaster and drywall and stucco
- Painted mechanical equipment and components

6 CONCLUSIONS AND RECOMMENDATIONS

Alta survey and sampling was limited to: Business, Art, English, History, Barnum Hall, Language, Administration, Music, and Gymnasium buildings. The survey included all interior walls, ceilings, ceiling spaces, attic spaces and exterior walls, roof and mechanical units and ancillary equipment. Based on review of the drawings, and information provided by the District, floors and crawlspaces will not be impacted during this project, and therefore, not inspected. The scope of work was limited to asbestoscontaining material and lead in paint.

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

Alta has incorporated and summarized the sampling information from previous survey records: Cape Environmental 1993, CTL Environmental 2008. The findings reported in this report are intended to be used in conjunction with the previous records.

6.1 Asbestos

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

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

Several materials included in this report were reported to contain low levels of asbestos, laboratory reported as less than 1% (<1%). A gravimetric reduction followed by point count analysis was performed by the laboratory. Point-count analysis involves gravimetric reduction through ashing and acid dissolution removes interfering organic binders and calcium carbonate facilitating a more accurate and reliable analysis. A predetermined number of points were counted (in California, 1000 for 0.1% detection limit). The number of asbestos points is divided by the total number of points counted to obtain the percent asbestos in the residue. The final result is then obtained by multiplying the percent asbestos in the residue by the percentage of the sample represented by the residue. Results of the 1,000 point count analysis have been incorporated in this report.

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

Damaged asbestos materials should be removed, repaired, encapsulated or enclosed. The USEPA (locally enforced by South Coast Air Quality Management District (SCAQMD) requires that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The USEPA recommends that a proactive, in-place management program be put in place whenever asbestos is discovered in a building. Asbestos materials that are not damaged may be managed in place with a good operations and maintenance (O&M) program.

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

6.2 Lead

6.2.1 Lead-based paint

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

Impacts to LBP when disturbed for construction purposes are subject to Cal/OSHA worker protection requirements such as but not limited to initial employee exposure monitoring, worker protection etc. Impacts to LBP may also be subject to California Department of Public Health requirements if results of worker exposure monitoring exceed the Cal/OSHA permissible exposure limit.

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

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

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

6.2.2 Lead-containing Paints

Lead-containing paints have been identified at the Site. Refer to Appendix G in this report for a summary of LCP.

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

7 ASSUMPTIONS AND LIMITATIONS

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

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

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

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

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

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

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

8 SIGNATORY

Respectfully submitted by:

Alta Environmental

Cesar Ruvalcaba Project Manager

Certified Asbestos Consultant Cert. #95-1799

Lead Inspector/Assessor, Project Monitor

CDPH Cert. #6855

Appendix A
Field Bulk Sample List: Asbestos

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Sand plaster	Previously sampled 5228-34	None detected	N/A	Basement Room 10, 1st floors, rooms 100, 100A, 101, 101A, 102, 103, 104, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, hallway, men's restroom, office 1, 2nd floor, rooms 200, 200A, 201, 202, 205, 206, 208, 207, 204A, office 2, girls restroom (note: water damage on plaster at various locations)	25,000	SF	No	Yes
Rough plaster ceiling	0124-01	None detected	1st floor hallway, center	1st floor hallways (note: water damage on plaster)	950	SF	No	Yes
Rough plaster ceiling	0124-02	None detected	1st floor east end, center					
Rough plaster ceiling	0124-03	None detected	1st floor west end, center					
Acoustical plaster ceiling	0124-04	None detected	1st floor hallway, center	Above drop down ceilings in all rooms and hallways	25,000	SF	No	Yes
Acoustical plaster ceiling	0124-05	None detected	1st floor east end, center					
Acoustical plaster ceiling	0124-06	None detected	1st floor west end, center					
Acoustical plaster ceiling	0124-07	None detected	Room 102, northwest corner					
Acoustical plaster ceiling	0124-08	None detected	Room 120, center					
Acoustical plaster ceiling	0124-09	None detected	Room 202, center					
Acoustical plaster ceiling	0124-10	None detected	Room 106, southwest corner					

Page 2 of 39

CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Drywall	Previously sampled 5240	None detected	N/A	Basement room 10, 1st floor restrooms, 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 110A, 122, 124, 126 restroom, 2nd floor rooms, 200, 200A, 201, 202, 205, 206, 207, 208	3,000	SF	No	No
Drywall	0124-11	None detected	Room 200, southwest corner	202, 203, 200, 207, 200				
Drywall composite with joint compound	Previously sampled 5241	None detected	N/A					
12"x12" random peg hole ceiling tile with glue	Previously sampled 5245	None detected	N/A	Rooms 110, 111, 120, 115, 122, 124, 126, 126A, 2nd floor rooms 200,	20,000	SF	Yes	No
12"x12" random peg hole ceiling tile with glue	0124-12	None detected	Room 200 northwest corner	200A, 201, 202, 205, 208, 206, 207, 204A, office 1 and 2, 1st floor hallway				
12"x12" random peg hole ceiling tile with glue	0124-13	None detected	Room 110 center					
2'x4' fissured ceiling panel	Previously sampled 5246	None detected	N/A	2nd floor drop down ceilings in rooms 202, 206	1,500	SF	Yes	No
2'x4' fissured ceiling panel	0124-14	None detected	Room 202, southwest corner					
2'x4' fissured ceiling panel	0124-15	None detected	Room 206, northeast corner					

CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Window putty	0124-16	None detected	South wall, west end	All exterior windows	1,000	LF	No	No
			window					
Window putty	0124-17	None detected	North wall, east end window					
Window putty	0124-18	None detected	North wall, west end window					
.					5			
			sbestos. Results of the resam	ipling was reported as non-	detected. B	ased o	n these res	ults, it is
interpreted that the previous					40.000	0.5		
Stucco	Previously	None detected	N/A	Exterior walls	16,000	SF	No	No
	sampled							
	5248							
Stucco	0124-19	None detected	South wall, west end					
Stucco	0124-20	None detected	South wall, center					
Stucco	0124-21	None detected	North wall, east end					
Stucco	0124-22	None detected	North wall, center					
Stucco	0124-23	None detected	Exterior northwest corner					
Stucco	0124-24	None detected	Exterior west center					
Moisture paper (behind	0124-25	None detected	South wall, west end	Exterior walls under and	16,000	SF	No	No
stucco)				behind stucco				
Moisture paper (behind	0124-26	None detected	North wall, east end window					
stucco)								
Moisture paper (behind	0124-27	None detected	Exterior northwest corner					
stucco)								
Button board	0124-28	None detected	1st floor hallway, center	Under all plaster walls	25,000	SF	No	No
Button board	0124-29	None detected	Room 120 north center	(interior walls)				
Button board	0124-30	None detected	Room 202, south center					
TSI on pipe (above drop	0124-31	5% amosite	1st floor hallway, center	Above drop drown ceiling	700	LF	Yes	No
down ceiling)		<1% crocidolite		in 1st floor hallway				
TSI on pipe (above drop	0124-32	5% amosite	1st floor west end, center					
down ceiling)		<1% crocidolite						
TSI on pipe (above drop	0124-33	8% amosite	1st floor east end, center					
down ceiling)		<1% crocidolite						
Roofing debris	0124-34	None detected	Room B122 at hatch	Above drop down ceiling	7,200	SF	Yes	No
Roofing debris	0124-35	None detected	2nd floor hallway at hatch	in B122, 2nd floor above	•			
Roofing debris	0124-36	None detected	2nd floor hallway at east	ceiling				
			hatch					

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PROJECT NO: SMSD-17-7472 PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Silver roof core	0124-37	None detected	Roof northwest corner	Roof	110,000	SF	No	No
Silver roof core	0124-38	None detected	Roof south, center					
Silver roof core	0124-39	None detected	Roof west, center					
Silver penetration mastic	0124-40	None detected	Roof southeast penetration	Roof penetrations	200	SF	No	No
Silver penetration mastic	0124-41	None detected	Roof northwest penetration					
Silver penetration mastic	0124-42	None detected	Roof center penetration					
Joint compound	Previously sampled 5235-39	None detected	N/A	Basement room 10, 1st floor restrooms, 100, 100A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restrooms, 2nd floor rooms, 200, 200A, 201, 202, 205, 206, 207, 208 (note: patch work in rooms on drywall)	3,000	SF	No	No
Chalkboard mastic	N/A	Assumed	N/A	Basement room 10, 1st floor rooms 100, 106, 110, 120, 111, 115	40	each	No	No

CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty	r. Friable	Damage
12"12" random pin hole	0125-A1	None detected	Room 102 north center	Rooms 107, 102, 105,	5,000 S	F Yes	No
ceiling tile with glue				103, 101, storage 1, 2, 3,			
				012, 012A, 010B, 010A,			
12"12" random pin hole	0125-A2	None detected	Room 107 south center	dark room, 013, 013A,			
ceiling tile with glue				014			
12"12" random pin hole ceiling tile with glue	5263	None detected	Previously sampled				
2'x4' fissured ceiling panel	0125-A3	None detected	Room 012 center	Room 012	1,000 S	F No	No
2'x4' fissured ceiling panel	0125-A4	None detected	Room 012 north center				
2'x4' fissured ceiling	5264	None detected	Previously sampled				
panel							
Button board	5267	None detected	Previously sampled	Under plaster in rooms	6,200 S	F No	No
Button board	0125-A5	None detected	Room 103	107, 102, 105, 103, 101,			
Button board	0125-A6	None detected	Room 013	storage, 1, 2, 3, 012,			
				012A, 010A, 010B, dark			
				room, 011, 013, 013A,			
				014, 014A, 011			
Window putty	0125-A7	0.62% chrysotile (1000 pt.)	Exterior north center	Exterior windows	200 LI	F No	No
Window putty	0125-A8	0.51% chrysotile (1000 pt.)	Exterior south center				
Window putty	0125-A9	0.57% chrysotile (1000 pt.)	Exterior northwest end				

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Stucco	5273	None detected	Previously sampled	Exterior walls (on	7,500 SF	No	No
Stucco	0125-A10	None detected	Exterior north center	concrete could not find			
Stucco	0125-A11	None detected	Exterior south center	barrier paper behind)			
Stucco	0125-A12	None detected	Exterior southwest corner				
Stucco	0125-A13	None detected	Exterior east center				
Stucco	0125-A14	None detected	Exterior west center				
Stucco	0125-A15	None detected	Exterior northeast corner				
Duct wrapping	5269	None detected	Previously sampled	Room 101 (on duct work	100 LF	No	No
Duct wrapping	0125-A16	None detected	Room 101 HVAC center	& piping)			
Duct wrapping	0125-A17	None detected	Room 101 HVAC west				
			center				
Acoustical plaster	0125-A18	3% chrysotile	Room 011 north center	Above ceiling tile in all	6,000 SF	Yes	No
ceiling				rooms			
Acoustical plaster	0125-A19	3% chrysotile	Room 013 north center				
ceiling							
Acoustical plaster	0125-A20	2% chrysotile	Room 014 southwest corner				
ceiling		·					
Acoustical plaster	0125-A21	3% chrysotile	Room 105 west center				
ceiling		·					
Acoustical plaster	0125-A22	2% chrysotile	Room 101 north center				
ceiling		·					
Acoustical plaster	0125-A23	2% chrysotile	Room 103 center				
ceiling							
Acoustical plaster	0125-A24	3% chrysotile	Room 012 northeast corner				
ceiling							

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Silver roof core	0125-A25	None detected	Roof north center	Roof	4,500	SF	No	No
Silver roof core	0125-A26	None detected	Roof west center					
Silver roof core	0125-A27	None detected	Roof east center					
Silver penetration mastic	0125-A28	None detected	Roof penetration northwest	Roof penetrations	200	SF	No	No
Silver penetration	0125-A29	None detected	Roof penetration north					
mastic			center					
Silver penetration mastic	0125-A30	None detected	Roof penetration southeast					
Roofing debris	0125-A31	None detected	Ceiling space room 101 center	Ceiling spaces 2nd floor	4,500	SF	Yes	No
Roofing debris	0125-A32	None detected	Ceiling space room 103 center					
Roofing debris	0125-A33	None detected	Ceiling space room 105 center					
Sand plaster	5249	None detected	Previously sampled	Rooms 107, 102, 105,	6,200	SF	No	No
Sand plaster	5250	None detected	Previously sampled	103, 101, storage 1, 2, 3,				
Sand plaster	5251	None detected	Previously sampled	012, 012A, 010B, 010A,				
Sand plaster	5252	None detected	Previously sampled	dark room, 013, 013A,				
Sand plaster	5253	None detected	Previously sampled	014, 011, 014B				
Sand plaster	5254	None detected	Previously sampled					
Sand plaster	5255	None detected	Previously sampled					
Joint compound	5256	None detected	Previously sampled	Room 012, 012A, 010A,	1,800	SF	No	No
Joint compound	5257	None detected	Previously sampled	010B, dark room, 011,				
Joint compound	5258	None detected	Previously sampled	013, 013A, 014, 014A				
Joint compound	5259	None detected	Previously sampled					
Joint compound	5260	None detected	Previously sampled					

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Art Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Drywall with joint	5261	None detected	Previously sampled	Room 012, 012A, 010A,	1,800 SF	No	No
compound				010B, dark room, 011,			
Drywall with joint	5262	None detected	Previously sampled	013, 013A, 014, 014A			
compound							
Vibration reducer	5268	None detected	Previously sampled	2nd floor attic space on	5 SF	No	No
				HVAC unit at seams			
4" diameter pipe TSI	5271	10% chrysotile	Previously sampled	2nd floor attic space	100 LF	Yes	No
		10% amosite		throughout			
4" diameter pipe elbows	5272	5% chrysotile	Previously sampled	2nd floor attic space	10 Elbows	Yes	No
				throughout			
Asbestos containing	N/A	Assumed	N/A	Room 013A, lining	20 SF	Yes	No
cement panels				furnace hood			

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

English Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Plaster	E101	None detected	Previously sampled	Interior walls throughout -	24,000	SF	No	No
				1st, 2nd floors				
Plaster	E102	None detected	Previously sampled					
Plaster	E103	None detected	Previously sampled					
Plaster	E104	None detected	Previously sampled					
Plaster	E105	None detected	Previously sampled					
Plaster	E106	None detected	Previously sampled					
Plaster	E107	None detected	Previously sampled					
Soffit plaster ceiling	E201	5% chrysotile	Previously sampled	E217, E215, E213, E208,	14,000	SF	No	No
				E210, 2nd floor, corridor,				
				E201, E200, E302, E304,				
Soffit plaster ceiling	E202	5% chrysotile	Previously sampled	E100 - E117, 200, E217,				
				E215, E213 (above				
				ceiling tile, 1st floor				
Soffit plaster ceiling	E203	5% chrysotile	Previously sampled	corridor, 1st floor				
oom place oomig		7.5 5,5555	l remeasily samples	restrooms (above drywall				
				ceiling))				
Plaster ceiling	E401	None detected	Previously sampled	E104A, stairwells	2,300	SF	No	No
Plaster ceiling	E402	None detected	Previously sampled	7				
Plaster ceiling	E403	None detected	Previously sampled	7				
Plaster ceiling	E01	None detected	Previously sampled	7				
Plaster ceiling	E02	None detected	Previously sampled	7				
12" straight peg hole	E04	None detected	Previously sampled	200, E217, E215, E213	3,800	SF	No	No
ceiling tile with glue								
12" straight peg hole	0125-01	None detected	Room E215 northwest	7				
ceiling tile with glue			corner					
12" straight peg hole	0125-02	None detected	Room 217 north center	1				
ceiling tile with glue								

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English Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Drywall with joint	E07	None detected	Previously sampled	1st floor restrooms, 1st	9,000	SF	No	No
compound				thru 2nd floors throughout				
Drywall with joint	E08	None detected	Previously sampled	patch work, E215 (north				
compound				wall), E213 south wall,				
Drywall with joint	E09	None detected	Previously sampled	E210 east wall, E208 Arr,				
compound				E205 restroom, E203				
Drywall with joint	E10	None detected	Previously sampled	restroom, E203A, E302,				
compound				E304, E104, E104B,				
Drywall with joint	E11	None detected	Previously sampled	E106, E106A, E110,				
compound				E115 north wall, E113				
Drywall with joint	E12	None detected	Previously sampled	south wall				
compound								
Drywall with joint	E13	None detected	Previously sampled					
compound								
Drywall with joint	E14	None detected	Previously sampled					
compound								
Stucco	E21	None detected	Previously sampled	Exterior walls, walkway	20,000	SF	No	No
Stucco	E22	None detected	Previously sampled	ceilings				
Stucco	E23	None detected	Previously sampled					
Stucco	E24	None detected	Previously sampled					
Stucco	E25	None detected	Previously sampled					
Stucco	0125-03	None detected	Exterior north center					
Stucco	0125-04	None detected	Exterior west center					
2'x4' ceiling panel	0125-05	None detected	Room 103 northwest corner	Room 103	950	SF	Yes	No
fissured								
2'x4' ceiling panel	0125-06	None detected	Room 103 southeast corner]				
fissured								
2'x4' ceiling panel	0125-07	None detected	Room 103 center]				
fissured								

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English Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.		Friable	Damage
White rolled on roof	0125-08	None detected	Roof center	Roof	10,000	SF	No	No
core								
White rolled on roof	0125-09	None detected	Roof southwest corner					
core								
White rolled on roof	0125-10	None detected	Roof northeast corner					
core								
Duct sealant	0125-11	None detected	HVAC roof north center	Roof HVAC system and	400	LF	No	No
Duct sealant	0125-12	None detected	HVAC roof south center	on air ducts throughout				
Duct sealant	0125-13	None detected	HVAC roof center	building in ceiling spaces				
White penetration	0125-14	None detected	Roof southwest penetration	Roof penetrations	400	SF	No	No
mastic								
White penetration	0125-15	None detected	Roof north center					
mastic			penetration					
White penetration	0125-16	None detected	Roof south center					
mastic			penetration					

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Smooth plaster walls	0130-H1	None detected	1st floor hallway, west	Basement, 1st and 2nd	16,000 SF	No	No
			center	floor hallways			
Smooth plaster walls	0130-H2	None detected	1st floor hallways, northwest				
			corner				
Smooth plaster walls	0130-H3	None detected	1st floor hallway, southeast				
			corner				
Smooth plaster walls	0130-H4	None detected	1st floor hallway, north end				
			center				
Smooth plaster walls	0130-H5	None detected	2nd floor hallway, west				
			center				
Smooth plaster walls	0130-H6	None detected	2nd floor hallways,				
			northeast corner				
Smooth plaster walls	0130-H7	None detected	2nd floor hallway, southwest				
			corner				
Rough plaster walls	0130-H8	None detected	Room 127 east center	1st floo roomr 127, 125,	16,000 SF	No	No
Rough plaster walls	0130-H9	None detected	Room 116 northwest corner	101, 103, 100, 102, 104,			
				107, 106, 106A, 106B,			
Rough plaster walls	0130-H10	None detected	Room 102 northwest corner	106C, 106D, 113, 114,			
				116, 118, 120, 115, 119,			
Rough plaster walls	0130-H11	None detected	Room 210 northeast corner	123, 121, 122, 2nd floor			
				rooms: 201, 200, 203,			
Rough plaster walls	0130-H12	None detected	Room 216 west center	202, 205, 204, 207, 208,			
Rough plaster walls	0130-H13	None detected	Room 213 north center	209, 210, 213, 214, 215,			
Rough plaster walls	0130-H14	None detected	Room 205 southeast corner	216, 217, 218			

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

History Building

History Building							
Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qt	y. Friable	Damage
Window putty	0130-H15	None detected	Room 103 window center	Exterior windows	600 L	.F No	No
Window putty	0130-H16	None detected	Room 114 window center				
Window putty	0130-H17	None detected	Room 120 window center				
Note: window putty was i	resampled due to pr	eviously <1% reported as	bestos. Results of the resam	npling was reported as non-de	etected. Base	d on these resi	ılts, it is
interpreted that the previ	ous results was not	normal and not represent	ative of the materails.				
Soft rough plaster	H16-H22	3% chrysotile	Previously sampled	Rooms H101, H102,	39,000 S	SF No	No
ceiling				H100, H106, H114, 116,			
Plaster ceilings	H301	None detected	Previously sampled	H117A custodian room,	1,000 S	SF No	No
Plaster ceilings	H302	None detected	Previously sampled	H117B, H117A, H117,			
Plaster ceilings	H303	None detected	Previously sampled	H020, H021, H023, H206			
				(only in custodian closets,			
				restrooms, and storages)			
12" peghole ceiling tile	H201	None detected	Previously sampled	H125, h101, H100, H102,	23,000	SF No	No
with mastic (walls &				H106 (A-D), H117, H116,			
ceilings)				H120, H122, H119, H121,			
12" peghole ceiling tile	H202	None detected	Previously sampled	H200, H201, H203, H204,			
with mastic (walls &				H205, H207, H208, H209,			
ceilings)				H210, H213, H215, H217,			
12" peghole ceiling tile	H203	None detected	Previously sampled	H216, H218			
with mastic (walls &							
ceilings)							
12" peghole ceiling tile	H205	None detected	Previously sampled				
with mastic (walls &							
ceilings)							<u> </u>

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History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Drywall	H10	None detected	Previously sampled	H104, H104A, H104B, H107, men's restroom,	3,200	SF	No	No
Drywall	H124A	None detected	Previously sampled	H114, H116, H206, H203A, H212				
Drywall joint compound	H11	None detected	Previously sampled	H104, H104A, H104B, H107, men's restroom,	3,200	SF	No	No
Drywall joint compound	H12	None detected	Previously sampled	H114, H116, H206, 203A, H212				
Drywall joint compound	H13	None detected	Previously sampled					
Drywall joint compound	H14	None detected	Previously sampled					
Drywall joint compound	H15	None detected	Previously sampled]				
2'x2' fissured ceiling panel	0130-H18	None detected	Room H118 center	H118, H116, H114	2,700	SF	Yes	No
2'x2' fissured ceiling panel	0130-H19	None detected	Room H114 north center					
2'x2' fissured ceiling panel	H23	None detected	Previously sampled					
2'x4' fissured ceiling panel	H28	None detected	Previously sampled	H127, H127B	900	SF	Yes	No
2'x4' fissured ceiling panel	0130-H20	None detected	Room H127 north center					
2'x4' fissured ceiling panel	0130-H21	None detected	Room H127B west center]				

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

History Building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty	Friable	Damage
Gypsum board	H30	None detected	Previously sampled	Basement hallway above	950 SF	No	No
Gypsum board	0130-H22	None detected	Basement hallway, center	ceiling tile			
Gypsum board	0130-H23	None detected	Basement north end center				
12" random peghole ceiling tile with mastic	H31	None detected	Previously sampled	Basement hallways	900 SF	No	No
12" random peghole ceiling tile with mastic	0130-H24	None detected	Basement hallway, center				
12" random peghole ceiling tile with mastic	0130-H25	None detected	Basement north end center				
Button board	0130-H26	None detected	Basement hallway center	Basement hallway and	16,000 SF	No	No
Button board	0130-H27	None detected	Basement north end center	above ceiling tile			
Button board	0130-H28	None detected	Basement south end center	throughout buildling			
TSI pipe insulation	0130-H29	6% amosite and 2% chrysotile	H023 storage, center	Basement hallway in ceiling space, room H023	800 LF	Yes	No
TSI pipe insulation	0130-H30	8% amosite and 2% chrysotile	Basement hallway, north end	storage			
TSI pipe insulation	0130-H31	6% amosite and 2% chrysotile	Basement hallway south end				
Roofing debris	0130-H32	None detected	At hatch janitor's closet	2nd floor ceiling spaces	16,000 SF	Yes	No
Roofing debris	0130-H33	None detected	At hatch center H214 ceiling	throughout			
			space				
Roofing debris	0130-H34	None detected	At hatch center H210 ceiling				
			space				

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

History Building

Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
0130-H35	None detected	Roof center	Roof	13,000	SF	No	No
0130-H36	None detected	Roof west center					
0130-H37	None detected	Roof east center					
0130-H38	None detected	Roof penetration northwest	Roof penetrations	400	SF	No	No
0130-H39	None detected	Roof penetration north					
		center					
0130-H40	None detected	Roof peneteration southeast					
0130-H41	None detected	Room 207 duct center	Room 207 ducting and on	400	LF	No	No
0130-H42	None detected	Room 207 left side	all ducts throughout				
0130-H43	None detected	Room 207 right side	building				
	0130-H35 0130-H36 0130-H37 0130-H38 0130-H39 0130-H40 0130-H41 0130-H42	0130-H35 None detected 0130-H36 None detected 0130-H37 None detected 0130-H38 None detected 0130-H39 None detected 0130-H40 None detected 0130-H41 None detected 0130-H42 None detected	0130-H35None detectedRoof center0130-H36None detectedRoof west center0130-H37None detectedRoof east center0130-H38None detectedRoof penetration northwest0130-H39None detectedRoof penetration north center0130-H40None detectedRoof peneteration southeast0130-H41None detectedRoom 207 duct center0130-H42None detectedRoom 207 left side	0130-H35None detectedRoof centerRoof0130-H36None detectedRoof west center0130-H37None detectedRoof east center0130-H38None detectedRoof penetration northwestRoof penetration north center0130-H39None detectedRoof penetration north center0130-H40None detectedRoof peneteration southeast0130-H41None detectedRoom 207 duct centerRoom 207 ducting and on all ducts throughout	0130-H35None detectedRoof centerRoof13,0000130-H36None detectedRoof west center13,0000130-H37None detectedRoof east centerRoof penetration northwestRoof penetrations4000130-H38None detectedRoof penetration north centerRoof penetration north center4000130-H39None detectedRoof peneteration southeastRoom 207 duct centerRoom 207 ducting and on all ducts throughout	0130-H35None detectedRoof centerRoof13,000SF0130-H36None detectedRoof west center0130-H37None detectedRoof east center0130-H38None detectedRoof penetration northwestRoof penetrations400SF0130-H39None detectedRoof penetration north center0130-H40None detectedRoof peneteration southeast0130-H40None detectedRoom 207 duct centerRoom 207 ducting and on all ducts throughout	0130-H35None detectedRoof centerRoof13,000SFNo0130-H36None detectedRoof west center13,000SFNo0130-H37None detectedRoof east centerRoof penetration northwestRoof penetrations400SFNo0130-H38None detectedRoof penetration northwest centerRoof penetration north centerRoof penetration southeast400SFNo0130-H40None detectedRoof peneteration southeastRoom 207 duct center Room 207 left sideRoom 207 ducting and on all ducts throughout400LFNo

Note: HVAC units mounted onto interior wall in classrooms

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
12" fissured ceiling tile	5288	None detected	Previously sampled	Basement hallway 2, 1st	900	SF	No	No
with mastic				floor elevator lobby, 2nd				
12" fissured ceiling tile	0129-01	None detected	Women's restroom center	floor men's and women's				
with mastic				restroom				
12" fissured ceiling tile	0129-02	None detected	Basement hallway 2 center					
with mastic								
Ceiling tile mastic	0129-03	None detected	Basement west center	Basement hallway 2, 1st	900	SF	No	No
				floor elevator lobby, 2nd				
				floor men's and women's				
				restroom				
Duct sealant	0129-04	None detected	Roof HVAC	Interior throughout ceiling	300	LF	No	No
Duct sealant	0129-05	None detected	Roof HVAC	spaces, roof HVAC				
Duct sealant	0129-06	None detected	At hatch, 1st floor elevator	system				
			lobby					
Duct sealant	5289	None detected	Previously sampled					
Exterior stucco	5290	None detected	Previously sampled	Exterior walls	1,100	SF	No	No
Exterior stucco	SM1001	None detected	Previously sampled					
Exterior stucco	SM1002	None detected	Previously sampled					
Exterior stucco	SM1003	None detected	Previously sampled					
Exterior stucco	0129-07	None detected	Exterior north center					
Exterior stucco	0129-08	None detected	Exterior southwest corner					
Exterior stucco	0129-09	None detected	Exterior east center					
Smooth plaster wall	SM0101	None detected	Previously sampled	1st floor walkway 1&2,	7,200	SF	No	No
Smooth plaster wall	SM0102	None detected	Previously sampled	hall, men's and women's				
Smooth plaster wall	SM0103	None detected	Previously sampled	restroom, lobby,				
Smooth plaster wall	SM0104	None detected	Previously sampled	mezzanine levels, men's				
Smooth plaster wall	0129-10	None detected	1st floor walkway north	and women's restroom,				
			center	closet 1&2, balcony				
Smooth plaster wall	0129-11	None detected	Lobby, northwest corner]				

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Rough plaster wall	SM0201	None detected	Previously sampled	Basement electrical room	20,000	SF	No	No
Rough plaster wall	SM0202	None detected	Previously sampled	2, room 10, 11, 14, 15, 4,				
Rough plaster wall	SM0203	None detected	Previously sampled	hallway 1&2, girls restroom, boy's restroom,				
Rough plaster wall	SM0204	None detected	Previously sampled	1st floor, elevator lobby,				
Rough plaster wall	SM0205	None detected	Previously sampled	storage 2, room 1, storage 4, lobby, janitor's				
Rough plaster wall	SM0206	None detected	Previously sampled	closet, hall, office 1, 2,				
Rough plaster wall	SM0207	None detected	Previously sampled	mezzanine lobby, balcony				
Rough plaster wall	0129-12	None detected	Lobby, northeast corner	1				
Rough plaster wall	0129-13	None detected	Room 10, northeast corner	1				
White roof core	0129-14	None detected	Roof 1, center	All 5 roof levels	15,000	SF	No	No
White roof core	0129-15	None detected	Roof 2, center	1				
White roof core	0129-16	None detected	Roof 5, center	1				
White penetration	0129-17	None detected	Roof 1, north center	All 5 roof levels	400	SF	No	No
mastic			penetration					
White penetration	0129-18	None detected	Roof 2, southwest	1				
mastic			penetration					
White penetration	0129-19	None detected	Roof 4, center penetration	1				
mastic								
Gray patch mastic	0129-20	None detected	Roof 1 northwest corner	Patch on all roof levels	150	SF	No	No
Gray patch mastic	0129-21	None detected	Roof 3 north center	1				
Gray patch mastic	0129-22	None detected	Roof 4 south center	1				
12" pin hole ceiling tile	0129-23	None detected	Room 10, north center	Ceiling and wall sin	950	SF	No	No
with mastic				basement room 10				
12" pin hole ceiling tile	0129-24	None detected	Room 10, center	7 I				
12" pin hole ceiling tile	0129-25	None detected	Room 10, southeast corner	1				
with mastic								

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Barnum Hall

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.		Friable	Damage
Light gray soft fireproofing	0129-26	None detected	Storage 1, north center	Storage area 1 ceiling and beams, basement in	3400	SF	No	No
Light gray soft fireproofing	0129-27	None detected	Storage, south center	ceiling psaces, behind stage				
Light gray soft fireproofing	0129-28	None detected	Basement room 10, center]				
Light gray soft fireproofing	0129-29	None detected	Room 11, north center	1				
Light gray soft fireproofing	0129-30	None detected	Behind storage, center]				
Vibration reducer	0129-31	None detected	HVAC left side	Roof HVAC system	50	LF	No	No
Vibration reducer	0129-32	None detected	HVAC center	j , , , , , , , , , , , , , , , , , , ,				
Vibration reducer	0129-33	None detected	HVAC right side	1				
Joint compound	5280	None detected	Previously sampled	Ceiling in 1st floor rooms	950	SF	No	No
Joint compound	5281	None detected	Previously sampled	19, 20, and walls in storage room 3, office 1, 2				
Joint compound	5282	None detected	Previously sampled					
Drywall	5283	None detected	Previously sampled	Ceiling in 1st floor rooms 19, 20, and walls in storage room 3, office 1, 2	950	SF	No	No
Drywall composite with joint compound	5284	None detected	Previously sampled	Ceiling in 1st floor rooms 19, 20, and walls in storage room 3, office 1, 2	950	SF	No	No
Fireproofing (cementitiious)	5274-5279	None detected	Previously sampled	1st floor and main seating areas (in ceilign space)	4,500	SF	Yes	No

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Silver Roofing	LL1201	None detected	Previously sampled	Roof	11,000 SF	No	No
Silver Roofing	LL1202	None detected	Previously sampled				
Silver Roofing	LL1203	None detected	Previously sampled				
Base flashing roof	LL1301	5% chrysotile	Previously sampled	Roof	300 SF	No	No
panels							
Base flashing roof	LL1302	5% chrysotile	Previously sampled				
panels							
Base flashing roof	LL1303	5% chrysotile	Previously sampled				
panels							
Exterior stucco wall and	LL1401	2% - 3% chrysotile	Previously sampled	Exteior walls and	9500 SF	No	No
ceilings				overhang			
Exterior stucco wall and	LL1402	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1403	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1404	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1405	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1501	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1502	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1503	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1504	2% - 3% chrysotile	Previously sampled				
ceilings							
Exterior stucco wall and	LL1505	2% - 3% chrysotile	Previously sampled				
ceilings							

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. C	Qty.	Friable	Damage
Ceiling access panels	LL1601	3% chrysotile	Previously sampled	Room L104 thru L116, room L204 thru L210	20 l	Units	No	No
Gypsum ceiling	LL2001	None detected	Previously sampled	Corridors	1,900	SF	No	No
Gypsum ceiling	LL2002	None detected	Previously sampled					
Gypsum ceiling	LL2003	None detected	Previously sampled					
Rough plaster	LL0501	None detected	Previously sampled	Transformer on L107C,	950	SF	No	No
Rough plaster	LL0502	None detected	Previously sampled	L109A, mechanical rooms				
Rough plaster	LL0503	None detected	Previously sampled					
Gypsum board walls	LL1001	None detected	Previously sampled	L210D, L210E, L210C,	1,800	SF	No	No
Gypsum board walls	LL1002	None detected	Previously sampled	L210F, L108, L106, L113,				
Gypsum board walls	LL1003	None detected	Previously sampled	L115, L116				
Drywall	L03	None detected	Previously sampled	Restrooms, L208B, L206B, L206A, L207A,	3,500	SF	No	No
Drywall	0130-01	None detected	L123A north center	L107D, L123A, L107A,				
Drywall	0130-02	None detected	L117B north center	L118, L117, L117B, L117C				
Joint compound	L04	None detected	Previously sampled	Restrooms, L208B,	3,500	SF	No	No
Joint compound	L13	None detected	Previously sampled	L206B, L206A, L207A,				
Joint compound	L14	None detected	Previously sampled	L107D, L123A, L107A,				
Joint compound	L15	None detected	Previously sampled	L118, L117, L117B,				
Joint compound	L16	None detected	Previously sampled	L117C				
HVAC joint compound	L05	None detected	Previously sampled	2nd floor ceiling space	50	SF	No	No
HVAC joint compound	0130-03	None detected	2nd floor corridor, center on					
			HVAC					
HVAC joint compound	0130-04	None detected	2nd floor corridor, center on					
			HVAC					

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Smooth plaster	LL0701	None detected	Previously sampled	Interior throughout	26,000	SF	No	No
Smooth plaster	LL0702	None detected	Previously sampled					
Smooth plaster	LL0703	None detected	Previously sampled					
Smooth plaster	LL0704	None detected	Previously sampled					
Smooth plaster	LL0705	None detected	Previously sampled					
Smooth plaster	LL0706	None detected	Previously sampled					
Smooth plaster	LL0707	None detected	Previously sampled					
Smooth plaster	LL0708	None detected	Previously sampled					
Smooth plaster	LL0709	None detected	Previously sampled					
12" random peg hole	LL0901	None detected	Previously sampled	L210, L208, corridors,	19,500	SF	No	No
ceiling tile with glue				L206, L207, L104, L105,				
12" random peg hole	LL0902	None detected	Previously sampled	L106, L107, L108, L108A,				
ceiling tile with glue				L109, L114, L115, L116,				
12" random peg hole	LL0903	None detected	Previously sampled	L118				
ceiling tile with glue								
12" fissured ceiling tile	L08	None detected	Previously sampled	1st and 2nd floor corridors	1,750	SF	No	No
with glue								
12" fissured ceiling tile	0130-05	None detected	1st floor corridor west center					
with glue								
12" fissured ceiling tile	0130-06	None detected	2nd floor corridor east center					
with glue								
Acoustical plaster	0130-08	None detected	Room L106, south center	On button board above	50,000	SF	No	No
ceiling				ceiling tiles, 1st and 2nd				
Acoustical plaster	0130-09	None detected	Room L112, northwest	floors throughout except				
ceiling			corner	restrooms and storages				
Acoustical plaster	0130-10	None detected	Room L115, west center					
ceiling								
Acoustical plaster	0130-11	None detected	Room 203, west center					
ceiling								
Acoustical plaster	0130-12	None detected	Room 210, north center					
ceiling								
Acoustical plaster	0130-13	None detected	Room 202, north center					
ceiling								
Acoustical plaster	0130-14	None detected	Room 206, center					
ceiling								

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Button board	0130-15	None detected	Room 206, center	On acoustical plaster	50,000	SF	No	No
Button board	0130-16	None detected	Room L115, north center	ceiling above ceiling tiles 1st and 2nd floor				
Button board	0130-17	None detected	Room L112, west center	throughout except restrooms and storage				
Gray patch mastic	0130-18	None detected	Roof northwest corner	Patch work on roof	200	SF	No	No
Gray patch mastic	0130-19	None detected	Roof southwest corner					
Gray patch mastic	0130-20	None detected	Roof east center					
Roof mastic	0130-21	None detected	Roof northeast penetration	Roof penetrations	400	SF	No	No
Roof mastic	0130-22	None detected	Roof southwest penetration					
Roof mastic	0130-23	None detected	Roof north center penetration					
2'x4' fissured ceiling panel	0130-24	None detected	Room L00, center	Rooms L100-L103, L200- L203, 1st and 2nd floor	6,000	SF	Yes	No
2'x4' fissured ceiling panel	0130-25	None detected	Room L103, south center	hallway (drop down ceiling)				
2'x4' fissured ceiling panel	0130-26	None detected	Room L200, east center					

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Sand plaster	5187	None detected	Previously sampled	Attendance office,	11,000	SF	No	No
				electrical room, lounge,				
Sand plaster	5188	None detected	Previously sampled	lobby 1&2, viking & Inn,				
Sand plaster	5189	None detected	Previously sampled	custodian room, staff				
Sand plaster	3109	None detected	l reviously sampled	men's and women's				
Sand plaster	5190	None detected	Previously sampled	restroom, hallway, 1, 2, 3,				
Sanu piastei	3190	None detected	Freviously sampled	rooms 103C, 103D, 102,				
Sand plaster	5191	None detected	Previously sampled	101, 103A, 013B, 103E,				
				103F, 515, 514, 513, 512,				
Sand plaster	5192	None detected	Previously sampled	511, 510, 509, 508, 507,				
·				506, 505, 504, 503,502,				
Sand plaster	5193	None detected	Previously sampled	501, 405, 402, 401, 401				
				closet, 401 restroom,				
Button board	5224	None detected	Previously sampled	300A&B, 203, 203A, 204,	11,000	SF	No	No
				204 restroom 205, 205				
Button board	0201-01	None detected	Lobby 1, north center	restroom, 200A, 200, 202,				
D. Harakarat	0004.00	None defected	Label O and the continuous	201				
Button board	0201-02	None detected	Lobby 2, northeast corner					

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Joint compound	5197	None detected	Previously sampled	On walls staff's women's	950	SF	No	No
Joint compound	5198	None detected	Previously sampled	and men's restroom,				
Joint compound	5199	None detected	Previously sampled	room 200A, 200, 103C,				
Joint compound	0201-03	None detected	Room 200, northwest corner	103D, 013A, 103B, 103E, 103F, hallway 3, lobby 1,				
Drywall (wall)	5203	None detected	Previously sampled	rooms 515-501	950	SF	No	No
Drywall (wall)	0201-04	None detected	Room 200, northwest corner					
Drywall (wall)	5204	None detected	Previously sampled	On walls, staff's women's and men's restroom, Room 200A, 200, 103 (A-	950	SF	No	No
Composite with joint compound	0201-05	None detected	Room 200A, west center	F), hallway 3, lobby 1, rooms 501-515				
Joint compound (ceilings)	5200	3% chrysotile	Previously sampled	Above 12" random pin hole ceiling tile, rooms	2,500	SF	No	No
Joint compound (ceilings)	0201-06	None detected	Room 402, north center	203, 203A, 204, 205, 200, 200A, 202, 103C, 103D,				
Drywall ceiling	5201	None detected	Previously sampled	103A, 103B, 101, 102,	2,500	SF	No	No
Drywall ceiling	5202	None detected	Previously sampled	405, 402, 401, 401 closet				
Drywall ceiling	0201-07		Room 402, north center	and restroom, vikings iin,				
Drywall ceiling	5205	None detected	Previously sampled	custodian room, electrical	2,500	SF	No	No
Drywall ceiling	5206	None detected	Previously sampled	room				
Composite with joint compound	0201-08	None detected	Custodian room, center					

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
12"x12" fissured ceiling	5207	None detected	Previously sampled	Hallways 1, 2, 3	1,300	SF	Yes	No
tile with glue								
12"x12" fissured ceiling	0201-09	None detected	Hallway 1, center					
tile with glue								
12"x12" fissured ceiling	0201-10	None detected	Hallway 3, center					
tile with glue								
12"x12" random	5208	None detected	Previously sampled	Rooms 203, 203A, 204,	2,300	SF	Yes	No
peghole ceiling tile with				205, 200A, 200, 202,				
glue				103C, 130D, 103A, 103B,				
12"x12" random	0201-11	None detected	Room 203 northeast corner	101, 103, 405, 402, 401,				
peghole ceiling tile with				401 closet and restroom,				
glue				vikings inn, custodian				
12"x12" random	0201-12	None detected	Room 103A south center	room, electrical room				
peghole ceiling tile with								
glue								
2'x4' fissured ceiling	0201-13	None detected	Attendance office, west	Attendanc eoffice,	2,900	SF	Yes	No
panel			center	hallway 2, lobby 1, lobby				
2'x4' fissured ceiling	0201-14	None detected	Lobby 1 northwest end	2, A0200, A0203				
panel								
2'x4' fissured ceiling	0201-15	None detected	A0200, north center					
panel								
Moisture paper (behind	0201-16	None detected	Exterior north center	Exterior	6,500	SF	No	No
stucco)								
Moisture paper (behind	0201-17	None detected	Exterior southwest corner					
stucco)								
Moisture paper (behind	0201-18	None detected	Exterior south center					
stucco)								

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Administration building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Stucco	5227	None detected	Previously sampled	Exterior walls	6,500	SF	No	No
Stucco	0201-19	None detected	Exterior north center					
Stucco	0201-20	None detected	Exterior southwest corner					
Stucco	0201-21	None detected	Exterior south center					
Stucco	0201-22	None detected	Exterior west center					
Stucco	0201-23	None detected	Exterior southeast					
Stucco	0201-24	None detected	Exteror northeast corner					
Gray rolled on roof core	0201-25	None detected	Roof northwest corner	Roof	6,500	SF	No	No
Gray rolled on roof core	0201-26	None detected	Roof southeast corner					
Gray rolled on roof core	0201-27	None detected	Roof center					
White pentration mastic	0201-28	None detected	Roof penetration northeast penetration	Roof	400	LF	No	No
White pentration mastic	0201-29	None detected	Roof penetration south center					
White pentration mastic	0201-30	None detected	Roof penetration southwest					
Vibration reducer	0201-31	None detected	Mechanical room on HVAC, center	Mechanical room, above ceiling spaces on air	200	SF	No	No
Vibration reducer	0201-32	None detected	Mechanical room on HVAC, west center	ducts throughout building				
Vibration reducer	0201-33	None detected	Lobby 1, center					
Duct sealant	0201-34	None detected	Lobby 1, center	Mechanical room, above	50	IF	No	No
Duct sealant	0201-35	None detected	Lobby 2, center	ceiling spaces on air				
Duct sealant	0201-36	None detected	Mechanical room, center	ducts throughout building				
Note: TSI pipe is non-sus	spected asbestos-co	ontaining materials. The i	insulation fiberglass					

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
2'x2' fissured ceiling	0202-01	None detected	M200, northwest corner	Rooms M200, elevator	3,800	SF	Yes	No
panel				lobby, stairwell lobby 2nd				
2'x2' fissured ceiling	0202-02	None detected	M101A, north center	floor, M101A, M102A,				
panel				percussion storage				
2'x2' fissured ceiling	0202-03	None detected	Percussion storage, center					
panel								
12" random peg hole	0202-04	None detected	2nd floor practice room 3,	M100B, 100C, vestibule,	4,200	SF	Yes	No
ceiling tile with mastic			center	1st & 2nd floor practice				
12" random peg hole	0202-05	None detected	2nd floor practice room 1,	rooms, M202, 2nd floor				
ceiling tile with mastic			center	foyer, vestibule				
12" random peg hole	0202-06	None detected	M100B, southwest corner					
ceiling tile with mastic								
12" fissured ceiling tile	0202-07	None detected	Library, southeast corner	Library, M100	3,500	SF	Yes	No
with mastic				·				
12" fissured ceiling tile	0202-08	None detected	Library west center					
with mastic								
12" fissured ceiling tile	0202-09	None detected	M100, northeast corner					
with mastic								
Drywall (wall)	0202-10	None detected	M200, southeast corner	Rooms M200, 201 (A-E), M202, M200A, 101A,	6,500	SF	No	No
Drywall (wall)	0202-11	None detected	M101 north center	101D, 101D 104, 103,				
D===== (==)	0000.40	Niana data ata d	N400 santhassat annas	102, percussion storage,				
Drywall (wall)	0202-12	None detected	M102, northwest corner	100B, instrument storage				

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Drywall mud (wall)	0202-13	None detected	M200 northwest corner	M200, 201 (A-E), 202,	6,500	SF	No	No
Drywall mud (wall)	0202-14	None detected	M201C south center	200A, 101A, 101D, 101,				
Drywall mud (wall)	0202-15	None detected	M202 north center	104, 103, 102, percussion				
Drywall mud (wall)	0202-16	None detected	M104 northeast corner	sotrage, 100B, instrument				
Drywall mud (wall)	0202-17	None detected	M101 southwest corner	storage				
Drywall mud (wall)	0202-18	None detected	M103 north center					
Drywall mud (wall)	0202-19	None detected	M103 northeast corner					
Drywall composite with	0202-20	None detected	M101 northeast corner					
drywall mud								
Drywall ceiling	0202-21	None detected	M200 center	Rooms M200, 201A,	2,100	SF	No	No
Drywall ceiling	0202-22	None detected	M201A, north center	201B, 201C, 201D, 201E,				
Drywall ceiling	0202-23	None detected	M201D northeast corner	200A				
Drywall mud ceiling	0202-24	1.13% chrysotile	M200, center	Rooms M200, 201(A-E),	3,500	SF	No	No
		(1000 pt.)		200A				
Drywall mud ceiling	0202-25	0.94% chrysotile	M201B, north center					
		(1000 pt.)						
Drywall mud ceiling	0202-26	1.14% chrysotile	M201C, south center					
		(1000 pt.)						
Drywall mud ceiling	0202-27	1.06% chrysotile	M201A, northwest corner					
		(1000 pt.)						
Drywall mud ceiling	0202-28	1.12% chrysotile	M200A, center					
		(1000 pt.)						
Drywall ceiling	0202-29	0.25% chrysotile	M200, northwest corner					
composite with mud		(1000 pt.)						
Grey duct sealant	0202-30	None detected	Roof HVAC, center	Roof HVAC system and	500	LF	No	No
Grey duct sealant	0202-31	None detected	Roof HVAC, north center	air ducts in ceiling spaces				
Grey duct sealant	0202-32	None detected	Mechancial room south	throughout building				

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PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

White duct sealant 0202-33 None detected Mechancial room south White duct sealant 0202-34 None detected Roof HVAC northwest throughout building with duct sealant 0202-35 None detected Roof HVAC southeast White rolled on roof core White penetration 0202-38 None detected Roof 1 northeast corner core White penetration 0202-39 None detected Roof 1 southwest penetration white penetration 0202-39 None detected Roof 2 center core White penetration 0202-40 None detected Roof 2 north east penetration White penetration 0202-41 None detected Roof 2 north east penetration White penetration 0202-42 None detected Exterior northwest Window putty 0202-43 None detected Exterior north center penetration 0202-44 None detected Exterior north center (above acoustical plaster ceiling), M100 1st floor practice room 2 practice rooms, M200B, 100B, 100C, office, girl's boy's restroom Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected Exterior north west Exterior walls behind stucco Barrier paper (on 0202-52 None detected Exterior north center Exterior walls behind stucco	Approx. (Material Location		Damage
White duct sealant White rolled on roof core White penetration More detected White penetration Whore detected Exterior northwest Window putty 0202-41 None detected Exterior northwest Window putty 0202-43 None detected Exterior north center Button board 0202-45 None detected M100 northwest corner (above acoustical plaster ceiling), M100 1st floor practice room 2 center Button board 0202-47 None detected Toof, west center Roofing debris 0202-48 None detected Roof 1 southwest Penetration Roof 2 rortheast Penetration Roof 2 rortheast Penetration Exterior northwest Exterior windows Exterior windows Exterior windows Window putty 0202-42 None detected Exterior north center (above acoustical plaster ceiling), M100 1st floor practice rooms, M200B, 100B, 100C, office, girl's Roofing debris 0202-48 None detected Roof 1 southwest Penetration Roof 2 rortheast Penetratio	500		LF No	No
White rolled on roof core White penetration More detected core White penetration Window putty O202-41 None detected core Window putty Window putty O202-42 None detected core Window putty Window putty O202-43 None detected core Window putty O202-44 None detected core Window putty O202-45 None detected core Window putty O202-46 None detected core Window putty O202-47 None detected core Window putty O202-47 None detected core Window putty O202-47 None detected core Window putty O202-48 None detected core Window putty O202-49 None detected core Window putty O202-47 None detected core Window putty O202-48 None detected core Window putty O202-49 None detected core Roof 1 northeast corner All roof levels All roof leve				
core White rolled on roof core 0202-37 None detected Roof 1 northeast corner White rolled on roof core 0202-38 None detected Roof 2 center White penetration mastic 0202-39 None detected Roof 1 southwest penetration White penetration mastic 0202-40 None detected Roof 2 north center penetration White penetration mastic 0202-41 None detected Exterior northwest Window putty 0202-42 None detected Exterior southeast Window putty 0202-43 None detected Exterior north center Button board 0202-44 None detected Exterior north center Button board 0202-45 None detected M100 northwest corner (above acoustical plaster ceiling), M100 1st floor practice rooms, M200B, 100B, 100C, office, girl's & boy's restroom Roofing debris 0202-47 None detected Mechanical room, center At roof hatch and 2nd floor ceiling space Roofing debris 0202-49 None detected Roof hatch north center Exterior walls behind stucco		tilloughout building		
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White penetration mastic				
mastic penetration White penetration mastic 0202-40 None detected Roof 2 northeast penetration White penetration mastic 0202-41 None detected Roof 2 north center penetration Window putty 0202-42 None detected Exterior northwest Window putty 0202-43 None detected Exterior southeast Window putty 0202-44 None detected Exterior north center Button board 0202-45 None detected M100 northwest corner ceiling), M100 1st floor practice room 2 center (above acoustical plaster ceiling), M100 1st floor practice rooms, M200B, 100B, 100C, office, girl's & boy's restroom Button board 0202-46 None detected 100B, west center & boy's restroom Roofing debris 0202-47 None detected Mechanical room, center Roof hatch north center At roof hatch and 2nd floor ceiling space Roofing debris 0202-49 None detected 2nd floor lobby, south center Exterior walls behind stucco				
White penetration mastic White penetration White penetration White penetration Window putty O202-42 Window putty O202-43 Window putty O202-44 None detected Exterior northwest Window putty O202-44 None detected Exterior southeast Window putty O202-45 Wone detected Exterior north center Button board O202-46 None detected M100 northwest corner Ceiling), M100 1st floor practice rooms, M200B, 100B, 100C, office, girl's & boy's restroom Roofing debris O202-49 None detected Mechanical room, center Roofing debris O202-50 None detected Exterior north center Exterior windows	400	All roof levels	SF No	No
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White penetration mastic				
masticpenetrationWindow putty0202-42None detectedExteiror northwestWindow putty0202-43None detectedExterior southeastWindow putty0202-44None detectedExterior north centerButton board0202-45None detectedM100 northwest corner(above acoustical plaster ceiling), M100 1st floor practice room 2 centerButton board0202-46None detected1st floor practice room 2 center100B, 100C, office, girl's & boy's restroomButton board0202-47None detectedMechanical room, center& boy's restroomRoofing debris0202-48None detectedRoof hatch north centerAt roof hatch and 2nd floor ceiling spaceRoofing debris0202-49None detectedRoof hatch north centerfloor ceiling spaceBarrier paper (on0202-50None detectedExterior north centerExterior walls behind stucco				
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Window putty 0202-43 None detected Exterior southeast Window putty 0202-45 None detected Exterior north center Button board 0202-45 None detected None detected Exterior north center M100 northwest corner (above acoustical plaster ceiling), M100 1st floor practice room 2 center Description None detected None detected 1st floor practice room 2 practice rooms, M200B, 100B, 100C, office, girl's boy's restroom None detected None detected None detected Roofing debris 0202-48 None detected Roof hatch north center Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected Exterior north center Exterior walls behind stucco				
Window putty 0202-43 None detected Exterior southeast Window putty 0202-44 None detected Exterior north center Button board 0202-45 None detected M100 northwest corner (above acoustical plaster ceiling), M100 1st floor practice room 2 center Button board 0202-46 None detected 1st floor practice room 2 center Button board 0202-47 None detected 100B, west center Roofing debris 0202-48 None detected Roof hatch north center Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected Exterior southeast Exterior north center At roof hatch and 2nd floor ceiling space Exterior walls behind stucco	300	Exterior windows	LF No	No
Window putty0202-44None detectedExterior north centerButton board0202-45None detectedM100 northwest corner(above acoustical plaster ceiling), M100 1st floor practice room 2 centerButton board0202-46None detected1st floor practice room 2 centerpractice rooms, M200B, 100B, 100C, office, girl's & boy's restroomButton board0202-47None detectedMechanical room, center& boy's restroomRoofing debris0202-48None detectedMechanical room, centerAt roof hatch and 2nd floor lobby, south centerRoofing debris0202-49None detectedRoof hatch north centerfloor ceiling spaceRoofing debris0202-50None detectedExterior north centerExterior walls behind stucco		1		
Button board 0202-45 None detected M100 northwest corner (above acoustical plaster ceiling), M100 1st floor practice room 2 center 100B, 100C, office, girl's boy's restroom 2 conter Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected Exterior north center Succeo		1		
Button board 0202-46 None detected 1st floor practice room 2 center 100B, 100C, office, girl's & boy's restroom Roofing debris 0202-49 None detected Mechanical room, center Roofing debris 0202-50 None detected Roof hatch north center Roofing debris 0202-51 None detected Exterior north center Succo	5,200	(above acoustical plaster	SF No	No
Button board 0202-47 None detected 100B, west center 100B, 100C, office, girl's & boy's restroom Roofing debris 0202-48 None detected Mechanical room, center Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected 2nd floor lobby, south center Barrier paper (on 0202-51 None detected Exterior north center stucco) Exterior walls behind stucco		ceiling), M100 1st floor		
Button board 0202-47 None detected 100B, west center & boy's restroom Roofing debris 0202-48 None detected Mechanical room, center Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected 2nd floor lobby, south center Barrier paper (on 0202-51 None detected Exterior north center Stucco) Exterior walls behind stucco				
Roofing debris 0202-49 None detected Roof hatch north center Roofing debris 0202-50 None detected 2nd floor lobby, south center Barrier paper (on stucco) Roofing debris 0202-51 None detected Exterior north center Stucco		100B, 100C, office, girl's		
Roofing debris 0202-49 None detected Roof hatch north center floor ceiling space Roofing debris 0202-50 None detected 2nd floor lobby, south center Barrier paper (on stucco) 0202-51 None detected Exterior north center Exterior walls behind stucco		& boy's restroom		
Roofing debris 0202-50 None detected 2nd floor lobby, south center Barrier paper (on 0202-51 None detected Exterior north center stucco) Exterior walls behind stucco	18,000	At roof hatch and 2nd	SF No	No
Barrier paper (on 0202-51 None detected Exterior north center Exterior walls behind stucco) stucco		floor ceiling space		
stucco) stucco				
stucco) stucco	6,300	Exterior walls behind	SF No	No
Barrier paper (on 0202-52 None detected Exterior northwest corner	-,			
, , , , , , , , , , , , , , , , , , , ,]		
stucco)				
Barrier paper (on 0202-53 None detected Exterior southeast corner stucco)		1		

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Acoustical wall panel	0202-54	None detected	M100, northwest corner	1st & 2nd floor practice	3,000	SF	No	No
board				rooms, M100, M202,				
Acoustical wall panel	0202-55	None detected	1st floor practice room 1	M200				
board			center					
Acoustical wall panel	0202-56	None detected	2nd floor practice room 3					
board			center					
Rough wall plaster	0202-57	None detected	M200B southeast corner	M200B, library, 105D, 1st	3,800	SF	No	No
Rough wall plaster	0202-58	None detected	Library east center	floor practice rooms, 100B, 100C, M100, office				
Rough wall plaster	0202-59	None detected	Library west center	girls & boys restroom,				
Rough wall plaster	0202-60	None detected	Electrical room north center	storage, electrical room				
Rough wall plaster	0202-61	None detected	Boy's restroom, north west					
Acoustical plaster	0202-62	None detected	M100 southwest corner	M100, 1st floor men's &	5,200	SF	No	No
ceiling				women's restroom,				
Acoustical plaster	0202-63	None detected	1st floor practice room	l.ibrary, 1st floor pratice				
ceiling			center	rooms, M200B, 100B,				
Acoustical plaster	0202-64	None detected	100B west center	100C, office, girl's & boy's				
ceiling				restroom (above 12"				
Acoustical plaster	0202-65	None detected	100C southeast corner	fissured ceiling tiles and				
ceiling				12" random peg hole				
Acoustical plaster	0202-66	None detected	Girl's restroom northwest	ceiling tile 1st floor)				
ceiling			corner					
Acoustical plaster	0202-67	None detected	Boy's restroom south center					
ceiling								
Acoustical plaster	0202-68	None detected	M200B north center					
ceiling								

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472
PROJECT NAME: HAMOHI - HVAC

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2'x4' fissured ceiling panel	0202-69	None detected	M101 north center	M101, 2nd floor lobby	2,600 SF	Yes	No
2'x4' fissured ceiling panel	0202-70	None detected	M101 northwest corner				
2'x4' fissured ceiling panel	0202-71	None detected	2nd floor lobby, center				
Stucco	0202-72	0.15% chrysotile (1000 pt.)	Exteiror north center	Exterior walls	6,300 SF	No	No
Stucco	0202-73	0.22% chrysotile (1000 pt.)	Exterior northwest corner				
Stucco	0202-74	<0.1% chrysotile (1000 pt.)	Exterior southeast corner				
Stucco	0202-75	<0.1% chrysotile (1000 pt.)	Exterior west center				
Stucco	0202-76	<0.1% chrysotile (1000 pt.)	Exterior southwest corner				
Stucco	0202-77	<0.1% chrysotile (1000 pt.)	Exterior east center				
Stucco	0202-78	0.15% chrysotile (1000 pt.)	Exterior northeast corner				

CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty	. Friable	Damage
Drywall (new patch work)	NPS01	None detected	Previously sampled	N16, basement office, storage, N112, N108, N106n N102, N104,	24,000 S	F No	No
Drywall (new patch	gym-01	None detected	N106, northwest corner	N110A, N100B, N101, N121, N120, N125, N127,			
work)	gym-o'i	None detected	N100, Hortilwest come	N126, N128, N105, N103, N129, N131, N109, N109, N113, N111, N162, N160, N201, N200, N200A,			
Drywall (new patch work)	gym-02	None detected	SG100 southeast corner	N201, N201A, P100, P111, PP112, P113, SG16A, SG16, basement			
Drywall joint compound	NPS02	None detected	Previously sampled	Corrdidors, SGB16B, SG14, SG15, SG11,	24,000 S	F No	No
Drywall joint compound	NPS03	None detected	Previously sampled	SG102, SG102A, SG10, SG100, south gym			
Drywall joint compound	NPS04	None detected	Previously sampled	corridors, 1st & 2nd floor			
Drywall joint compound	NPS05	None detected	Previously sampled]			
Drywall joint compound	NPS06	None detected	Previously sampled]			
Drywall joint compound	NPS07	None detected	Previously sampled	1			
Drywall joint compound	NPS08	None detected	Previously sampled	1			

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
2'x4' fissured ceiling	NPS10	None detected	Previously sampled	Basement office,	3,600 SF	No	No
panel				basement storage, N100,			
				N113, N140, North gym,			
				northeast and southwest			
2'x4' fissured ceiling	gym-03	None detected	N140 north center	stiarwell, SG16A, SG16,			
panel	gyiii-03	None detected	N 140 HOILII CEILLEI	southeast corridors			
parier				(basement) SGB16B,			
				SG14, SG15, SG110,			
				SG11, SG13, SG120A,			
2'x4' fissured ceiling	gym-04	None detected	SG 102 south center	SG102, SG102A, SG206,			
panel				SG205A, SG102			

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Plaster	gym-05	None detected	N162 north center	Basement northwest	31,000 SF	No	No
				stairwell, N112, N115, 1st			
Plaster	NPS12	None detected	Previously sampled	floor, northwest stairwell,			
1 100101	1 0.12	Trono dotoctod	l reviewely cumpled	N110, N100, N123, N140,			
				N162, N160, N150,			
Plaster	NPS13	None detected	Previously sampled	basketball court, N135, NG220, N206,N210,			
				N211, N212, north gym,			
Plaster	NPS14	None detected	Previously sampled	east mechanical room,			
			, ,	ticket booths, SG11,			
Plaster	NPS14A	None detected	Previously sampled	SG10, SG13, south gym			
riastei	INPO 14A	None detected	Previously sampled	southeast and southwest			
				stairwells, SG205,			
Plaster	NPS15	None detected	Previously sampled	SG206, 2nd floor			
				southeast and southwest			
Plaster	NPS15A	None detected	Previously sampled	halls, SG205A, SG200,			
i idotoi	111 0 1071	Trono dotoctod	l reviewely cumpicu	SG201, SG200A, SG200,			
				SG203			
		•	estos) was resampled in the s			reported as	non-
detected. Based on thes	se results, it is interp	reted that the previous re	sults was not normal and not	representative of the matera	illS.		
12" random peg hole	NPS14	None detected	Previously sampled	North gym basketball	3,700 SF	No	No
ceiling tile with mastic			, ,	court, south gym			
(on walls & ceilings)				basketball court, south			
12" random peg hole	gym-06	None detected	Southeast stairwell, west	gym southeast stairwell,			
ceiling tile with mastic			center	SG205, north and south			
(on walls & ceilings)				gym buildlings			
12" random peg hole	gym-07	None detected	Basketball court, north				
ceiling tile with mastic			center				
(on walls & ceilings)							

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx.	Qty.	Friable	Damage
Drywall (ceiling)	NPS18	None detected	Previously sampled	North and south gym side seating areas, basketball	12,000	SF	No	No
Drywall (ceiling)	gym-08	None detected	North gym seating area, center	court (above 12" fissured ceiling tile), SG206, north/south gyms,				
Drywall (ceiling)	gym-09	None detected	Basketball court, northwest corner	stairwells, basketball court				
12" fissured ceiling tile with glue	NPS23	None detected	Previously sampled	Northeast stairwell north gym, south gym, stairwell,	12,700	SF	No	No
12" fissured ceiling tile with glue	gym-10	None detected	Northeast stairwell, west center	SG206, basketball court, north and south gym side				
12" fissured ceiling tile with glue	gym-11	None detected	SG206, northeast corner	seating areas				
2'x4' smooth ceiling panel	NPS24	None detected	Previously sampled	Pool area, south side	7,500	SF	No	No
2'x4' smooth ceiling panel	gym-12	None detected	Pool southwest corner					
2'x4' smooth ceiling panel	gym-13	None detected	Pool southeast corner					

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Stucco with barrier	NPS28	None detected	Previously sampled	North center gym exterior	17,000 SF	No	No
paper				walls, garage area,			
Stucco with barrier	NPS29	None detected	Previously sampled	exterior walls south gym,			
paper				elevator shaft and			
Stucco with barrier	NPS30	None detected	Previously sampled	northwest side to pool			
paper				building			
Stucco with barrier	NPS31	None detected	Previously sampled				
paper							
Stucco with barrier	NPS32	None detected	Previously sampled				
paper							
Stucco with barrier	NPS33	None detected	Previously sampled				
paper							
Stucco with barrier	NPS34	None detected	Previously sampled				
paper							
Stucco with barrier	NPS35	None detected	Previously sampled				
paper							
Duct sealant (grey)	gym-14	None detected	Electrical room on duct	Room SG16B, electrical	800 LF	No	No
			center	room and on air ducts			
Duct sealant (grey)	gym-15	None detected	electrical room on duct north	throughout buildling and			
			center	roofs			
Duct sealant (grey)	gym-16	None detected	Roof HVAC center				

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CLIENT: Santa Monica Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. C	Qty.	Friable	Damage
Drywall with mud	gym-17	0.17% chrysotile	Northeast stairwell, center	Above fissured ceiling	12,700	SF	No	No
(ceiling) composite		(1000 pt.)		tiles, northeast stairwell,				
				north gym, southeast				
				stairwell, south gym,				
				north and south gym				
				seating areas, basketball				
				court				
Drywall mud (ceiling)	gym-21	0.67% chrysotile	Northeast stairwell, east					
		(1000 pt.)	center					
Drywall mud (ceiling)	gym-22	0.87% chrysotile	Northeast stair well,					
		(1000 pt.)	northwest corner					
Drywall mud (ceiling)	gym-23	0.89% chrysotile	Southeast stairwell, center					
		(1000 pt.)						
Drywall mud (ceiling)	gym-24	1.04% chysotile	Southeast stairwell, north					
		(1000 pt.)	center					
Drywall mud (ceiling)	gym-25	0.90% chrysotile	North seating area, north					
		(1000 pt.)	center	1				
Drywall mud (ceiling)	gym-26	0.89% chrysotile	Basketball court, northwest					
		(1000 pt.)	corner	1				
Drywall mud (ceiling)	gym-27	0.89% chrysotile	Basketball court, northeast					
		(1000 pt.)	corner					
Gravel roof core	gym-28	None detected	Pool roof, southwest corner	Roof above pool	5,000	SF	No	No
				1				
Gravel roof core	gym-29	None detected	Pool roof center	1				
Gravel roof core	gym-30	None detected	Pool roof northeast corner					
Gray patch mastic	gym-31	None detected	Pool roof, north center	Patch work throughout all	200	SF	No	No
Gray patch mastic	gym-32	None detected	Roof 1 northwest corner	roof levels				
Gray patch mastic	gym-33	None detected	Roof 2 north center					

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PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym building

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty.	Friable	Damage
Gray rolled on roof core	gym-34	None detected	Roof 1 north center	All roof levels except for pool roof	20,000 SF	No	No
Gray rolled on roof core	gym-35	None detected	Roof 1 southeast corner				
Gray rolled on roof core	gym-36	None detected	Roof 2 center				
White penetration mastic	gym-37	None detected	Roof 1 northeast penetration	All roof levels except for pool roof	500 SF	No	No
White penetration mastic	gym-38	None detected	Roof 2 southwest penetration				
White penetration mastic	gym-39	None detected	Roof 2 north center penetration				
White/grey duct sealant	gym-40	None detected	Roof HVAC roof center	On roof HVAC and air ducts throughout building	800 SF	No	No
White/grey duct sealant	gym-41	None detected	Roof HVAC roof north center				
White/grey duct sealant	gym-42	None detected	Roof HVAC roof 2 center				
TSI pipe insulation	N/A	N/A	N/A	Fiberglass pipe insulation on pipes throughout buildling (no need to sample)	950 SF	No	No

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Client:	SMMUSO	Limited Survey : ceilings/ceiling spaces,	Technician:	Jorge Robles			
Project No.:	SMSD-18-7472	interior/experior walls		1/31/18	-		
Project Name:	SAMOHI.	Noth South Gyun	Page:	(of	5	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		New Patch)	P.S. Ney	MPS 01.	NIO, Basement office, Storage, NII2 NIOB, NIOB, NIOZ, NIOI, NIOA, NIOB,	24000ff2	N	N
		work	941-01	NIOG, NINCOME	NIOI, NIZI, NIZO, NIZS, NIZT, NIZG, MIZS, NIOS, NIOZ, NIZG, NIZI, NIOG, NIJZ, NIII,			
			-02	Strico SE corner	N/62, N/69, NO1, N200, NOOA, NOI, NODIA,	1		
		Drywall 57.	P.S.	NPSOZ-PNBO8	SG10, SG 100 South Sym 1000 dors 14	102, SCA	love	
		2' xy' F55-d	P.S.	NPS 10	Basement office, basement storage, MOO M13, M40, Nort gym, NE & INStaine	2.0	N.	V
			94m-03	N140, N ct1	SG16A, SG16, SE LGARIDORS (BESEINELD) SGB16B, SG14, SG15, SG10, SG11, SG13	1		
				54102, 5 ctr	5 6, 120A, 56102, SG102A, S6206, 56205A, 36, 102			
		Plaster	P.S.	NPSII (Sasement No	Basement NW Stainell, NII2, NII5, 1st floor NW Ith west &) Starwell, MIO, NIO, NIZ, NIYO	3/00aff2	N	N
Resau Same Lo		at .	94n-05	MG2, NCH	NG2, M60, M50, BBullion +, N135, NG220 NO, 1210, W21, NUZ, North gympast			
		+	Ps. Neg	NPSIZ TANPSIZ, NPS	Mech Rm, ticket booths, & G 11, SG10, SG13, TT, South gym SE & Sw stairmils, 662	5		

NPS14A, NPS 15- NPS 15-AT SG 200, 2nd Floor SE & Sw na/1s,
SG 205A, SG 200, SG 201, SG 2004, SG 200
SG 203



Client:	Sumso		•	Technician:	Jorge Robles		
Project No.:	SMSD-18-7472	·		Date:	1/31/18		
Project Name:	SAMOHI	Noth South	hyun	Page:	2	of	5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		12" Randon Paghol C.T. W/Moste	Nei	NP514	North gym, bball court, south gym BBall court, South gym, SE stairwell	3700F12	N	N
		(on was & ceiling)	94m-06	SE stairmell, wetr	SG205, N&S gym Slolgs			
			94m-07	BBall court, Net				
		Drywall (ceiling)	P.S. Neg	N PS[8	North & South gym side seating areas, BBall court (Above 12" fixe-2	20001	·N	N
			94m -08	North gym scutting area, C				
		+	gym-09	BBall cont, NW coin		1		
	_	(2" fiss-d	P.S. Neg	MPSZZ	NE strivuell North gym, South gym stairnell, SG 206, BBall court,	37 0042	N	N
		v=/\al-1	9ym -6	NE stairwell, water	North & South gym side seating areas,			
		a	B\$-11	SG200, NE corner				



Client:	SUMUSO		Technician:	Jorge Robles		
Project No.:	SMSD-18-7472		Date:	1/31/18		
Project Name:	SANOHI	North/south gym	Page:	3	of	5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		2'x4' Swooth Celly favel	P.C. Nos	NPSZ4	Pool area, south side	2500F2	N	N
			9ym-12 1-13	1 SE corner		1	8	n
=		ofucco wBom/pe	P.S.		Netr gym exterior walls, garage greatexteriorwalls gouth gym, ellevator shaft	17000 F-2	v	N
					A NW side to pool blog.	1		
		fluct Sealant (grey)	-75	+ + Netr	Run SG16B elec. (m. and on air ducts throughout bidg & Rooks	800/rf4	N	N
			+ -16	Roof HVAC, C+1		7		
		Occiling Compos	-17	NE Starwell, Ct	above fisswed Ceiling parels, NE stairwell Worth gym, SE	12,700.47	N	N
		Doywatt (ceiling)	-18		Stairnell south sym, SGZOC	(2700H2		N
		JR	-20		seating areas			
		U						



Client:		SMNUSO	Λ.	spestos i leiu buik oampie	Technician: Jorge 6	Robles
Project No.	·.:	SMS10-18-7	472		Date: 1/3//18	2
Project Na	me:	Amolli		both Souter gyan	Page: 4	5
nogenous	Photo	Material	Sample #	Sample Location	Material Location	Est. F

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywell mud	9ym -21	NE stairnell e ctr	Above Command Collins - Charles ME	1270043	N	N
		(ceiwng)	-22	I un corner	Stairnell, Ngym, SE stairwell) Sgym N&S gym seating areas, BBall court			
			13	SE stairmen, cfr	1567206			
			24	l .			= 4	
		i. 1	15	North searing area, Nets				
				BBd \ court, Mucorne	1 1			13
			-27	+ NE corner		1		
	•	Grand Roof Core	-28	POOL ROOF SW corner	Roof above poch.	2200ff	<i>N</i>	N.
			-29	C+r			:1	
			-30	- NE corner		1		
		gray patch maste	-31	poolsoof, Net	patch work throughout all roof levels	200f+2	N	N
			-32	Roof 1, NW coince				
				roof 2 Netr				23
								::
		*	4.7			,82		



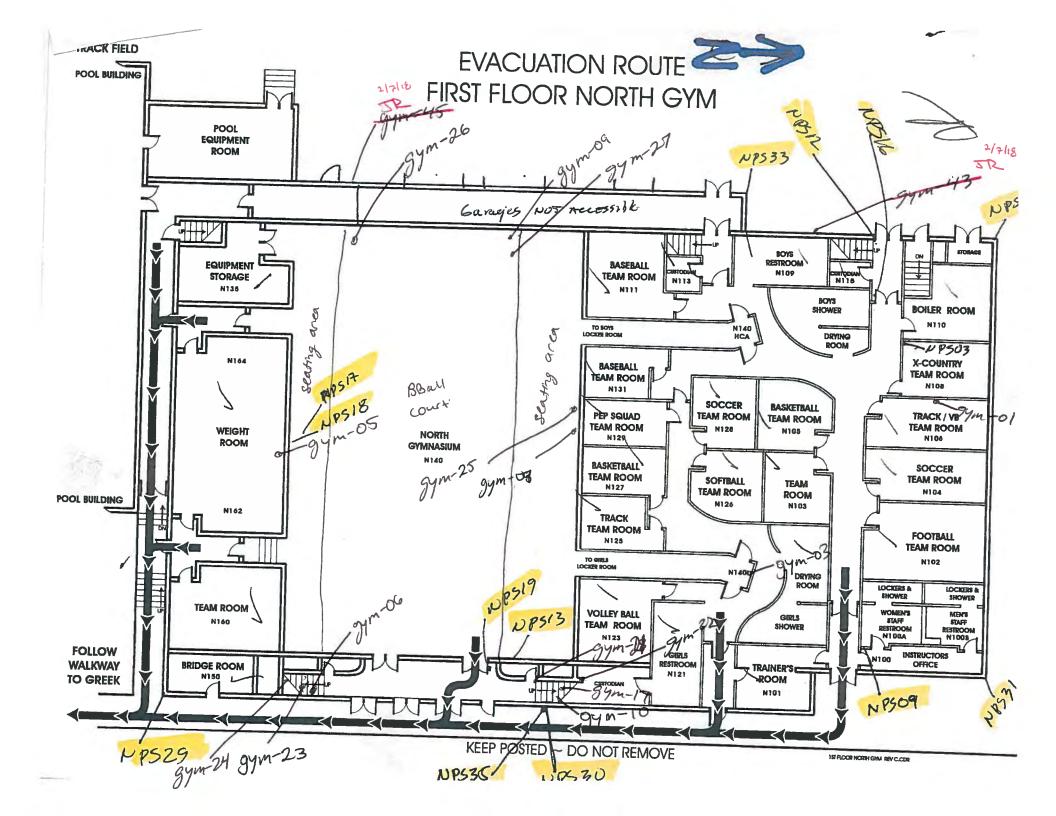
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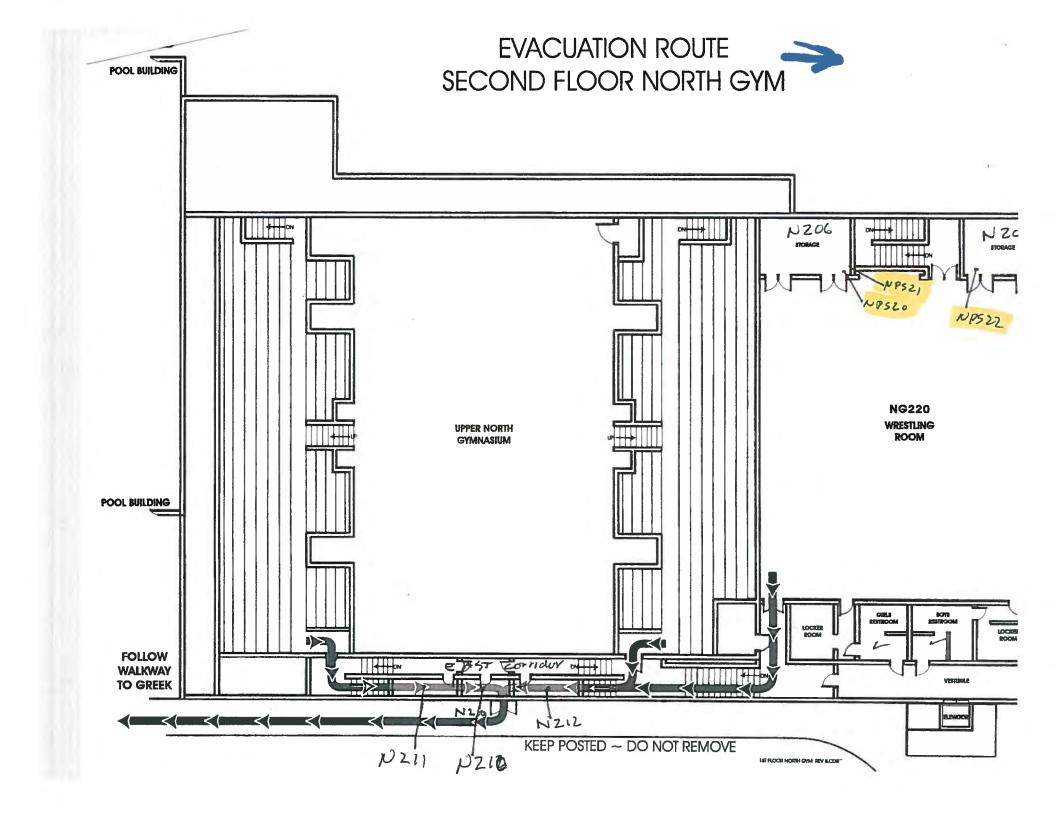
SMMUSO

Asbestos Field Bulk Sample List

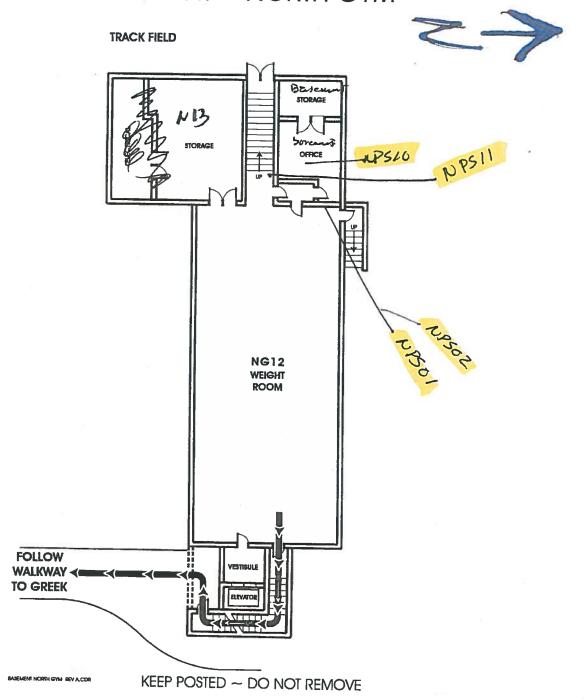
Technician: (

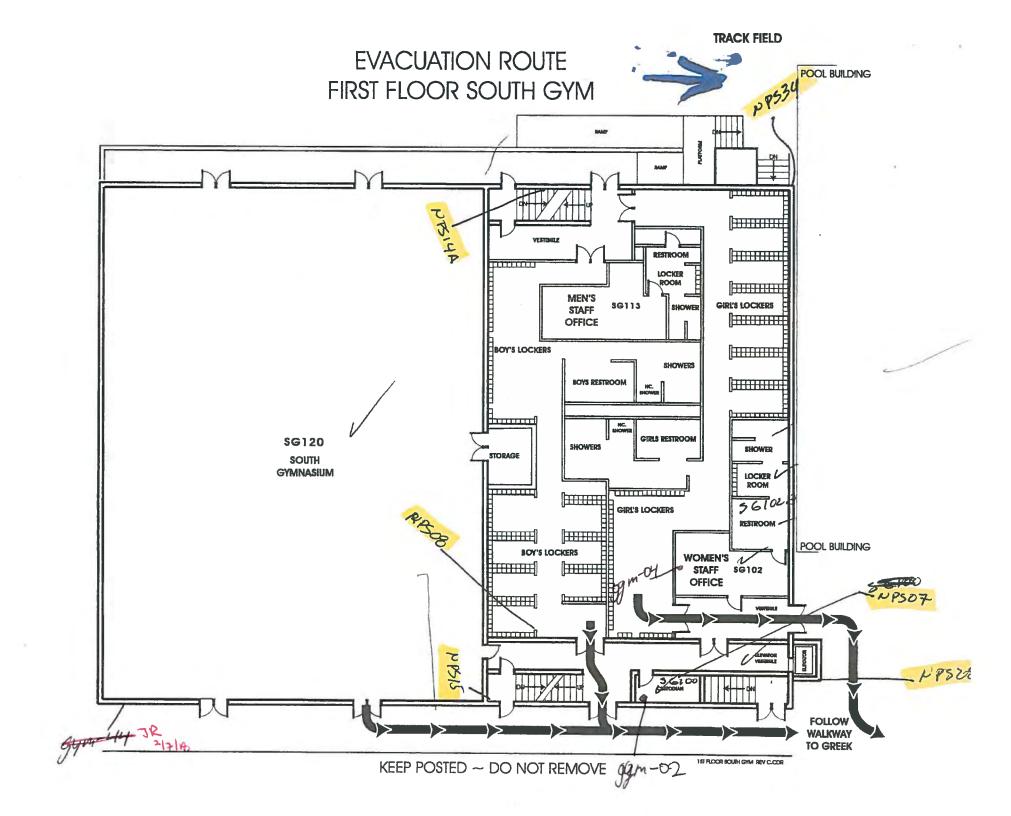
Project No.	: _ <u>5</u>	MSD-18-7472		, ,	Date: 1/31/18			
Project Na	me: _ <i>5/</i>	7moH1	Nol	th/South gign	Page: 5		5	-
lomogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		pray rolledon	gym-34	Roof , Netr	All food levels except for pool roof	2000H2	N	N
			-35	1 SE corner				
			-36	Roots, ctr	. 1	1		
		white penetration		Roof 1, NEpen	All coof levels the	500 +x2	N	~
			-38	Roof 2, Sw peg		11		
			-39	1 , Netr yen	J	-		
		unite grey Ouch Sealant	-46	Roof HVAC ROOF C+	Dy roof HVAC and air ducts throng	wet 800/2	F+ N	N
			~41	1 Netr				-
			-42	Robf HVAC ROOF2, Ct	. —			
						1		
		TSI pla insulation			Fiberglass pipe insulation on Pipes	950 HZ	N	N
					throughout bldg & No need to Sample			
		wholes putty	-43	Execut Awwindow	s Exterior windows	300 Inft	N	~
	10	Lingon W	-44	SE window		f.	i	
			1-45	- WINGO			1	F

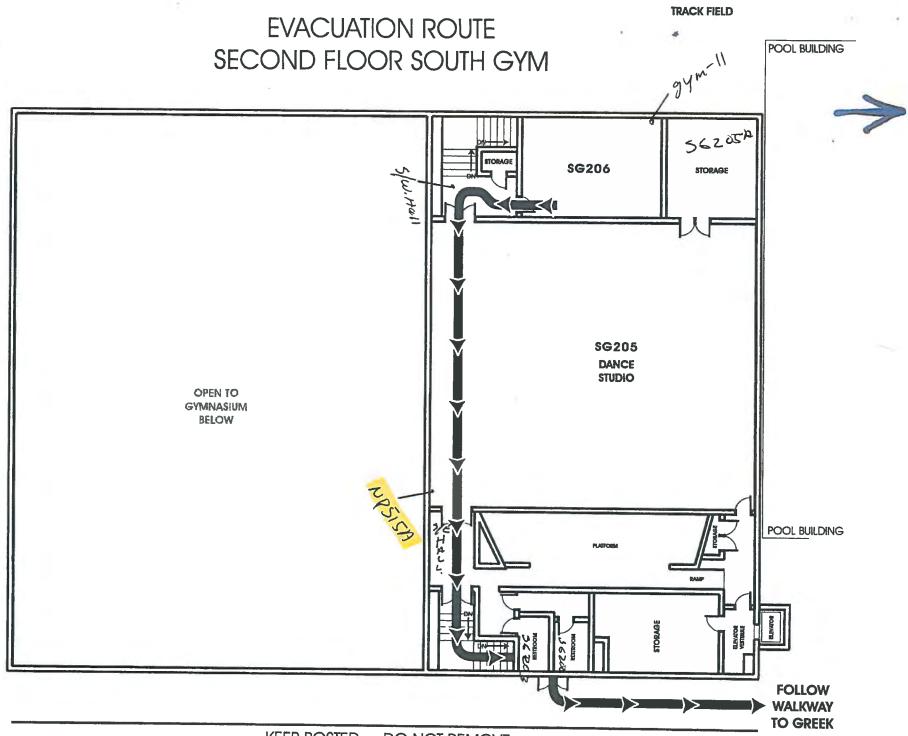


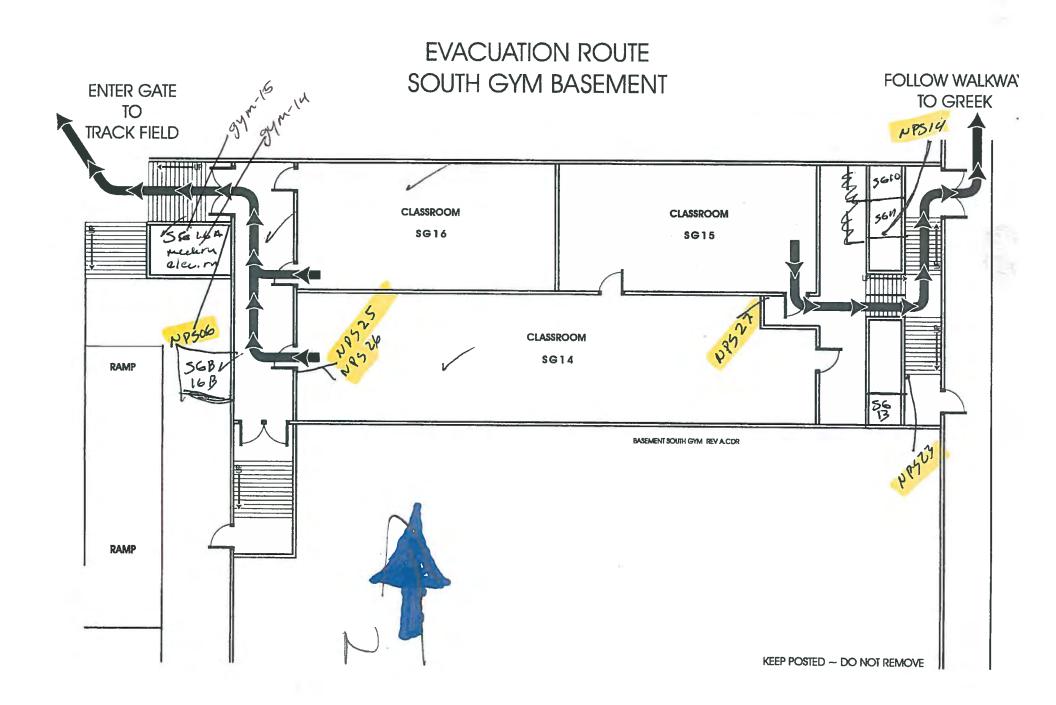


EVACUATION ROUTE BASEMENT - NORTH GYM

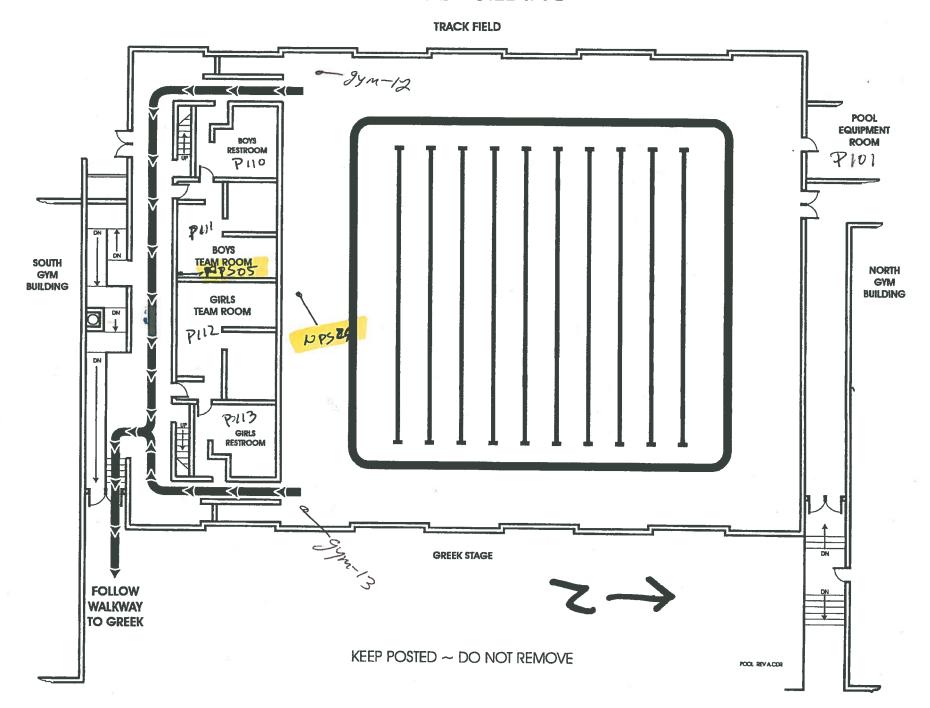


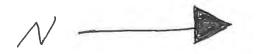


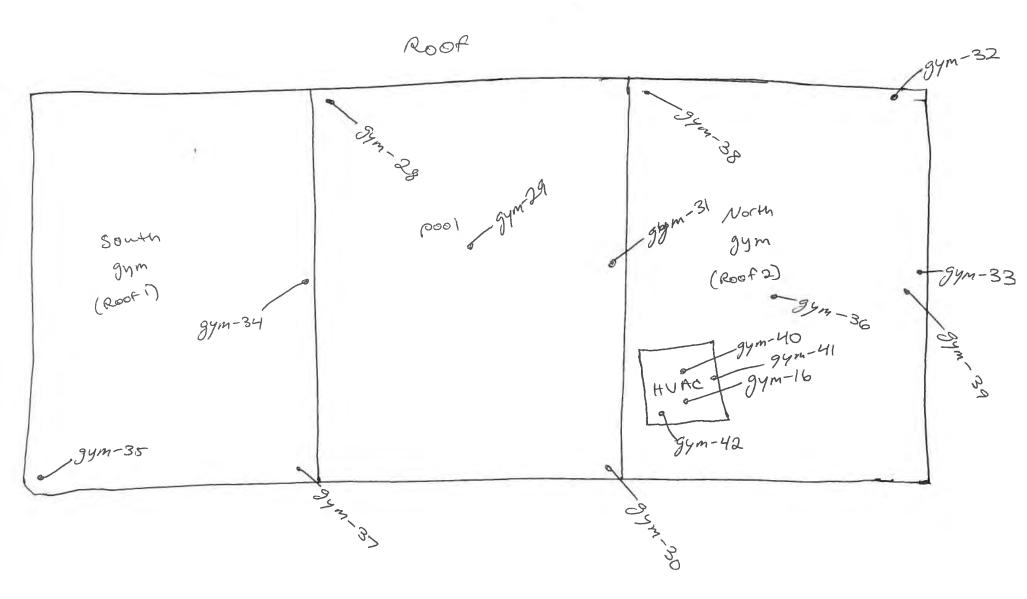




EVACUATION ROUTE POOL BUILDING









Client:	SMMUSO	Limited Survey: Ceilings/ceiling spaces, cours	Technician: Jorge Robles	
Project No.:	SUSD-18-7472		Date: 2/2/18	
Project Name:	SAMOHI	Music Bidg	Page:	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		21x21 Fissured Ceiling Panel	0202-01	M200, Nucorner	Rms M200, elevator lobby, stairwell lobby 2nd floor, M101A, M102A, percussion storage	380042	y	N
			-02	MOIA, Wete	percussion storage	1		
	- 4		-03	percussion storage ctr		1		
		12" Random Reghat	-04	2nd Acor prac. Rm 3, ct	MIDOB, 1000, vestillade, 1st & 2nd floor practice rooms, M202, 2nd froor Royer, Vestilance	42004,2	Y	N
		w/ mastic	-05	2nd floor prac du 1, ctr	vestibuce	1		
				MOOB, SW corner				
						-		
		12" Fissured ceiling tite	-07	library, SE corner	library, Mloo, wester.	35004	2 4	N
		w/ mastic	-08	+ w ctr				
			-09	MIDO, NE come	1	1		
		Orgwall	-10	MADO, SE COURS	Rus 11200, 201 A, B, C, O, E, M202, MCOO, 101A, 1010, 101, 104, 1073, 102, percussion storage	6500fi	N	N
		(wall)		MIOI N CH	Storage , 100 B. instrument storage	1		
				MIOZ, NW Worner	1	+		
				lan area				



Client:	SMMUSD		Technician: Jorge Robles
Project No.:	SMSO-18-7472		Date: 2/2/18
Project Name:	SAMOHI	Musse Blog	Page: 2
		,	· ·

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est	-	D
		Dryworll Mind	0202-13	M200 NW corner 1	1010,101,104,103,102, percussion		42 N	N
		(weell)		MZOIC S'CAR	storage, 100B, instrument storage			
			1 1	M202 NCtr		\Box		
			-/6	MIOY NE come				
		+	-17	M/OI SW corner				
			1 1	MO3 N cte			-	-
			-/9	M/03 NE corner		1	-	
	,	Drywall composite w/ drywall mud	-20	MIDI NE corner	+	6500	42 N	N
		w/ drywall mind		1845		1		
		Drywall ceiling	-21	M200 etr	Rus 11200, 201A, 201B, 201Cy 2010, 201	E 32004	- 1 22 1	N
				MOLA, Net	2007, 200		7	
			1-23	M2010 NE corner	1	17	_	1



Client:	SMMUSO		Technician: Jorge Robles
Project No.:	SMSD-18-7472		Date: 2/12/1/8
Project Name:	SAMOHI	Music Bldg	Page: 3

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall Mud	0202-24	M200, ctr	Rms M200, 2018, B, C, P, E, 200A	350043	N	N
		0	1 1	M201B, NC+				
				1201c, 5 Ctr				
			-27	M201A , Mucorne				
				MRODA, CH		1		
		Composite	1 1	M200 NW corner	1	3500 4	N	N
		uf mad		1		1		
		Grey Ouet sealant	-30	Roof HVAC Ctr	Roof HVAC system and air ducts	500 mg	N	N
	1400		-31	1 Netr	In wing spaces through out solg			
			-32	Mech Run & Ctr		1		
		White Ouch Sealant		Mech Rm S Ctr	-	500/n4	N	N
			-34	Roof HIAL NW	·			
			L-35	L SE	1	17		
			1					



Client:	SMUUSD		Technician: Jorga Rot	iles
Project No.:	SMS10-18-747	2	Date: 2/2/18	
Project Name:	SAMOHI	Music Blog	Page: 4	<u> </u>

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	=	Coof core	-36	Roof 1 Ctr	All Roof levels	18000 14	N	N
v a			-37	1 NE corner	,	4		
	D		-38	Roof2, Ctr.				A
		waite peretrations mastic			All root levels	400 ft2	N	N
				Roof 2 NE pen	1	1		
			-41	1 .	1	1		(
		window putty	-42	exterior NW	Exterior Windows	300/nf+	N	N
	•		-43	SE		1	B	=
		e	-44	I Net		1	2	
		Button Board	-45	<u> </u>	fabore acoustical plaster ceiling) MIC 1st flow practice cms, MROOB, 100 B, 1000	520042	N	N
·			-46	1st floor practice Rm 2, ch	office, girls & Boy's RR			F1 13
				100B, w ch				
ā		roofing Debris	*	Mech Rm, ctr	At hatch and 2nd floor ceiling	1800042	N	N
×		Ů		Root hatel Notr	Space			
				2nd floor lobby, 5 ct		55	ä	



Client:	SMMUSD		Technician: ﴿	Jorge Robbes
Project No.:	545D-18-T	1472	Date:	2/2/18
Project Name:	SAMOHI	Musi- Blog	Page: _	5 6

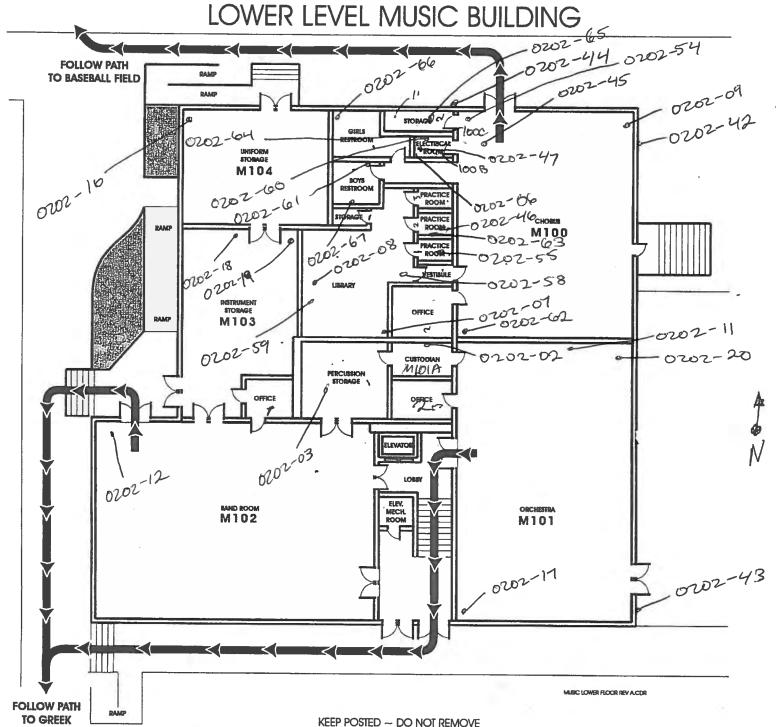
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		(Din stuno)	0202-51	EXECTOR NEAR	Exterior walls behind stucio	630042	N	N
			-52	I NW come				
			-53	1 SE corner		-		
		Acoustical wall panelsoard	-54		15+ \$ 2nd Hoor practice rooms, M100, M202, M200	300047	N	N
			-55	1st floor gractice cm 1 ctc				
			-51	2 1 6		1		
		Rough wall	-57	MIDOB SE COME	M200B, library, 105D, 1st floor graces cooms, 100B, 100C, M100, office girls & boys RR, storage, elec RM	3800A	N	N
	,		-58	library Ectr	girls & boys RR, storage, elec am			
			-59		1			
			-60	elec Rm, Netr				
			1 1	Boy's RR, NW com	1	1		
		Houstical plaster ceiling			MICO IST TOOK MADES & LIAMING MA	520047	N	N
				15 Hoor practice im 2 4	MOOB, LOOP, 100 C, Office, GINS &	1		
			11 (1)	100B W Ctr	(above 12" Fissured Ceiling tiles) and 12" Random pequale Cit. 1st floor			
			- C/5	girl's RR NW come		1		
				1 100ys ren 5 CAY		ترنــــــــــــــــــــــــــــــــــ		



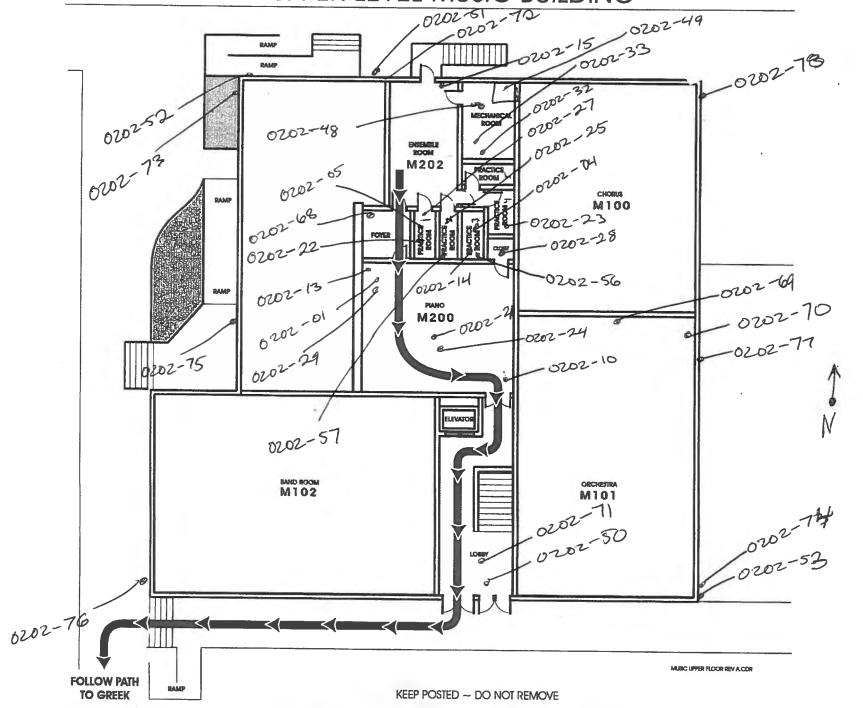
Client:	SMMUSO		Technician: Jorge R	obles
Project No.:	SUBD-18-7472		Date: 2/2/18	
Project Name:	SAMOH,	Music Bldg	Page: 6	6

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	, F	D
		ceiling panel	0202-69	MIOI Net	M101, 2nd Hoor looking	2600FP	Y	N
			-70	1 NW corner				
		1	-7/	2nd floor lobby cfr	+	7		2.
×Î		Stuco	-72	Exterior Nets	Exterior walls	63004	·N	N
			-73	NW corner	l (
ë		10	-74	SE corner				í2
			-75	Wetr				
		21	76	1 4				
	110		-77	25	4			
			78	I NE corner		1		
						1		
			٥		•			:1
	\$							
		Ga Can						
			· ·	P7				

EVACUATION ROUTE



EVACUATION ROUTE UPPER LEVEL MUSIC BUILDING



Music Oldy Roof -0202-40 0202-31 0202-37 0202-30 HRAC

0202-39



Client:	SMMUSD	Limited Survey: Roofs, Ceiling/cei	Technician:	Jorge Robies			
Project No.:	SMSD-18-7472	interior/exterior walls	Date:	1/30/1	8		ę
Project Name:	SAMOHI	Language Library Bldg	Page:		of	5	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Silver Roading	P.S. Neg	Lh1201-203	Roch	1/000f+2	N	N
3		Base fleshing Row Panels	P.S.	LL1301-0/303	Roa	300ft2	N	N
		Exter Staces Wall Keiling	P-S. Pos.tva	L L1401-P1403 2L 1501-P1505-	Exten walls and overhang	9500H2	2N	N
		Collug Accor Panels	P-5. Postva	LL1601	Rm L104 the L116, Ru L204 the L20	200	N	N
-		Prof Insulation Grypsum Ceilus	P.S.	LL0361-0110303	Caridas NA	100002		N
	•		Ney	Lh 2001. the LL 2003		190042	./0	
		Lough Plante	ρ.ς.	LL 0501 -> LL 0503	Mach Rus	950 54/4	٠ بر	2



	_					
Client:	SMMUSO		Technician:	Jorge Robles		
Project No.:	SMS0-18-7472		Date:	1/30/18		
Project Name:	SAMOHI	language / library Blog	Page:	12	of	5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Gypsun Bad walls	P.S. Neg	LL 1001-P1003	L108, L106, L113, L115, L116	1800	~	در
		Drywall	P.S. Ney	Lo3, L13,	RRS, LZ08B, LZ06B, LZ06A, LZ07A, LS1070, L123 A, L107A,	3500	Ч	7
			0130 01	423A N CH EURO 92 L 117B N CH	L114, L117, L1178, L117C		-	
		It. Copd	P. S.	LGY, L13-17			V.	8
		1,	7 6 2/	L16				
			- 04					
			b 06					



Client:	SMMUSO		Technician:	Jorge Robles			
Project No.:	SMSD-18-7472		Date:	1/30/18	<u> </u>		
Project Name:	SAMOHI	Language	Page:	3	of	5	

Photo #	Material	Sample #	Sample Location	Material Location	Est.	F	D
	HUAC J.L.	₽.\$.		2nd floor ceiling spaces throughout			
		Ney	2nd Henr corridor		5042	N	1./
	Sa	0130- 03	an ctron	HVAC		1	1
		0130 08-		HUAC			
			O E			4	
	Smooth Plaste	-		Inter - thoghout	1	2	1
		1084	LL0101-08709				_
	12" Randon Popula	P.S.		LZ10, LZ08, Caridas 1206, L207,	1950		1
	C.T. Walue	Neg	LL 0901-PLL 1003	L107, L105, L106, L107, 408, 4108A,	SCK		
			***************************************	409, LILY, LIIS, LIIB, LII8			
	12" Fres - 1 CTI	P.S.		1+ - 2 d How Cristians	1750	٠,	~
	"/Glue	Ney	408		4 ك= د		
		0130-05	1st floor corridor			1 .	1
		1				1	\coprod
		1 200					11
		<u> </u>	Ectr				
		# HUAC J.t. La-p-d Sa Sa Sucott Plaste 12" Randan Popholo L.T. Walne	# HUAC J.t. P.S. La-q-d Ney Su oBo 03 OBO 03 Sucott Plate P.S. Ney 12" Randon Popholo P.S. L.T. Walne Ney 12" fres-J C.T. P.S. Walue Ney 0130 05 12" fres-J C.T. Ney	# Material Sample # Sample Location HUAC J.F. P.S. Log Neg Log Such Hoor corridor OBO 03 P. CHT on OBO 03 P. CHT on OBO 04 P.S. LLOTOI-DOTOR 12" Face J. CTI P.S. LL 0901-PIL 1003 12" face J. CTI P.S. Value Neg Log Value Neg Lo	# Material Sample # Sample Location Material Location HVAC J. F. S. 2nd floor ceiling spaces throughout Leg 2 2nd floor ceiling spaces throughout Leg 2 2nd floor ceiling spaces throughout Sau 0800 03 2nd floor corridor The floor of the floor corridor Next 1200 person Leg 200 per	# Material Sample # Sample Location Material Location City. HVAC Jt. P.S. 2nd floor ceiling spaces throughout Soft2 See OBO 07 Intheorization of HVAC Iz Feed Point P.S. Letton person of Love Location of Location	# Material Sample # Sample Location Material Location Oty. F Hyte Jt PS. Los 2nd floor ceiling spaces throughout Soft No. Source Office of J. Cer on Hyac Office of J. Cer on Hyac Should flight for sorder No. Lector-person Iz fand frylde P.S. Lietor-person Iz fand frylde No. Lietor-person Lietory, Loss, Local Location No. Lector-person In the Loss Location No. Lector-person It for Loss Location No. Lector-person It for Loss Location No. Lector-person It for Location No. Lector-person No. Lector-person It for Location No. Lector-person No. Lector-pers



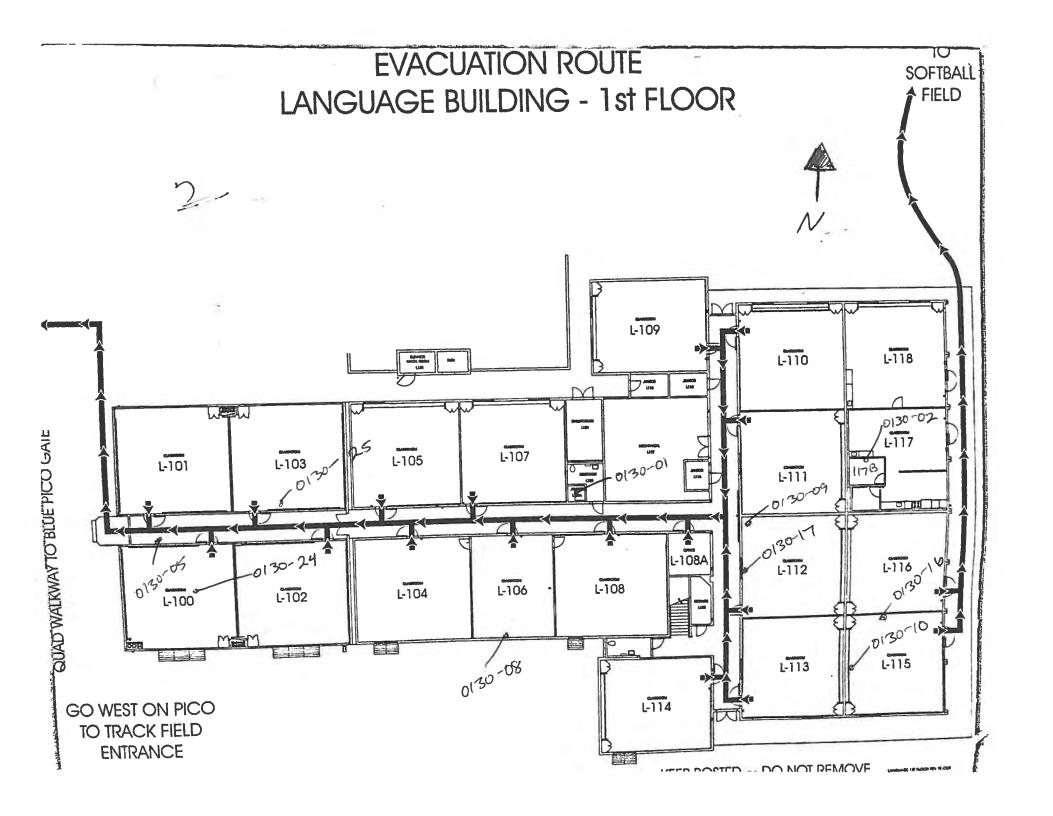
Client:	SMMUSO		Technician: Jo	lorge Robles			
Project No.:	SMSD-18-7472		Date:	1/30/18			
Project Name:	SAMOHI	Language	Page:	4	of	5	

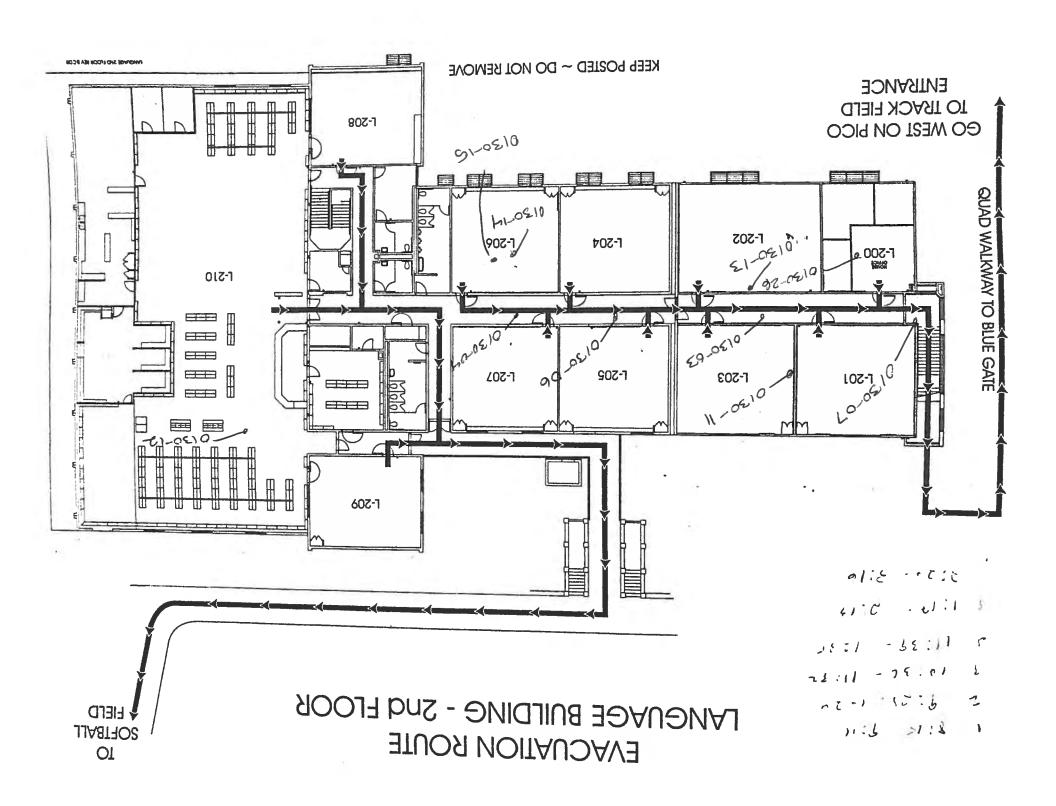
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Acoustical Plaster ceiling	1 -09	Rm L112, NW Corne	//	50,000 f	N	N
			-10	Rm, L115, W Ctr Rm 203, W Cor	RR's and storages.	-		
			-13	Ren 210, N Ctr Ren 202, N Ctr				
			-14	Rm 206, Ctr			1)
		Board	1 6	Run LII5, NCtr		50,000	·N	N
			-17	Rus L112 wetr	throughout except RR's and storage.			
		Gray Patch Nastic	-18 -19	Roof NW corner	Patch work on roof	2006,2	N	N
			-20	Ectr		-		
		100f Mastic	-21	NE pen Sw pen	Roof penetration	400 Fx2	N	N
	· ———		123	Not per				11,

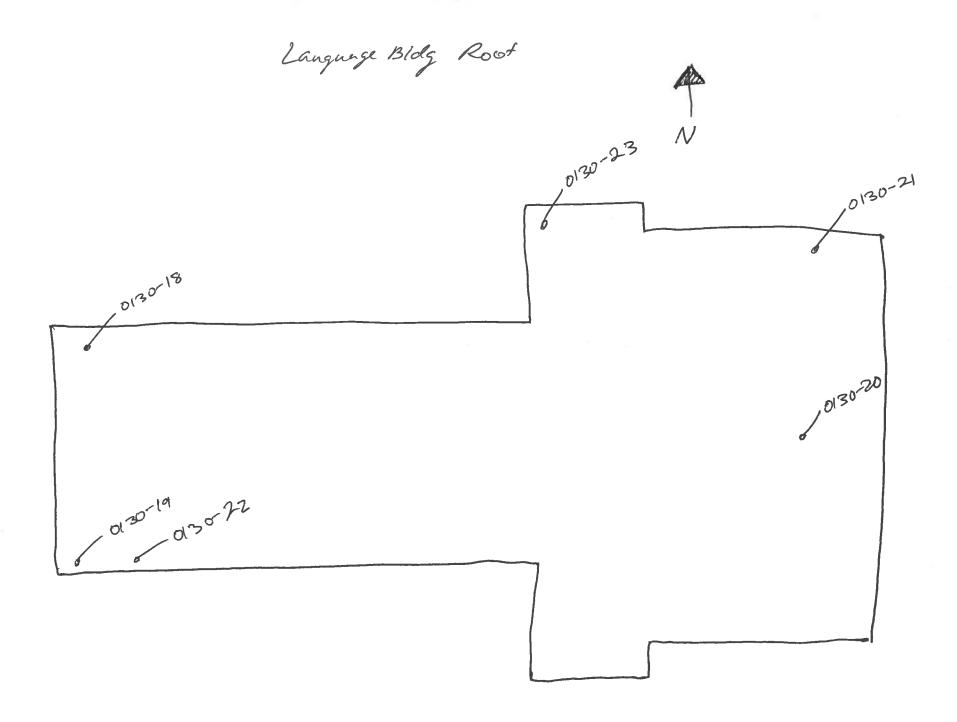


			P	spesios Lieia Daik 2	ampie List				
Client:	<u>S.</u>	MMUSD			Technician:	Jorge Robles			
Project No	.: S/	MSD-18-74	72		Date:	1/30/18		-	_
Project Na	me: <i>S1</i>	AMOH I		Language	Page:		of s	>	_ _
mogenous #	Photo #	Material	Sample #	Sample Location	Material Location	1	Est. Qty.	F	
		1							1

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		2x4 fissured ceiling panel	030-24	Rm L100, C+ Rm L103, Sctr	Rms 400-2103, \$200-2203, 1st & 2nd Hoor hallway (drop down ceiling)	600072	1	N
			1	Rm L200, Ectr	(drop down ceiling)			
		Bilver Root material	P. 5. 41201- 141203	NOD.	Roof	200017	N	N
		Bersen "					Ti .	
						=		
			3					
A								140









				pio ziot				
Client:	SMMUSO	Limited Su	wey & Roots, celling/cellis	y saus Technician:	Jorge Robles			
Project No.:	SUSD-18-7475	1	interior Jexterior we		1/30/18		-	
Project Name:	SAMOHI		History B		• /	of	4	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Smooth Plask	0130-41	1st floor hallway, wetr	Basement, 1st & 2nd floor Hallway	Moone:	11	1/
	`	walls	-H2	NW corner		200017	1	
			+43	SE corner				
			-44	- NEAD, CH				
			-H5	and Hoor hallway, w ca				
	,		-H6	1 NE corner				
			-H7	L SW corner				
		Rough Plaster	-1+8	Rm 127 Ectr	1st floor Rms 127,125,101,103, 100, 102,104,107,106,106A,106B,106C,	4		
		walls	-149	Rm 116 NW corner	102, 104, 107, 106, 106A, 106R, 1126C	10000ff2	N	N
			1 "	1m 102 NW coner	40613, 113 114, 116, 118, 120, 115, 119.			
			-H11	Rm 210 NE corner	123, 121, 122, 2nd Hoor Rms			
			112	Rm 216 W Ctr	201,200,203,202,205,204,207,			
			-H13	Rm 2/3 NCtr	208, 209, 210, 213, 214, 215, 216,			
	-		-414	RM 205 SECONE	217,218			
		Window Putty	-H15	Rm 103 window ct	Experior windows			2
resampling	b/c of tra	ce sample	-H16	Rm 114 window ct		600 In 4	N	N
			1-1417	Au 120 window ct				
			Poso 406-08	21% Chrysotile				
							لسبب	

* HVAC units mounted onto interior walls



Client:	SMMUSO		Technician:	Jorge Robles		
Project No.:	SMSD-18-7472			1/30/18		
Project Name:	SAMOHI	History Ridg	Page:	1/	of	4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		soft rough plaster	H16-H22 Poso	3% Chrysutike	Rms H101 H102 H100 H106 H114, /16, 118, 120 122, 121, 119, 200, 201, 202, 203, 204, cos,	39000	2 N	N
					207, 208, 209, 210, 213, 214, 215, 216, 217, 218, 1st & End floor halling,			
					# except RR's, custodian closets.			
		Plaster ceilings	P.S. 4301-4303	None defected	H117A custodian m, H117B, HIMA, H117, H020, H021, H023, H206	1000 42	N	N
			<i>R</i> . 5		* only in unstaction closets, RR's,			
		Celo W/ mestic	PO So H201, H202, H203, H205	None Defected	H125H1017H100H102, H06, A,B,C,D, 1+1196, H116, H120, H122, H119, H12	23000 42	N	N
		(walls & ceilings)			1+20°, H201/+203, H204, H205, H207, 1+208, H209, H210, H213, H2/5, 1+2/7,			
					H2/6, H2/8			
		Bry wall	Pos. H10, +124A	None Defectate	H104, H104A, H104B, 1H07 mens RR, H114, 1H16, H206, H203A,			
					H212			



Client:	SMMUSD			Technician:	Jorge Robles			
Project No.:	SMSD-18-7472		.	Date:	1/30/18			
Project Name:	SAMOHI	140's + 5 any	Blog	Page:	3	of	4	_

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall joint	P.S. HIV-1+15	None Detected	4104, 4104A, 4104B, 4107 men's RR	î	N	N
		2x2' fissured	0130-418	Rm H118 C+r Rm H114, N C+r	H114, H116, H206, 203A, H212. H118, H116, H114	270043		N
		Celling puner	J 1/20/18			7007		
			P.S. 1+23	None Peterted				
		Qx4' fissured ceiling panel	P.S. H28	None Detected	H127, H127B	900+2	7	N
				Ruy H 127 Nctr Ruy H 127B, WCFr				
		Gypsum	Po So H30	None Defected	Basement hallway about ceiling	95042	N	N
				Basementhallway, Ctr I, Nerd, ctr				
		12" random peghole ceiling	P.S. H31	None Detected	Busement hallway	900 F.JZ	N	N
		tile of mastic	30-4-24 130-H25	Bosement hallway, che + Nend Ch			-	



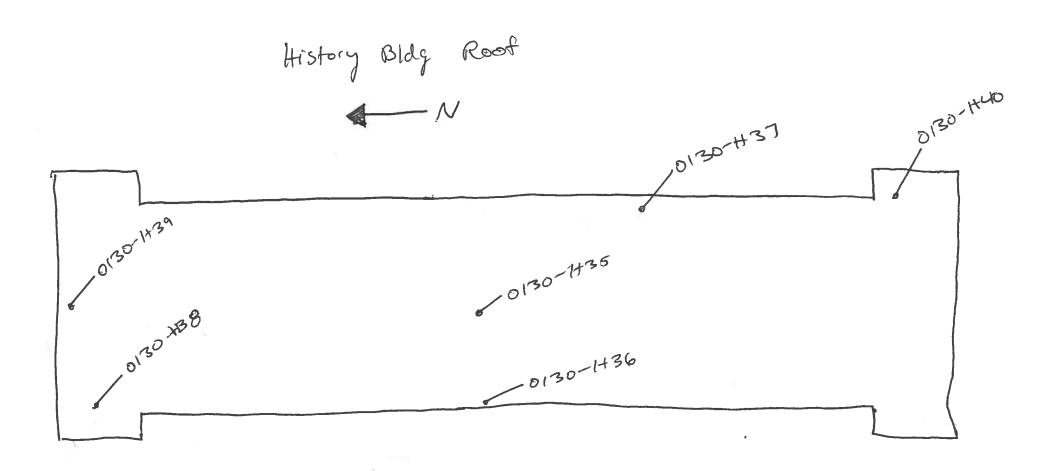
Client:	SMMUSD		Technician:	Fabian Ruvalcaba	Vorge R
Project No.:	(MSD-18-7472		Date:	1/30/18	-
Project Name:	SAMOHI	History Blog	Page:	4	-8

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		TSI Pipe insulation			Ru, HOZ3 Storage	800 In fg	Y	N
		Button Board	0130-HW	Basencert hollway cfr	Basement hallway and above	16000F12	1	N
			1-H27	/ Nendetr	Ceiling Hites throughout 610g.			
. Destroy		1	-H28	1 s end ctr				
		77	-429	Hosz storage, chr				
	146		-H30	Hoss storage, chr Basementhallway Ne	nel			
			H31	& Send.				
		Roofing Dolris	- H32	Athatch wanted closet	and floor ceilings paces throughour	16000/12	y	N
				# CH H214 ceiling s				
			1 1	Letr, 4210 ceiling				
						7		



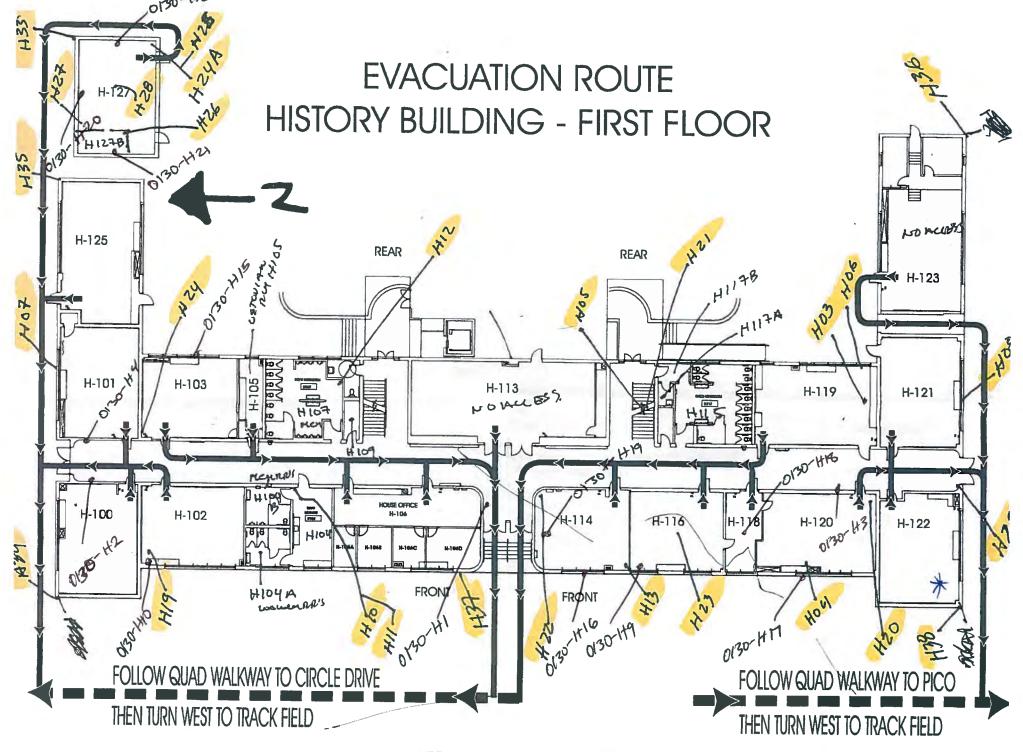
Client:	SMMUSO		Technician: Jorge Robles	
Project No.:	SMSD-18-7472		Date: //30//8	
Project Name:	SAMOlti	History Blog	Page: 5	

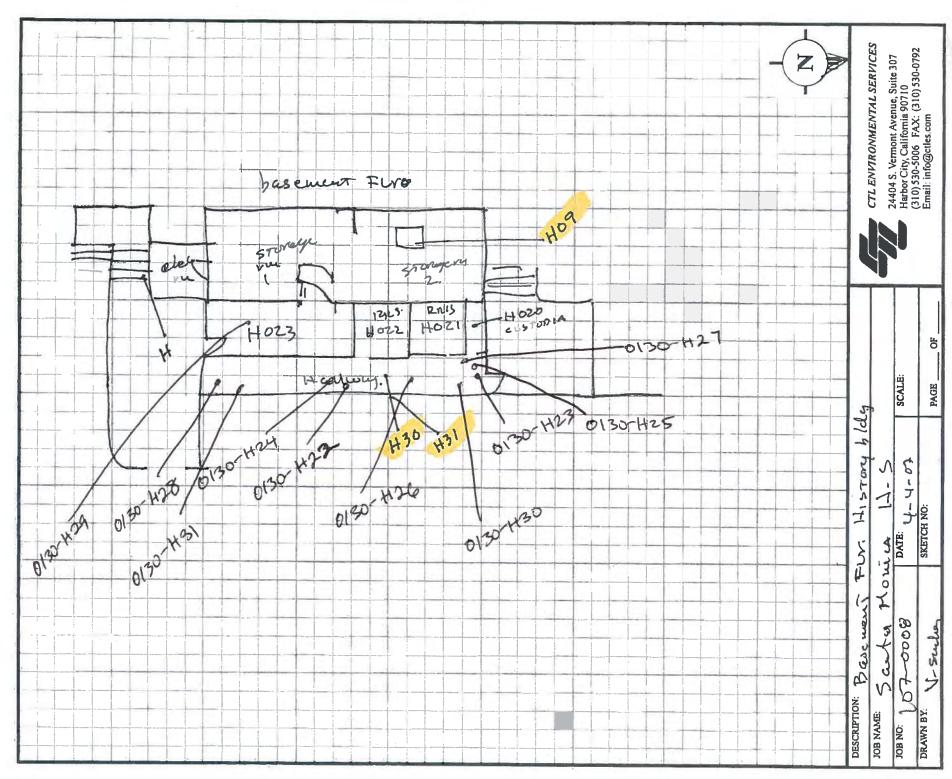
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		white rolled on	0130-1435	roof ctr	Noof.	3000++2	N	N
-		n	-H36	W ct,				
			-H37					
				6				
	i	white peretation			Goof penetrations	400 F+2	N	N
			-H39	N ctr pen			-	- 12
	77		-1440	+ SE per				
	,							1
		Vibration reduces	-441	Ron 207 Duet che	An 201 Ducting, & on all ducts throughout Blelg.	400 la F	N	W
			-442	Left side				
			-/443	tett side				
					•			<u> </u>
				li li				
		8 = 3						



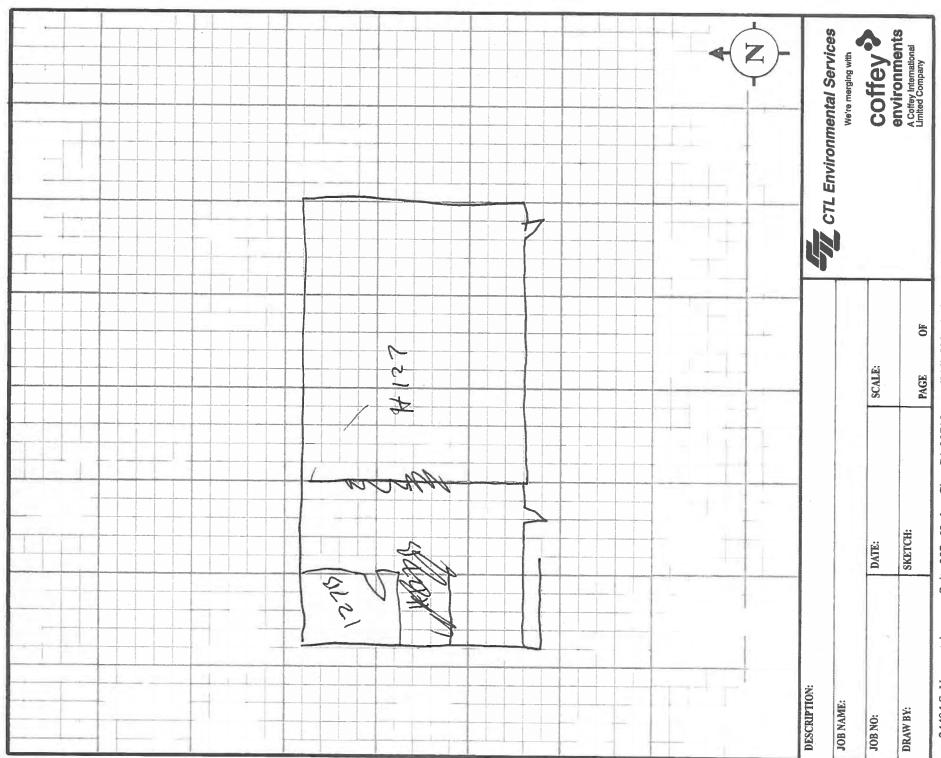
EVACUATION ROUTE HISTORY BUILDING SECOND FLOOR H-209C H-201 H-203 H-205 H-207 H-209 H-212 H-215 H-217 H-202 H-204 H-210 H-214 H-216 H-218 RNS HZ061 Hol FOLLOW QUAD WALKWAY TO PICO THEN TURN WEST TO TRACK FIELD THEN TURN WEST TO TRACK FIELD

HISTORY 2nd FLOOR New C.CDR
KEEP POSTED ~ DO NOT REMOVE





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Email: info@ctls.com CONFIDENTIALITY: The information herein is intented for the personal and confidential use of CTL Environmental service' client this may be an attorney-client communication and/or work product, and such is privileged and confidential (310) 530-5006 · Fax (3100 530-0792 24404 S. Vermont Avenue, Suite 307, Harbor City, CA 90710



Client:	S //	repositos i icid bulk Sample List		
Chefft.	DMULSO		Technician:	Fabran Pl Jorge R.
Project No.:	SN80-18-7472		· commonan.	rastant Joge R.
D. C. L.			Date:	1-25-18
Project Name		ed to Inter /Exter walls ; (r. log ,	Page	
	. /	Color Spaces Park	Page:	or 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Plante	P.S. Ney	E101 -> & 107	Tuter walls - thoughout - 1st 2 m	24000	~	~
	c (i	O d	P. S.	E	Aso 200 EZIT, EZIJ, EZIJ (Abuse Cel-a Hr. 1st floor coardor, 1th	Selt du ffs(Abose	Dogue
	Soft	Celly On low Collection	Positive P.S.	E 201-86263	(c.)-4 the 1st flow coardor, 1th E 217, E215, E213, E208, E210, 2" How Curidar, E201, £ 200, £ 302, £ 304, £100-	PEI17	~	N
		VIEWO CZ ISS	Ne; P. 1 P. 1	E401-DE403 E01-DE403	EloyA, Starwells	2300	~	~
-		12" straight Peghol Colog tolowallo	Ney		200, £ 217, £ 215, £ 213	3800	رح	:
				£04 Rm E215, NW com		5967	70	
	-		_ 62	Rm E217, N ct		1		-
		n. 11WH	P.S.		1' How RRS. 18t -02" Hour House throughout			
		Defaction St.	· [.	607-P614	Ezis (Nuth wall), Ezi3 South wall, Ezio East wall, Ezos ARR, Ezos- PR, Ezos RR,	59/4	~	N

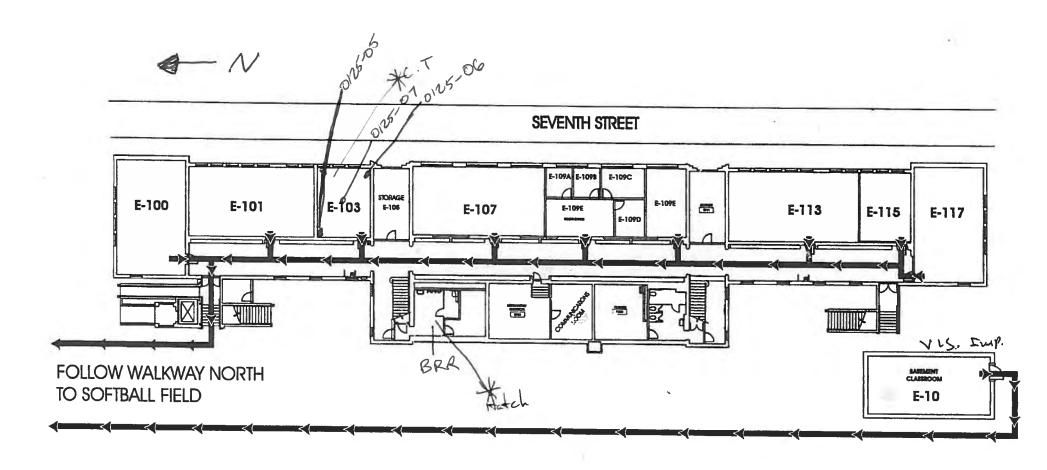
E106, £106A, £10, £15/N-Hwell, £113 South will,



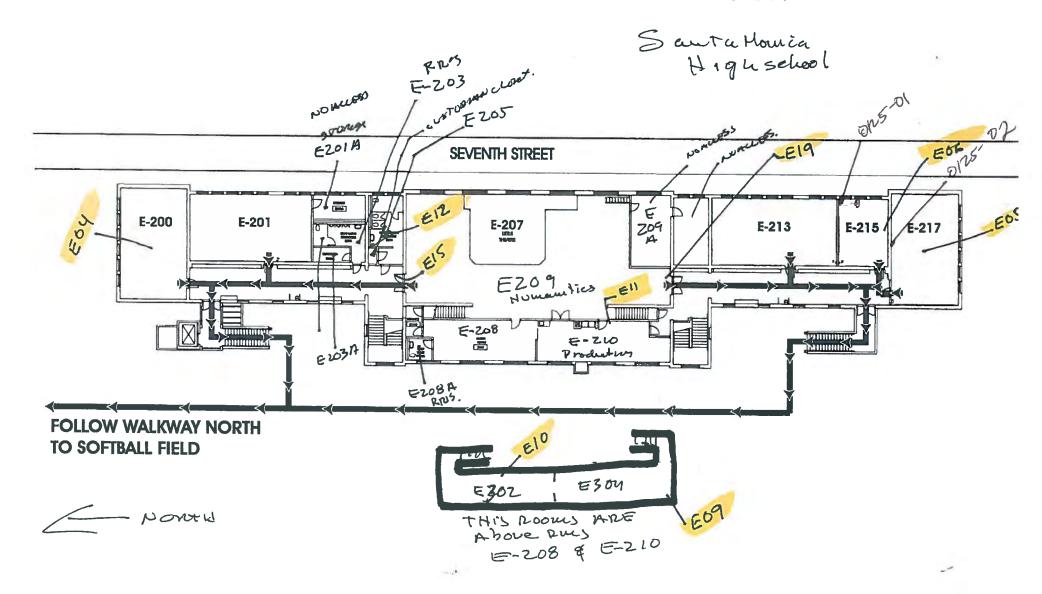
Client:	11.	Hanestos Field Bulk Sample List					
Ciletti.	SMMUSO		Technician	FI	1/1	A	
Project No.:	SMSD-18-7472		Technician:	Fasin 1	K. / Con	Se k	
			Date:	1-2	57-18	-	
Project Name:	SAMOH!	Englosh Bldg - Luitd			10		
	2770-3071	Englosh Bldg - Luitd	Page:	Z	of	D	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	1
		Staceo	P.S. Neg	E21-P625	Later wallywalkway Celys	10000 F	N	1
			0125-3	extenor New				T
		4	14	I w str		1		+
		Ray Ceiling Panel Fisswed	075-05	Rm 103 Nacom	Rm 103	95042	7	1
			- 07	SECOPER		(504	1	1
		White colled on roof core	-08		Roof	1000012	N	1
			-10	- NE corner			70	
		Duct Sealant	1.6	HVAC ROOF NCH	Roof HVAC System and on air ducts throughout building	400/m Fx	N	1
			-13	CHY	in ceing spaces			
		While peartant	on -14	Roof Sw pen	Roof Renekation	4m.	N	1

EVACUATION ROUTE ENGLISH BUILDING - FIRST FLOOR



EVACUATION ROUTE ENGLISH BUILDING - SECOND FLOOR





Project Name	
SH40H1	Sheet of

Project No./Task No. 5450-18-

	English Bldg. Roof	Scale
31516	N	
		Volut Volut
1	0125/1 0125-13 0125-13	on the same of the
		Rm E10



Scale

	Sheet	'of
Project Name		
Project No./Task No.	:	
Calculated by	Date	
Checked by	Date	



Client:	SMMUSO	Ted	hnician:	Jorge Robles			
Project No.:	SMSD-18-7472	Business Blog	Date:	1/24/18			
Project Name:	SAMOHI Limited	Survey "Ceilings, coof, ceiling spaces, interes perperior	Page:		of	5	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Sand Plaster	-	None Detected	Basement Ran 10, 1st floor Runs 100,	25000 F43	N	4
			5228-34		1004,101,101A,102,103,104,106,106A,	,	, ,	/
143					110, 111, 120, 115, 122, 124, 126, 126A,			
	35 - 3				rms 200, 200A, 201, 202, 205, 206,			
					208, 207, 204A, Office 2, girls RR			
			-		* water damage on plaster at			
			0/2//		various locations			
		Rough Plaster	0/24-01	1st floor hallway, ctr	1st floor hallways	95042	N	
		ceiling	0124-02	east end, cor	* water damage on plaster	150 44 2	70	
			0/24-03	I west end, ctr	0			
					(i)			
		Acoustical.	-04	1st Hoor hullway, ct	Above drop down ceitings in	25000 42	N	
		Plaster ceiling	-05	east end, ctr	allooms and hattwage	25000 14	70	
			-06	I west end, ctr	ist and 2 How all classions,			
			-07	Rm 102, NW corner	affices, and Hallways (1st flow Hallu	Juy.		
			-08	Rm 120, Ctr				
	3,000		-09	Rm 2002, ct/	and Janitous closets			
		***************************************		Rm 106, Su coince		2		7

HVAC mounted & interior perimeter walls per room.



C	ient	•

SMMUSO

Technician: Jorge Robles

Project No.:

SMSD-18-7472

Date:

Project Name: SAMOHI

Business Holg

Page: of

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
			P.S. 5240		Basement Rm 10, 1st floor RR's, 100, 101A, 103, 106, 0ffice 1, 106 A 110A, 100, 111	300042	N	N
			194	Rm 200, SW corner	11A, 122, 124, 126 RR, 2nd Hoor Rom's 200 1204, 201, 202, 205, 206, 207, 208			
		Dogwall composite of joint compound	F.S. 5241	None Defected				
		10" .0"	P. S.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				
		12×12" candom reghole CoT.	5245		Basement Rm 10, 1st floor Rus 100, 100A 101, 101A, 103, 104, 102, 106, 106A, 110A,	20000642	Y	N
		N/g/ne	0124-12	Rm 10, Ctr	2nd floor Rms 200, 200A, 201, 202,			
					205, 208, 206, 207, 204A, office i	drop C	e. hg)	
		Ceiling Panel	P. S. 5246	None Defected		1500Fx2		1
		V	0124-14	Rm 202, Shooner Rm 206 NECORE			,	



Client:	SMMUSO		Technician:	Jorge Robles			
Project No.:	SMSD-18-7472		Date:	1/24/18			
Project Name:	SAMOHI	Business Blog	Page.	2	of.	TA TA	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
Kresample ble trace - Sample	7	Window Putty	5247		All exterior windows	1000/nf	N	
			0124-16	North wall, west end w	indow window,			
			0124-18	North wall, west en	e window			
		Stuce	P.S. 5248	None Detected	Exterior walls	16000 ft2	2 N	N
			0124-19	South wall, west end				
			-21 -22	North wall, east end		_		
			-23 -24	Exterior NW coner		_		
		paper	-26		Exterior walls ander/behind stace	16000612	N	N
		(behind stucco)	I I	Exterior NW coner				
							: 4)	



Business Blog

Technician: Jorge Robles

Project No.: 5 MSD - 18 - 7472

Date: 1/24/18

Project Name: SAMOHI

Page: _ 4

5

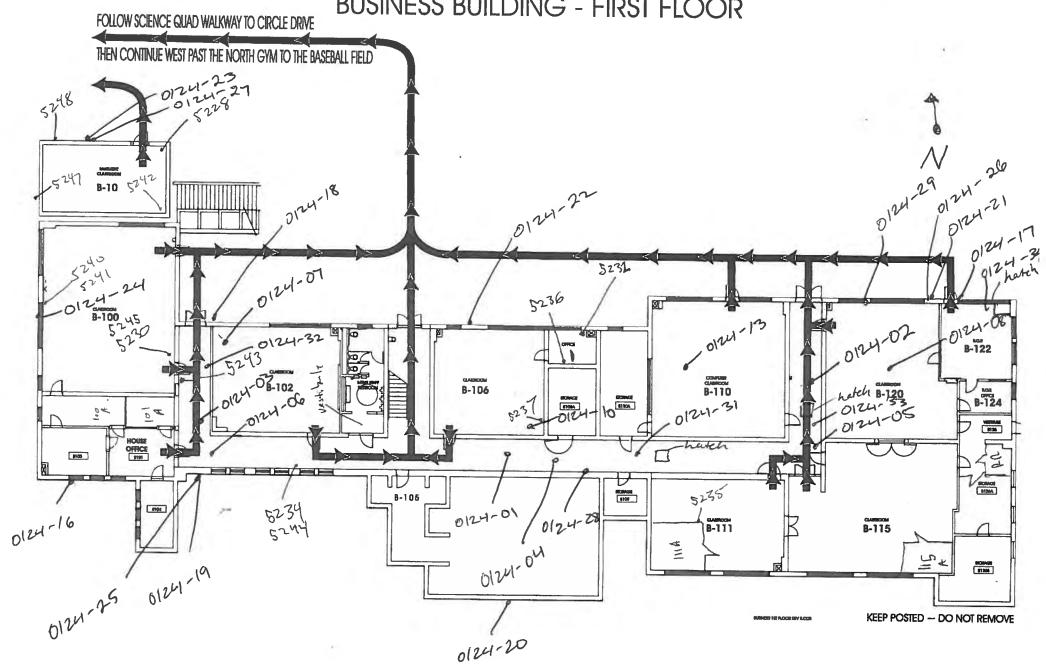
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	1	Button	0124-28	1st flow hallway the	Under all plaster walls (interior)			
		Board	-29	Rm 120, N C+	(walls)	250004,2	N	N
	(-30	Rm 202, 8 Ctr				
					(Visible at) (EQ)			
	l I	73I on pipe	0124-31	1st floor ballway, Ct	above drop down ceiling in 1st	~		
		(above drop down	- 32	west end, ctr	floor hallway.	700/nf	1	N
	i	ceiling)	-33	I east end, ctr	assumed in all celly spaces, wall			
					Cavities			
	ı	Roofing debris	0124-34	Rm B122, at hatch	above drop down citing in 13/22	11000		
		U	-35	La for hallway hortely	2nd floor above coting. (C)	360 L-13	Y	4
	i		-36	em 200	2nd Hoor Ceiling Space throughout			
				2nd floor hellway of				
	ľ	Silver roof	0124-37	Boot Na come	Roof	11-		
		core	-38	Setr		110000	t N	N
	i i		-39	+ W ctr				
			<u> </u>					
	ľ	Penetration	0124-40	Roof SEpen.	Roof pene hrations	2		
		mastic	-41	1 NW pen		2004	N	1
	i i		-42	1 ctr pen				
		4 E	1				1	

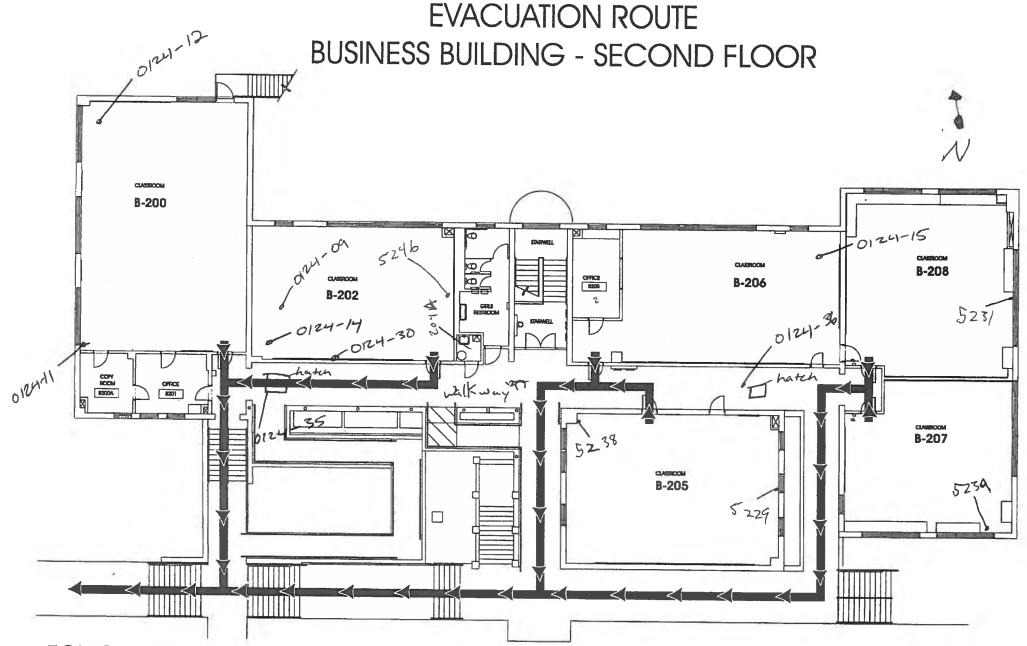


Client:	SMMUSS		Technician: Jorge Ra	ides
Project No.:	SMSD-18-7472		Date: 1/24/18	3
Project Name:	SAMOHI	Business Bldg	Page: 5	5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Joint compained	PoS 5235-39	None Detected	Brownest Rm 10, 1st floor RR: 100, 100A 103, 106, office 1, 106A, 110A, 110, 111,		N	N
S				-12	103,106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 RR, 2nd Hoor Rms, 200, 200A, 201, 202, 205, 206, 207,00%	3		i.
			***************************************		* Poles de la la la			7
	=1	Chalk koard	NA	Assumed	Basement Rm 10, 1st floor Rm's 100,	40 each	N	N
		mastic.	, ,		106,110,120,111,115			
9 181				==				1.00
								3.1
	:e2 •						8	
							9	11
					•			
				8		v		
		2						
						V.		

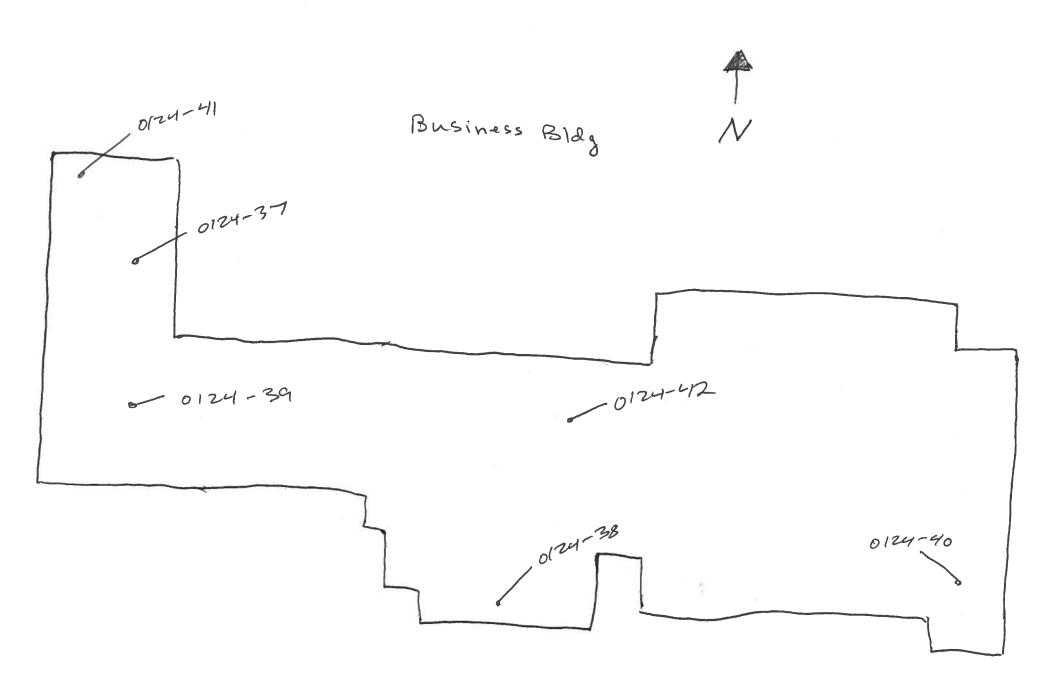
EVACUATION ROUTE BUSINESS BUILDING - FIRST FLOOR





FOLLOW QUAD WALKWAY NORTH
TO CIRCLE DRIVE THEN GO WEST
PAST THE NORTH GYM TO THE BASEBALL FIELD

BURNESS SHOT FLOOR REVIACOR





Client:	SMMUSO	Limited Survey: Roots, cellings /ceiling spaces	Technician: Jorge 6	Robles
Project No.:	SMS0-18-7472		Date: 1/29/18	
Project Name:	SAMOHI	Barnon Hall	Page:/	4

#	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
	12" Fissured Ceiling Tile	Po S.	None Defected	Basement Kallway 2, 1st floor elevator	900+2	N	1
	w/mastic	0/29-01	women's ar, cto	10664, 2nd Hox men's & women's RR			
		0129-02	Basement hallway 2, 1	4	,		
E			A		900 FF2	N	N
	0		4			j)	
	Duct Sealant	-04	Roof HVA C	Interior throughout ceiling spaces.	300/2ff	N	N
79		-05	1				
,	4	-06	At hatch, 1st floor eleva	,		10	
	5	P. S.	10664				2
	Exterior Stucio	P. S. 5290, SM	None petested 1001-1003	Exterior walls	1100042	N	N
	2	l		•			
		-08	sw corner				
2		-09	I E ctr				
		Ceiling Tike Maste Ceiling Tike Maste Ouch Sealant	Ceiling Tile 5288 W/ mastic 0/29-01 0129-02 Ceiling Tile Maste 0/29-03 Ouct Sealant -04 -05 -06 Po So 5289 Exterior Struco 5290, SM -07	Ceiling Tite 52.88 W/mastic 0/29-01 Women's RR, Ctr 0/29-02 Basement hallway 2, c Ceiling Tik Mastic 0/29-03. I W Ctr Duct Sealant -04 Root HVAC -05 I -06 At hatch, 1st flox ellera P. So 5289 Wome Detected Exterior Struco 5290, SM 1001-1003 -07 exterior N Ctr -08 Sw corner	Ceiling Tite 57.88 W/ mastic 0/29-01 Women's RR, Ctr 1066y, 2nd flow men's RR 0/24-02 Basement hallway2, dr Ceiling Tik Maste 0/29-03. I w ctr Duct Seafant -04 Roof HVAC Interior throughout ceiling spaces, -05 I Doof HVAC system -06 Attach, 1st flow elevator Po So 528.9 Nome Detected Exterior Struco 57.90, 5.1001-1003 Exterior N ctr -08 Sw corner	Ceiling Tite 57.88 W/ mastic 0/29-01 Women's QQ, ctr 1066y, 2nd flox men's & women's QQ 0/24-02 Basement hallway 2, dr Ceiling Tik Maste 0/29-03. I w ctr Ouct Sealant -04 Roof HWAC Interior throughout ceiling spaces, 300/nft -05 I Doof HWAC cystem -06 At hatch, 1st flow elevator Poso 5289 MM Detected Exterior Struco 5790, 5m 1001-1003 Exterior Walls 10006,22 -07 exterior N ctr -08 Sw corner	Ceiling Tite 5288 W/ mas HC 0/29-01 Women's RR, CH 10664, 2nd flox men's RR 0/29-02 Busement hallway 2, ct Ceiling Tik Master 0/29-03: LW Ctr Duct Sealant -04 Roof HVAC Interior throughout ceiling spaces 300/n4 N -05 L 000f HVAC system -06 At hotch, 1st flow elevator Fo So 10664 Exterior Struco 5290, 5M 1001-1003 Exterior Struco 5290, 5M 1001-1003 SW corner



Client:	SMMUST	·	Technician: Jorge Robles
Project No.:	SMSD-18-7472		Date: 1/29/18
Project Name:	SAMOITI	Barnum Itall	Page: 2

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Smooth Plaster	Poso Smoiol-0104	None Offected	Ist floor walknay 1& 2, hall, men's & women's RR, 1066, mezzanine level	720062	N	N
		wall		1st floor walking, Netr	women's RR, 1066y, mezzanine levels men's & women's RR, closet 1 & 2, balcony			
				lobby, NW corner.				
Ringtone	4hn ->	Rough Plaster	P. S. SM0201-02	None Detected	Basement elec Rm 2, Rm 10, 11, 14, 15,41 hallwan 1 \$ 2, girls RR, Doys RR	2000063	N	N
Sample		wall			Ist floor, elevator lobby, storage 2. Rm 1, storage 4, 1066, janite - 5 Closet hall, office 1, 2, mezzanine lotter			
			-/3	Rm 10, NE corne	Closet hall, office 1, 2, merzanine letter			
	19.							
		white roof	-14	Roof 1, ctr	All 5 roof levels	15000FF	·N	N
				200f2, ctr				
-				Roof 5, ctr				
re		white penetration	on _/~			400 42	11	11
		mastic		coof 1, Nets per		100 FF	10	-
			-18	Coof 4 ct pen				
			-19	Coof 4 cts pen	~			



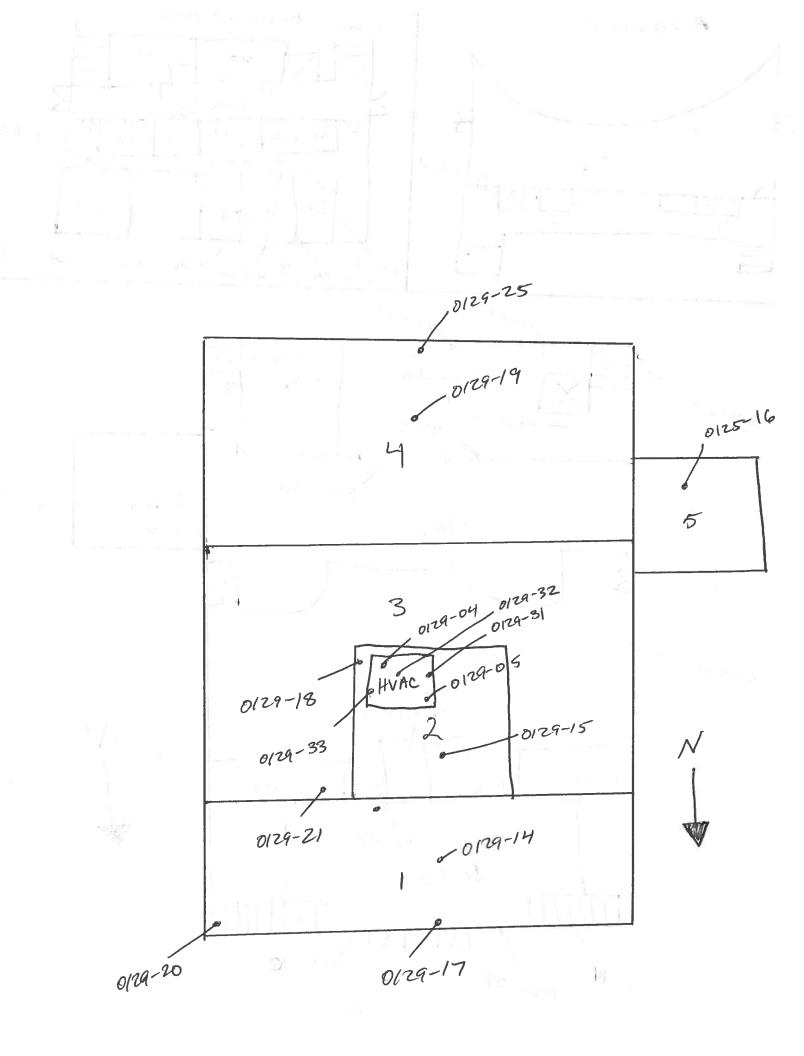
Client:	SMMUSD	•	Technician:	Jorge Robbes
Project No.:	SMSD-18-7472		Date:	1/29/18
Project Name:	SAMOHI	Barnum Hall	Page:	3 4

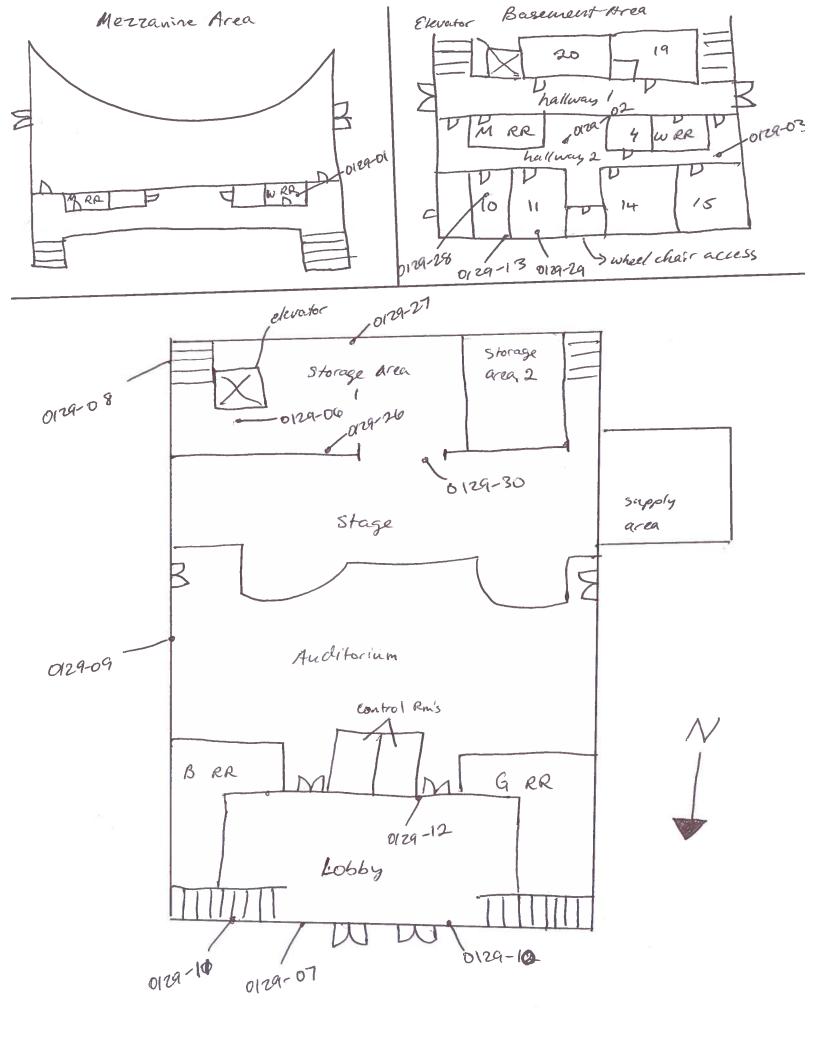
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Gray Portch Mastic	0129-20	Root 1 NW corner	Patch on all roof levels.	15042	N	N
			1-21	ROOT3 Netr				
			-22	Roof4 SCtr				
		ceiling tile	-23	Run 10 N Ctr	Ceiling & walls in Basement Rm 10	95042	N	N
		w/ mastic	-24	Ctr				
			-25	1 SE corner				
		Light Grey Salt Fregroofin	-26	Storage 1. Netr	Storage gree 1 ceiling & beams,	34100 42	N	N
		V	-27		basement in ceiling spaces,			
			-28	basement Ru 10, Ctr	behind stage			
Accounts to the second			-29	Ru 11 NCt	·			
			1 -30	befried stage, ct				
						1		



Client:	SUMUSO		Technician: Jorge Robles
Project No.:	SMS0-18-7472		Date: 1929/18
Project Name:	Signo 14 1	Barnum Hall	Page: 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Vibration	0129-31	HVAC lett side	Roof HVAC System	30/n ++	N	N
			-32	Ctr				
			-33	I right side.				
	54							
		Joint Compound	Pos. 5280-82	None Defected	Ceiling in 1st floor ams 19, 20, and	95042	N	N
			=		Walls in storage Rm 3, office 1, 2.			
		Prywall	Pos. 5283	None perceted	<u> </u>			
	•							
		Dywall composit	P.S. 5284	None beterted				
		w/ joint compound						
		Fire Proofing	P-S	NO	Area, and Ceiling Space	4500	bo	\sim
Re .		(Cementitue()	# 5275-1	>5-279	above Main Secting Avea			
						=		
	=	2				24		
58								







		Assestes Field Bulk Sample List					
Client:	SMMUSO	Limited survey: Roofs, ceiling failing spaces,	Technician: J	orge Robles			
Project No.:	SMSD-18-7472	interior lentrior walls		1/25/18			
Project Name:	SAMOH,	Art Bidg.	Page:		of	4	
		- A Company of the Co		•			

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
9		12" + 12" randan	0125-A1	Rm 102 N ct	Ams 107,102,105,103,101, storage 1,2,	ER		
J		pin hole ceiling	0125-A2	100 101 2 CAS	3,012,012A,010B,010A, dake Rm, 013	18000 Hz	l y	N
	1			None Detected	0134,014			
			5263					<u> </u>
i J	1				Rm 012	1000 ft 2	N	1
-	 			1 Nor		7	/υ	N
į.	1	,	P-5.	None Betrebed	1			
		!	5264					
į.	1	Button	90°5.	None Detected	under plaste Rons 107, 102, 105, 103,	6		
ļ	= =	Board	5067		101, Storage 1, 2, 3, 0/2,012/4,010/4,	070042	N	N
, I	1		-A5	Rm 103, Ncti	010B, dark Rm. 01, 013, 013A, 014,			1
			46	Rm 0/3, NW corner	014A,011		,	1
resumpted was	lok,	window Putty	P125-A7		Exterior Windows			1
by of your	-	/ /	-A8	Sctr		200/nf+	N	N
1			-A9	- NW end				
							.	1
1	ſ		P.S.	21% chrysotile				1
<u> </u>	·	3	5274					i .
1	i							·
	<u> </u>							ı



Client:	SMMUSO	Technician:	Jorge Robles		
Project No.:		Date:	1/25/18		76
Project Name:	Act Bldg.	Page:	2	of	4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Struco	P.S.	None Detected	Exterior Walls			
			5273			7500 FZ	N	V
			0125-A10	Exterior Netr				
			-A11	1 3 ctr				
		AMPLICATION OF THE PROPERTY OF	-A12	SW gorner	ton concrete, could not find			
			-A13	Ectr	barrier gaper behind			
			-A14	wetr				
			-A15	+ NE come				
		auct wagging	P = S0	None Detected.	Run 10/ (anduct work & piping)			
		•	5009		gipity)	-100 ln ++	N	N
			015-A16	Rm 101 HVAC CH				
			-A17	I west		(6)		
		Aconstical	-A18	Rm OH Netr	Above ceiling tile in all rooms			
		Plaster ceiling	-19	Rm 013 Nctr	7	100001+2	N	N
			-A20	Rm 014 SW corner				
	W. 11		-A21	Rm 105 W ct				
			1	Rm 101 N Ctr	,			
			A-23	Rm 103 C+1				12
				Rm 012 NE corner				



Client:	SMUUSA	•	Technician:	Jorge Robles		
Project No.:	SMSD-18-7472		Date:	1/25/18		
Project Name:	SAMOHI	Art Bldg	Page:	3	of	#

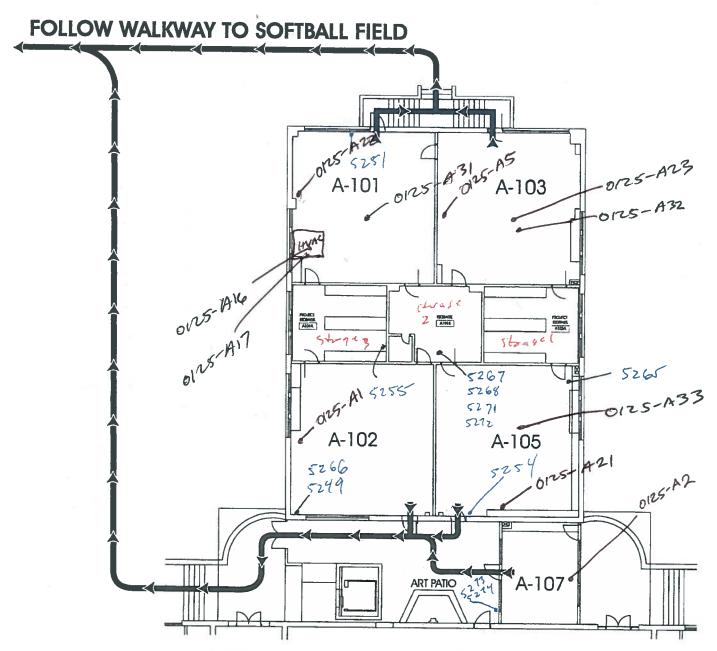
Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		silver roof	925 A-25	roof Net	roof	- Gtyr		
		core	126	I w ctr		450017	N	N
		***************************************	A27	≥ ctr				
		Silver penetration	A-88	Goof pen. Nw pen	roof penetrations	2-26-2	N	N
		mastic	A=29	Nuper		20042	,,,	10
			A-30	1 SE pen				:
			0/4 / 1					
		Cooking	0105 A31	Cliving space Rm 101 chr	in ceiling spaces 2 nd Hoor	450042		
		debris	1752	1 My 103 CA		1367	7_	N
ļ		***************************************	A33	LRM 105 ctr				
		9 / 0:	P.S.					
]		Sand Plaster		None Detected	Rus 107, 102, 105, 103, 101, Storage	books	N	N
			5249-56		1, 2, 3, 012, 012A, 010A, 010B,			
					dark Rm, 011, 013, 013A, 014, 014B,			
			P.S.		BUI			
		Joint congound	5256-60	1 was were red	Rm 012, 0124, 010A, 010B, dark Rm,	1800 ft 2	N	N
					011, 013, 013A, 014, O4A			



Client:	SMUUSD		Technician: Jorge Robles
Project No.:	5450-18-7472	я	Date: 1/25/18
Project Name:	SAMOH'I	Art Blog	Page: 4

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Drywall w/	P.S. 5261-62	None Defeated	Rms 012, 102A, 010A, 010B, dark & m, 011 013, 013A, 014, 014A	1800A2	N	N
		Vibration reducer	F. S. 5268	None Detected	2nd floor aftic space on HVAC unit at seams	5 s7 f4	N	N
	e e	4" diameter pipe TSI 4" diameter pipe elbows	Poso 5271 Moso 5272	10% chrysotile 10% Amosile 5% Chrysotile	gall floor affic space throughout [Assured in all wall (Cavities ad (eiler spaces)	100/mf+		N
-	_	Asbestos contains, cement panels	3 NA	#SS mmed	Run 0/3A, links furnace hood	20 442	N	N
e		1						-
		, , , , , , , , , , , , , , , , , , ,			•			
1				4				
			92				-	

EVACUATION ROUTE ART BUILDING - UPSTAIRS

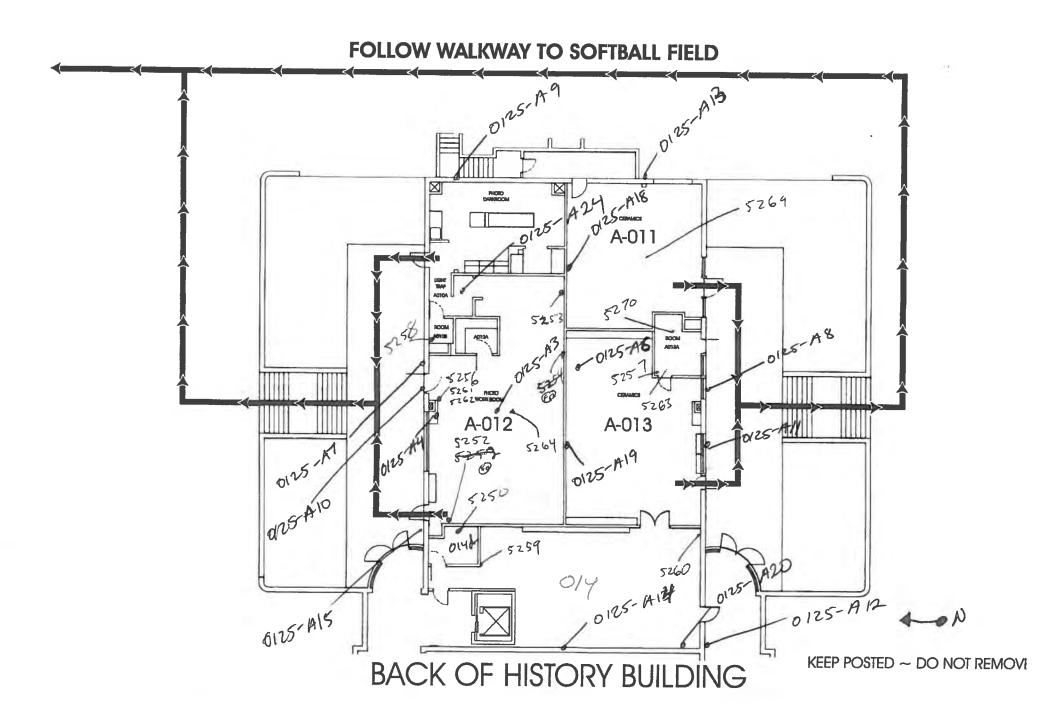




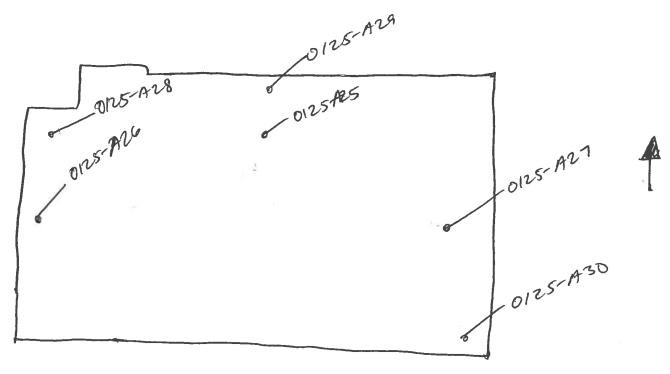
BACK OF HISTORY BUILDING

KEEP POSTED ~ DO NOT REMOVE

EVACUATION ROUTE ART BUILDING - DOWNSTAIRS



ART Bldg Roof





Client:	SMMUSO	Limited Survey: ailings/ceilingspaces, roofs, interior/ Tec	hnician:	Jorge Ro	6/es
Project No.:	SMSO-18-747		Date:	2/1/18	
Project Name:	SAMOHI	Administration Biolg	Page:		5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Sand Plaster	Do so 5187-93	NOOO	Attendance office, elec om, lounge, lobby 182, Viking & INN, cuitadian am,	11000++2	N	N
					bobby 142, Viking & INN, Chistodian am, Staff men's & women's RR, hallway 1, 2, 3,		1	
					Rms 103C, 1030, 102, 101, 103A 103B, 103E, 107, 615, 514, 513, 513, 511 510, 505, 508, 507, 506, 505, 504			1
					503, 502, 501, 405, 402, 401, 401 closes			
					205, 205 RR, 2004, 200, 202, 201	1	4	+
		Button Board	P. S. 5224	N.O.		1100042	N	N
			0201-01	1066y 1, Nete			1	/
			1	1066y 2, NE corner		1	7	+
confirmation	Samule.	O Marie Marie	P.S.	N.O.	On walls staff's women's Emens RQ	95042	N	N
		(joint compound)	5197-5199		Rm 200A, 200, 103C, 1030, 103A, 103B			
			-03	Rm 200, NW cone	103 E, 103F, hallway 3, 106ky 1,			
					Rms 515-501			
		Organii (wall)	P.S. 5203	N.O.		950H2	N	N
		?	-04	Rm 200, NW come				



Client:	SUMUSO			Technician: Jorge Robles	
Project No.:	SMSO-18-	7472		Date: 2/1/18	
Project Name:	SAMOHI	Admin	Bloke	Page: 2 5	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
confirmation	, ->	Drywall (wall)	P.S. 5204		on wans, statts women's & men's RR	95042	N	N
Sample		composite w/		Run 200A, W ctr	Rm 200A, 200, (103A, B, C, O) 103E, 103F,			
		joint compound			hallway 3, 1056, 1, Rous 515-501			
		0				5500		
		Joint compound	Pos.	3% Chrysotike	Above 12" random pinhole ceiling tile.	B 50042	N	N
		(cellings)	5200		Rms 203, 2034, 204, 205, 200, 2004, 202 103C, 103D, 103A, 103B, 101, 102,			
	13		0201-06	Rm 402, Netr	405, 402, 401, 401 closet & RR			
1					VIKINGS Inn, custodian am jelec Rm.		10.	
	5	Drywall ceiling	P.S. 5201-02	N.O.		5500	N	N
\			0261-07	Rm 402, Netr	1	(b)		
						5500		
		Orgwall ceiling	PoSo 5205-06	No Do		2500Fj2	N	N
	7	composite w/	0201-08	Rustodian Ctr		(%)		



Client:	SMUUSO		Technician: Jorge Ross			
Project No.:	SMSD-18-7472		Date:	2/1/18		
Project Name:	SAMOHI	Admin Bldg	Page:	3	5	

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		12×12 Fisswed Chiling tile	PoSo 5207	N.D.	Hallways 1,2,3	130042	Y	N
		my glue	0201-09	hallway 1, et		1	1	1
			-10	hallway 3, ctr.	d	1	+.	1
		12x12 Random Reghole ceiling	0-	N.O.	Rms 203, 703A, 2041, 205, 200A, 200, 702, 103C, 103D, 103A, 103B	230042	4	N
		tike w/ glue	5208		101,103,405,402,401,401 close+		,	1
				Rm 203 NE corner	& RR, Vikings Inn, custodian Rm, elec Rm.			
	3		-12	Rm 103A, 5 ctr	1		40	-
	•	2x4' Fissured Ceiling panel	-/3	Attendance office, with	Attendance office, hallway 2, 1665, 1, 1665, 2, AD 200, AD 203	Booth	7	 N
				10564 1 NW end		1		/
				A0200, N CH		1	1	
		Moisture paper	-16	Extesior New	Exterior	6500fz	N	N
		(behind struco)	-17	36 cone)	/	/-
			-18	I S ctr	7	1	Jo	+



Client:	SMUUSO			Technician:	Jorge K	ables
Project No.:	SMSD-18-7472			Date:	2/1/18	¥
Project Name:	SAMOHI	Admia	Blog	Page:	4	5

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		Stucco	Pos. 5227	Nos.	Exterior walls	650042	N	N
			- 19	Exterior N Ctr			(
		22	-20	Sw corner.				1
			-21	Sctr			5.2	
			-22	wctr				
6			-23	SE corner				/.
			-24	NE come				
	•	ω ω	283				¥7.	
		Gray Rolledon	-25	Roof NW corner	Roof	6500Ft ²	N	N
		-	-26	SE corner				Ĺ
			-27	+ c+r				3
				x *	•		J	
		white penedration mastic	°7 -28	Got por NEpen		2100/n4	N	N
			-29	Schre		6	(-
			-30	J SW pen		7	1	7



Client:	SMUUSD		Technician:	Jorge A	Robles
Project No.:	SMSD-18-7472		Date:	291/18	
Project Name:	SAMOHI	Admin Bldg	Page:	5	3
		0	-		

Homogenous #	Photo #	Material	Sample #	Sample Location	Material Location	Est. Qty.	F	D
		vibration reducer	-31	mech Rm. on HUAC, ct	much Run above ceiting spaces	20042	N	N
			-32			1	(
			-33	lobby 1, ctr		1	7	7
		Duct Sealant	-34	1066y 1, ctr		500/nf4	N	N
		(Red/way)	-35	nech Rm, ctr		1	H	1
		1	-36	mech Rm, ctr	4	7	4	7
		TSI ADR INSURATION			above ceiting throughout bldg	40014 6+	N	N
			-78		* inspected TST = Fiberglass	1	1	
			139		* inspected TSI = Fiberglass	4	0	
-								
day -								

EVACUATION ROUTE ADMINISTRATION BUILDING 0201-16 **FOLLOW WALKWAY** TO BARNUM HALL / CIRCLE AD503 AD504 AD505 AD504 AD507 AD508 AD509 AD510 AD511 AD502 AD515 AD514 AD513 020 NAD501 02-02 5198 01-1020 Hallway AD401 9212 AD103A AD103F LOUNGE COPY ROOM 5190 \$118 ATTENDAN AD1038 AD103E AD101 AD405 AD/103C | D103D 0201-0201-92 sign Halleay 5215 -0701-03 AD200 5197 AD200A 5200 5201 AD203 VIKES' INN 5206 0201-04 **NURSE'S** OFFICE - 5217 5220 AD204 AD202 AD201 5216 5192 5221 5227 KEEP POSTED DO NOT REMOVE ADMIN BUILDING REV B.CDR



Paint Chip Sample List

Project No	····	**************************************					Technician: Date:		
Project Na	_				Adv	1	Page:	of	
Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		X Chec	k all	Hatch-	الما الما				
		- Mak	e Su	cess is	Mach	Famipud hur Ba Basemand Mec	ey Covered		
• • • • • • • • • • • • • • • • • • • •		174	Hoa	Mech	and	Basement Mec	4 ROCKAS		
		- Mak	er Su	re Dyw	a (1 v)	mud Coily bra	Been sample		
		abou	e Cei	(s tole					
	<u></u>	-							
							1000		

The state of the s									

Appendix B

Laboratory Analytical Report: Asbestos



02/09/2018

02/12/2018

Alta Environmental

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Date Received

Date Analyzed

Date Reported

Report Number 1830202

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number

WO Number Ref. PLM #1830178

Date Sampled 01/31/2018
Sampled By Jorge Robles

Total Samples 21

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

		Test R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-001 Gym-17	North/South Gym Drywall composite w/ mud, White/brown/beige, Non- homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	17.87% 54.52% 27.44%	Chrysotile	0.17%
1000 pt. POINT Co	TNUC					
	Asbestos Present Yes	Total	% Non-Asbestos:	99.8% Tot a	al %Asbestos:	0.17%
1830202-002 Gym-21	North/South Gym Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	9.00% 53.87% 36.46%	Chrysotile	0.67%
1000 pt. POINT Co	DUNT					
	Asbestos Present Yes	Total	% Non-Asbestos:	99.3% Tot a	al %Asbestos:	0.67%
1830202-003 Gym-22	North/South Gym Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.85% 51.54% 36.74%	Chrysotile	0.87%
1000 pt. POINT Co	DUNT					
	Asbestos Present Yes	Total	% Non-Asbestos:	99.1% Tot a	al %Asbestos:	0.87%
1830202-004 Gym-23	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	1	Organic/Volatile Material Non-Asbestos Residue Non-Asbestos Residue	10.45% 52.51% 36.15%	Chrysotile	0.89%
1000 pt. POINT Co	TNUC		_			
	Asbestos Present Yes	Total	% Non-Asbestos:	99.1% Tot a	al %Asbestos:	0.89%
1830202-005 Gym-24	North/South Gym Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	11.60% 51.74% 35.62%	Chrysotile	1.04%
1000 pt. POINT Co	TNUC					
	Asbestos Present Yes	Total	% Non-Asbestos:	99.0% Tot a	al %Asbestos:	1.04%

PAGE: 1 of 5



02/09/2018

02/12/2018

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Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number

WO Number Ref. PLM #1830178

Date Sampled 01/31/2018
Sampled By Jorge Robles

Total Samples 21

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-006	North/South Gym					
Gym-25	Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	12.56% 51.93% 34.61%	Chrysotile	0.90%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.1% Tot	al %Asbestos:	0.90%
1830202-007	North/South Gym					
Gym-26	Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	11.63% 51.40% 36.08%	Chrysotile	0.89%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.1% Tot	al %Asbestos:	0.89%
1830202-008	North/South Gym					
Gym-27	Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.49% 52.88% 35.74%	Chrysotile	0.89%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.1% Tot	al %Asbestos:	0.89%
1830202-009	Music Bldg					
0202-24	Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.06% 50.91% 37.90%	Chrysotile	1.13%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	98.9% Tot	al %Asbestos:	1.13%
1830202-010 0202-25	Music Bldg Drywall mud (ceiling), Beige, Homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	9.28% 51.64% 38.14%	Chrysotile	0.94%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.1% Tot	al %Asbestos:	0.94%

PAGE: 2 of 5



02/09/2018

02/12/2018

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

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Report Number 1830202

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

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number

WO Number Ref. PLM #1830178

Date Sampled 01/31/2018
Sampled By Jorge Robles

Total Samples 21

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-011	Music Bldg					
0202-26	Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	10.74% 50.90% 37.22%	Chrysotile	1.14%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	98.9% Tot a	al %Asbestos:	1.14%
1830202-012 0202-27	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	11.10% 51.26% 36.58%	Chrysotile	1.06%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	98.9% Tot a	al %Asbestos:	1.06%
1830202-013 0202-28	Music Bldg Drywall mud (ceiling), Beige, Homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	9.96% 50.71% 38.12%	Chrysotile	1.21%
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	98.8% Tot a	al %Asbestos:	1.21%
1830202-014 0202-29	Music Bldg Drywall composite (ceiling), White/brown/beige, Non- homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	17.01% 19.71% 63.03%	Chrysotile	0.25%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.8% Tot a	al %Asbestos:	0.25%
1830202-015 0202-72	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.66% 21.52% 74.67%	Chrysotile	0.15%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.9% Tot a	al %Asbestos:	0.15%

PAGE: 3 of 5



02/09/2018

02/12/2018

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Date Received

Date Analyzed

Date Reported

Report Number 1830202

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number

WO Number Ref. PLM #1830178

Date Sampled 01/31/2018
Sampled By Jorge Robles

Total Samples 21

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

Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830202-016	Music Bldg					
0202-73	Stucco, Gray, Non-homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.56% 23.63% 72.59%	Chrysotile	0.22%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	99.8% Tota	%Asbestos:	0.22%
1830202-017	Music Bldg					
0202-74	Stucco, Gray, Non-homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.45% 22.18% 74.37%	Chrysotile	<0.1%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	<0.1%
1830202-018 0202-75	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1			Chrysotile	<0.1%
0202 70	ctacce, Cray, Tron nomegoneous	100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	3.47% 24.09% 72.44%	o,ooo	0 11,70
1000 pt. POINT CO	DUNT					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	<0.1%
1830202-019	Music Bldg					
0202-76	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	2.85% 24.62% 72.53%	Chrysotile	<0.1%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	<0.1%
1830202-020 0202-77	Music Bldg Stucco, Beige/Gray, Non- homogeneous		Organic/Volatile Material Acid Soluble Material Non-Asbestos Residue	6.05% 29.92% 64.03%	Chrysotile	<0.1%
1000 pt. POINT CO	TNUC					
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	<0.1%

PAGE: 4 of 5



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

Report Number 1830202

 Date Received
 02/09/2018

 Date Analyzed
 02/09/2018

 Date Reported
 02/12/2018

Method of Analysis

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number

WO Number Ref. PLM #1830178

Date Sampled 01/31/2018
Sampled By Jorge Robles

Total Samples 21

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 Location	Layer No. Non-Asbestos		Asbestos			
Sample No.	Description	Layer %	Components	(%)	Туре	(%)	
1830202-021	Music Bldg						
0202-78	Stucco, Beige/Gray, Non-	LAYER 1			Chrysotile	0.15%	
	homogeneous	100%	Organic/Volatile Material	3.28%			
			Acid Soluble Material Non-Asbestos Residue	22.93% 73.64%			
1000 pt. POINT CC	DUNT		Tron 7 to bestee 1 to stade	10.0170			
	Asbestos Present Yes	Tota	al % Non-Asbestos:	99.9% Tot a	al %Asbestos:	0.15%	

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

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

Analyst - Cristina Tabatt

Approved Signatory Cristina E. Tabatt

Lab Code 500044-0

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

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PAGE: 5 of 5



Alta Environmental

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-001	North/South Gym					
Gym-01	Drywall, Beige/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	10% <1 90%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-002	North/South Gym					
Gym-02	Drywall, Beige/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	30% <1 70%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-003	North/South Gym					
Gym-03	2x4 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	60% <1 35% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-004	North/South Gym					
Gym-04	2x4 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool	60% <1	None Detected	
	Bolge, Horritornogonoode	.00%	Perlite Binder/Filler	35% 5%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-005	North/South Gym					
Gym-05	Plaster, White/ Beige, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	35% 15% 50%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected

PAGE: 1 of 35



Attn.: Cesar Ruvalcaba

Date Reported

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

02/09/2018 **Total Samples** 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-006 Gym-06A	North/South Gym 12" Random peghole ceiling tile, Brown/White, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-007 Gym-06B	North/South Gym Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-008 Gym-07A	North/South Gym 12" Random peghole ceiling tile, Brown/White, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-009 Gym-07B	North/South Gym Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-010 Gym-08	North/South Gym Drywall (ceiling), Beige/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-011 Gym-09	North/South Gym Drywall (ceiling), Beige/ Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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	(%)			
1830178-012 Gym-10A	North/South Gym 12" Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 20% 35% 5%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-013 Gym-10B	North/South Gym Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-014 Gym-11A	North/South Gym 12" Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 20% 35% 5%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-015 Gym-11B	North/South Gym Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-016 Gym-12	North/South Gym 2x4 Smooth ceiling panel, White / Tan, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	60% <1 35% 5%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %		(%)	Asbestos Type	(%)
1830178-017	North/South Gym					
Gym-13	2x4 Smooth ceiling panel, White / Tan, Non-homogeneous		Cellulose Fiber Mineral Wool Perlite	60% <1 35%	None Detected	
			Binder/Filler	5%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-018	North/South Gym					
Gym-14	Duct Sealant, Gray, Homogeneous	LAYER 1			None Detected	
·		100%	Vermiculite Organic Binders/Filler	15% 85%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-019	North/South Gym					
Gym-15	Duct Sealant, Gray, Homogeneous	LAYER 1			None Detected	
		100%	Organic Binders/Filler	100%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-020	North/South Gym					
Gym-16	Duct Sealant, Gray, Homogeneous	LAYER 1			None Detected	
		100%	Organic Binders/Filler	100%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-021	North/South Gym					
Gym-17	Drywall composite w/ mud, White/	LAYER 1	Cellulose Fiber	5%	Chrysotile	<1%
	Brown/ Beige, Non-homogeneous	100%	Fibrous Glass	<1		
			Calcium Carbonate Gypsum/Binder/Filler	10% 85%		
	Asbestos Present Yes	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-022	North/South Gym					
Gym-21	Drywall mud (ceiling), Beige,	LAYER 1		4501	Chrysotile	<1%
	Homogeneous		Mica Calcium Carbonate Binder/Filler	15% 70% 15%		

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Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-023 Gym-22	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	(⁄lica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-024 Gym-23	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	(/lica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-025 Gym-24	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	(/lica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-026 Gym-25	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	(⁄lica Calcium Carbonate Sinder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-027 Gym-26	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	(⁄lica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-028 Gym-27	North/South Gym Drywall mud (ceiling), Beige, Homogeneous	(/lica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%

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Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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	(%)			
1830178-029	North/South Gym								
Gym-28A	Gravel roof core-Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	5% 30%	None Detected				
			Polystyrene Foam Bituminous Matrix/Filler	5% 60%					
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-030	North/South Gym								
Gym-28B	Gravel roof core-Felt/ Insulation,		Fibrous Glass	10%	None Detected				
	Black/ Yellow, Non-homogeneous	100%	Bituminous Matrix/Filler Polystyrene Foam	15% 75%					
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-031	North/South Gym								
Gym-28C	Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-032	North/South Gym								
Gym-29A	Gravel roof core-Felt/Tar (6 layers),	LAYER 1 100%	Fibrous Glass Cellulose Fiber	20% 2%	None Detected				
	Black/Brown, Non-homogeneous	100%	Bituminous Matrix/Filler	78%					
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-033	North/South Gym								
Gym-29B	Gravel roof core-Felt/Insulation,	LAYER 1 100%	Fibrous Glass Bituminous Matrix	<1% 5%	None Detected				
	Black/ Yellow, Non-homogeneous		Polystyrene Foam	95%					
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830178-034	North/South Gym								
Gym-29C	Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-035 Gym-30A	North/South Gym Gravel roof core-Felt/Tar (6 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	25% 75%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-036 Gym-30B	North/South Gym Gravel roof core-Felt/Insulation, Black/ Yellow, Non-homogeneous	LAYER 1 100%	Fibrous Glass Polystyrene Foam Bituminous Matrix	2% 90% 8%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-037 Gym-30C	North/South Gym Gravel roof core-Gravel, Brown, Non-homogeneous	LAYER 1 100%	Non-Fibrous Material	100%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-038 Gym-31	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-039 Gym-32	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-040 Gym-33	North/South Gym Patch mastic, Gray/ Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
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 02/09/2018
 Sampled By
 Jorge Robles

 Date Reported
 02/09/2018
 Total Samples
 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
1830178-041	North/South Gym					
Gym-34A	Rolled on roof core- Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 5% 70%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830178-042	North/South Gym					
Gym-34B	Rolled on roof core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830178-043	North/South Gym					
Gym-35A	Rolled on roof core- Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 5% 70%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
1830178-044	North/South Gym					
Gym-35B	Rolled on roof core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830178-045	North/South Gym					
Gym-36A	Rolled on roof core- Felt/Tar (5 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Synthetic Fiber Bituminous Matrix/Filler	25% 5% 70%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830178-046	North/South Gym					
Gym-36B	Rolled on roof core- Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica

PO Number WO Number

02/05/2018 01/31/2018 **Date Received Date Sampled Date Analyzed** 02/09/2018 Sampled By Jorge Robles **Date Reported**

02/09/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %		(%)	Asbestos Type	(%)
1830178-047 Gym-37	North/South Gym Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	<1% 80% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-048	North/South Gym					
Gym-38	Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	<1% 75% 25%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-049 Gym-39	North/South Gym Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Binder/Filler	<1% 60% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-050 Gym-40	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-051 Gym-41	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830178-052 Gym-42	North/South Gym Duct Sealant, White/ Gray, Non- homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-053 0201-01	Administration Bldg Button Board, Pink/Brown, Non- homogeneous		Cellulose Fiber Gypsum/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-054 0201-02	Administration Bldg Button Board, Pink/Brown, Non- homogeneous		Cellulose Fiber Gypsum/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-055 0201-03	Administration Bldg Joint compound (wall), Lt. Gray/White, Non-homogeneous		Perlite Calcium Carbonate Binder/Filler	15% 60% 25%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-056 0201-04	Administration Bldg Drywall (wall), Beige/ Brown, Non- homogeneous		Cellulose Fiber Gypsum/Filler	<1% 100%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-057 0201-05	Administration Bldg Drywall composite (wall), Beige/ Brown/Lt. Gray/White, Non- homogeneous	100%	Cellulose Fiber Perlite Calcium Carbonate Gypsum/Binder/Filler	2% 3% 15% 80%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-058 0201-06	Administration Bldg Joint compound (ceiling), White, Homogeneous		Calcium Carbonate Binder/Filler	80% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

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		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-059	Administration Bldg					
0201-07	Drywall ceiling, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
1830178-060	Administration Bldg					
0201-08	Drywall ceiling composite, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Binder/Filler	20% <1 2% 15% 63%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
1830178-061 0201-09A	Administration Bldg 12x12 Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
1830178-062	Administration Bldg					
0201-09B	Glue, Yellow, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected
1830178-063	Administration Bldg					
0201-10A	12x12 Fissured ceiling tile, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot	tal %Asbestos:	No Asbestos Detected

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Project Number SMSD-18-7472

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Date Reported 02/09/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials.

		Test R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-064	Administration Bldg					
0201-10B	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
1830178-065 0201-11A	Administration Bldg 12x12 random pehole ceiling tile, White/ Beige, Non-homogeneous	100% [[]	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-066 0201-11B	Administration Bldg 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
1830178-067 0201-12A	Administration Bldg 12x12 random peghole ceiling tile, White/ Beige, Non-homogeneous	100% [[]	Cellulose Fiber Mineral Wool Perlite Binder/Filler	35% 25% 35% 5%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-068 0201-12B	Administration Bldg 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
1830178-069	Administration Bldg					
0201-13	2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	100% F	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	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	(%)			
1830178-070 0201-14	Administration Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	60% 35% 5%	None Detected				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected			
1830178-071 0201-15	Administration Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite	60% 35%	None Detected				
	Asbestos Present No	Tota	Binder/Filler	5% 100.0% Tota	l %Asbestos:	No Asbestos Detected			
1830178-072 0201-16	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected			
1830178-073 0201-17	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected				
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected			
1830178-074 0201-18	Administration Bldg Moisture paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected			
1830178-075 0201-19	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %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 R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-076 0201-20	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	(Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-077 0201-21	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	(Quartz Calcium Carbonate Binder/Filler	45% 25% 30%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-078 0201-22	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	(Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-079 0201-23	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	(Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-080 0201-24	Administration Bldg Stucco, Beige/ Gray, Non- homogeneous	(Quartz Calcium Carbonate Binder/Filler	40% 30% 30%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota l	%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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-081 0201-25A	Administration Bldg Rolled on roof core- Capsheet, White/ Black, Non-homogeneous		Fibrous Glass Wollastonite Quartz Bituminous Matrix/Filler	10% 2% 5% 83%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-082 0201-25B	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-083 0201-25C	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-084 0201-25D	Administration Bldg Rolled on roof core- Insulation, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-085 0201-26A	Administration Bldg Rolled on roof core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Wollastonite Quartz Bituminous Matrix/Filler	10% 2% 5% 83%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-086 0201-26B	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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Long Beach CA 90807

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-087 0201-26C	Administration Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-088 0201-26D	Administration Bldg Rolled on roof core- Insualtion, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-089 0201-27A	Administration Bldg Rolled on roof core- Capsheet, White/ Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Wollastonite Quartz Bituminous Matrix/Filler	10% 2% 5% 83%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-090 0201-27B	Administration Bldg Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-091 0201-27C	Administration Bldg Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	50% 50%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-092 0201-27D	Administration Bldg Rolled on roof core- Insulation, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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

Determination of Asbestos in Bulk Building Materials.

Test Report							
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)	
1830178-093 0201-28	Administration Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Binder/Filler	<1% 5% 95%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To t	tal %Asbestos:	No Asbestos Detected	
1830178-094	Administration Bldg	LAVED 4	Callulana Fibar	20/	None Detected		
0201-29	Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Binder/Filler	2% 10% 88%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To t	tal %Asbestos:	No Asbestos Detected	
1830178-095 0201-30	Administration Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix Binder/Filler	2% 10% 88%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To t	tal %Asbestos:	No Asbestos Detected	
1830178-096 0201-31	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To 1	tal %Asbestos:	No Asbestos Detected	
1830178-097 0201-32	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To t	tal %Asbestos:	No Asbestos Detected	
1830178-098 0201-33	Administration Bldg Vibration reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	30% 70%	None Detected		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% To t	tal %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 Location** Layer No. **Non-Asbestos** Asbestos Sample No. Description Layer % Components (%) (%) Type 1830178-099 Administration Bldg Synthetic Fiber <1% None Detected 0201-34 Duct Sealant, Gray, Homogeneous LAYER 1 100% Organic Binders/Filler 100% Asbestos Present No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos **Detected** 1830178-100 Administration Bldg 0201-35 Duct Sealant, Gray, Homogeneous LAYER 1 Synthetic Fiber <1% None Detected 100% Organic Binders/Filler 100% Asbestos Present No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos Detected 1830178-101 Administration Bldg 0201-36 Duct Sealant, Gray, Homogeneous LAYER 1 Synthetic Fiber <1% None Detected 100% Organic Binders/Filler 100% Total % Non-Asbestos: 100.0% Total %Asbestos: Asbestos Present No. No Asbestos Detected 1830178-102 Music Bldg 45% 0202-01 2x2 Fissured ceiling panel, White w/ LAYER 1 Cellulose Fiber None Detected Mineral Wool 15% Sq Pat, Non-homogeneous 100% Perlite 35% Binder/Filler 5% Total % Non-Asbestos: Asbestos Present No 100.0% Total %Asbestos: No Asbestos **Detected** 1830178-103 Music Bldg 45% 0202-02 2x2 Fissured ceiling panel, White w/ LAYER 1 Cellulose Fiber None Detected Mineral Wool 15% Sq Pat, Non-homogeneous 100% 35% Perlite Binder/Filler 100.0% Total %Asbestos: No Asbestos Asbestos Present No Total % Non-Asbestos: **Detected** 1830178-104 Music Bldg 0202-03 2x2 Fissured ceiling panel, White w/ LAYER 1 Cellulose Fiber 45% None Detected Sq Pat, Non-homogeneous Mineral Wool 15% 100% Perlite 35% Binder/Filler 5% Asbestos Present No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos **Detected**

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02/05/2018

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Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-105 0202-04A	Music Bldg 12" Random peghole ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-106 0202-04B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected
1830178-107 0202-05A	Music Bldg 12" Random peghole ceiling tile, White/ Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T o	otal %Asbestos:	No Asbestos Detected
1830178-108 0202-05B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-109 0202-06A	Music Bldg 12" Random peghole ceiling tile, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-110 0202-06B	Music Bldg Mastic, Brown, Homogeneous	LAYER 1 100%	Organic Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected

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Total Samples 194

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 Location** Layer No. **Non-Asbestos** Asbestos Sample No. Description Layer % Components (%) (%) Type 1830178-111 Music Bldg 12" Fissured ceiling tile, White/ LAYER 1 Wood Fiber 95% None Detected 0202-07A Brown, Non-homogeneous 100% Binder/Filler 5% Total % Non-Asbestos: Asbestos Present No 100.0% Total %Asbestos: No Asbestos Detected 1830178-112 Music Bldg 0202-07B Mastic, Brown, Homogeneous LAYER 1 None Detected 100% Organic Binders/Filler 100% Asbestos Present No Total % Non-Asbestos: 100.0% Total %Asbestos: **No Asbestos Detected** 1830178-113 Music Bldg LAYER 1 Wood Fiber 95% None Detected 12" Fissured ceiling tile, White/ 0202-08A Brown, Non-homogeneous 100% Binder/Filler 5% Asbestos Present No 100.0% Total %Asbestos: No Asbestos Total % Non-Asbestos: **Detected** 1830178-114 Music Bldg 0202-08B Mastic, Brown, Homogeneous LAYER 1 None Detected 100% 100% Organic Binders/Filler Asbestos Present No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos **Detected** 1830178-115 Music Bldg 0202-09A 12" Fissured ceiling tile, White/ LAYER 1 Wood Fiber 95% None Detected Brown, Non-homogeneous 100% Binder/Filler 5% Asbestos Present No Total % Non-Asbestos: 100.0% Total %Asbestos: No Asbestos **Detected** 1830178-116 Music Bldg 0202-09B Mastic, Brown, Homogeneous LAYER 1 None Detected 100% Organic Binders/Filler 100% Total % Non-Asbestos: Asbestos Present No 100.0% Total %Asbestos: No Asbestos **Detected**

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3777 Long Beach Blvd.

Long Beach CA 90807 Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica

PO Number WO Number

02/05/2018 01/31/2018 **Date Received Date Sampled Date Analyzed** 02/09/2018 Sampled By Jorge Robles **Date Reported** 02/09/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
	<u>`</u>		<u>-</u>			
1830178-117	Music Bldg					
0202-10	Drywall (wall), White, Homogeneous	LAYER 1	Cellulose Fiber Fibrous Glass	<1% <1	None Detected	
		100%	Gypsum/Filler	100%		
			C) poul	.0070		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
1830178-118	Music Bldg					
0202-11	Drywall (wall), White, Homogeneous	LAYER 1	Cellulose Fiber	<1%	None Detected	
		100%	Fibrous Glass	<1		
			Gypsum/Filler	100%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
1830178-119	Music Bldg					
0202-12	Drywall (wall), White, Homogeneous	LAYER 1	Cellulose Fiber	<1%	None Detected	
		100%	Fibrous Glass	<1		
			Gypsum/Filler	100%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
1830178-120	Music Bldg					
0202-13	Drywall mud (wall), White, Non-	LAYER 1			None Detected	
	homogeneous	100%	Perlite	20%		
			Calcium Carbonate Binder/Filler	55% 25%		
			Diridei/Fillei	2570		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected
1830178-121	Music Bldg					
0202-14	Drywall mud (wall), White, Non-	LAYER 1			None Detected	
	homogeneous	100%	Perlite	20%		
			Calcium Carbonate Binder/Filler	55% 25%		
			DITIUEI/FIIIEI	2570		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

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Project Number SMSD-18-7472

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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 R	eport			
Laboratory ID Sample No.	Sample Location Description		Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-122 0202-15	Music Bldg Drywall mud (wall), White, homogeneous	Non-		Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
	Asbestos Present No		Total	% Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830178-123 0202-16	Music Bldg Drywall mud (wall), White, homogeneous	Non-		Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
	Asbestos Present No		Total	% Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830178-124 0202-17	Music Bldg Drywall mud (wall), White, homogeneous	Non-		Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
	Asbestos Present No		Total	% Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830178-125 0202-18	Music Bldg Drywall mud (wall), White, homogeneous	Non-		Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
	Asbestos Present No		Total	% Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830178-126 0202-19	Music Bldg Drywall mud (wall), White, homogeneous	Non-		Perlite Calcium Carbonate Binder/Filler	20% 55% 25%	None Detected	
	Asbestos Present No		Total	% Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	-	(%)	Asbestos Type	(%)
1830178-127	Music Plda					
0202-20	Music Bldg Drywall composite (wall), White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Perlite Calcium Carbonate Gypsum/Filler	<1% <1 5% 30% 65%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-128	Music Bldg					
0202-21	Drywall ceiling, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	5% 1%	None Detected	
			Gypsum/Filler	94%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-129	Music Bldg					
0202-22	Drywall ceiling, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	5% 1%	None Detected	
			Gypsum/Filler	94%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-130	Music Bldg					
0202-23	Drywall ceiling, White/ Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	5% 1%	None Detected	
	-		Gypsum/Filler	94%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	No Asbestos Detected
1830178-131	Music Bldg					
0202-24	Drywall mud ceiling, Beige,	LAYER 1			Chrysotile	<1%
	Homogeneous	100%	Mica Calcium Carbonate Binder/Filler	15% 70% 15%		
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	<1%

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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 R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-132 0202-25	Music Bldg Drywall mud ceiling, Beige, Homogeneous		Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-133 0202-26	Music Bldg Drywall mud ceiling, Beige, Homogeneous		Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-134 0202-27	Music Bldg Drywall mud ceiling, Beige, Homogeneous		Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-135 0202-28	Music Bldg Drywall mud ceiling, Beige, Homogeneous		Mica Calcium Carbonate Binder/Filler	15% 70% 15%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-136 0202-29	Music Bldg Drywall composite ceiling, White/ Brown/ Beige, Non-homogeneous	100%	Cellulose Fiber Fibrous Glass Calcium Carbonate Gypsum/Binder/Filler	10% <1 15% 75%	Chrysotile	<1%
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	<1%
1830178-137 0202-30	Music Bldg Duct Sealant, Gray, Homogeneous		Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Long Beach CA 90807

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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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-138	Music Dida					
0202-31	Music Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-139	Music Bldg					
0202-32	Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Synthetic Fiber Organic Binders/Filler	<1% 100%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-140	Music Bldg					
0202-33	Duct Sealant, White, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	30% 70%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-141	Music Bldg					
0202-34	Duct Sealant, White, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	15% 85%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-142	Music Bldg					
0202-35	Duct Sealant, White, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Organic Binders/Filler	15% 85%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-143	Music Bldg					
0202-36A	Rolled on roof core- Capsheet, White/	LAYER 1	Fibrous Glass	15%	None Detected	
	Black, Non-homogeneous	100%	Bituminous Matrix Binder/Filler	70% 15%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

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 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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. Non-Asbestos Layer % Components	Asbestos (%) Type	(%)
1830178-144	Music Bldg			
0202-36B	Rolled on roof core- Felt (2 layers), Black, Non-homogeneous	LAYER 1 Fibrous Glass 100% Bituminous Matrix/Filler	30% None Detected 70%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830178-145	Music Bldg			
0202-36C	Rolled on roof core- Felt, Black, Homogeneous	LAYER 1 Cellulose Fiber 100% Bituminous Matrix	50% None Detected 50%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830178-146	Music Bldg			
0202-36D	Rolled on roof core- Insulation, Brown/Yellow, Non-homogeneous	LAYER 1 Cellulose Fiber 100% Polystyrene Foam	50% None Detected 50%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830178-147	Music Bldg			
0202-37A	Rolled on roof core- Capsheet, Black, Homogeneous	LAYER 1 Fibrous Glass 100% Bituminous Matrix/Filler	15% None Detected 85%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830178-148	Music Bldg			
0202-37B	Rolled on roof core- Felt (3 layers), Black, Non-homogeneous	LAYER 1 Fibrous Glass 100% Bituminous Matrix/Filler	30% None Detected 70%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830178-149	Music Bldg			
0202-37C	Rolled on roof core- Felt (4 layers), White/ Black, Non-homogeneous	LAYER 1 Cellulose Fiber 100% Bituminous Matrix	50% None Detected 50%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

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 02/09/2018
 Total Samples
 194

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 A	Asbestos in Bulk	Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-150	Music Bldg					
0202-37D	Rolled on roof core- Insulation, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam	90% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-151	Music Bldg					
0202-38A	Rolled on roof core- Tar/Felt (2 layers), Black, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	10% 15%	None Detected	
	, ,,		Bituminous Matrix/Filler	75%		
	Asbestos Present No	sbestos Present No Total % Non-Asbestos:			%Asbestos:	No Asbestos Detected
1830178-152	Music Bldg					
0202-38B	Rolled on roof core- Felt (3 layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	30% 70%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-153	Music Bldg					
0202-38C	Rolled on roof core- Felt (2 layers),	LAYER 1	Cellulose Fiber	70%	None Detected	
	Black/Gray, Non-homogeneous	100%	Fibrous Glass Bituminous Matrix	<1 30%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-154	Music Bldg					
0202-38D	Rolled on roof core- Insulation, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam	50% 50%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-155 0202-39	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	60% 40%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Long Beach CA 90807

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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 R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-156 0202-40	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous		Bituminous Matrix Binder/Filler	60% 40%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-157 0202-41	Music Bldg Penetration Mastic, White/ Black, Non-homogeneous		Bituminous Matrix Binder/Filler	60% 40%	None Detected	
	Asbestos Present No	Total % Non-Asbestos:		100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-158 0202-42	Music Bldg Window Putty, Beige/Cream, Non- homogeneous		Calcium Carbonate Binder/Filler	80% 20%	None Detected	
	Asbestos Present No	Total % Non-Asbestos:		100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-159 0202-43	Music Bldg Window Putty, Beige/Cream, Non- homogeneous		Calcium Carbonate Binder/Filler	80% 20%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-160 0202-44	Music Bldg Window Putty, Beige/Cream, Non- homogeneous		Calcium Carbonate Binder/Filler	80% 20%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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Long Beach CA 90807

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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		sbestos onents (%)	Asbestos Type	(%)
1830178-161 0202-45	Music Bldg Button Board, Beige/Brown, Non- homogeneous	LAYER 1 Cellulose F 100% Fibrous Gl Gypsum/F	ass <1	None Detected	
	Asbestos Present No	Total % Non-A	sbestos: 100.0% T	otal %Asbestos:	No Asbestos Detected
1830178-162 0202-46	Music Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 Cellulose F 100% Fibrous GI Mica Gypsum/F	ass <1 5%	None Detected	
	Asbestos Present No	Total % Non-A	sbestos: 100.0% T (otal %Asbestos:	No Asbestos Detected
1830178-163 0202-47	Music Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 Cellulose F 100% Fibrous GI Mica Gypsum/F	ass <1 5%	None Detected	
	Asbestos Present No	Total % Non-A	sbestos: 100.0% T	otal %Asbestos:	No Asbestos Detected
1830178-164 0202-48	Music Bldg Roofing debris, White/Brown/Black, Non-homogeneous Note: Qualitative Analysis	LAYER 1 Cellulose F 100% Fibrous GI Wood Fibe Bituminous Gypsum/B	ass Present er Present	t t	
	Asbestos Present No	Total % Non-A	sbestos: 100.0% T	otal %Asbestos:	No Asbestos Detected
1830178-165 0202-49	Music Bldg Roofing debris, White/Brown/Yellow, Non- homogeneous Note: Qualitative Analysis	LAYER 1 Cellulose F 100% Fibrous Gl Wood Fibe Gypsum/B	ass Present	t t	
	Asbestos Present No	Total % Non-A	asbestos: 100.0% T	otal %Asbestos:	No Asbestos Detected

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		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-166 0202-50	Music Bldg Roofing debris, White/Brown/Black, Non-homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Quartz Gypsum/Binder/Filler	Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-167 0202-51	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-168 0202-52	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-169 0202-53	Music Bldg Barrier Paper, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix	40% 60%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-170 0202-54	Music Bldg Acoustical wall panel/board, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Mineral Wool Woof Fiber Binder/Filler	40% 50% 10%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-171 0202-55	Music Bldg Acoustical wall panel/board, White/Brown/Yellow, Non- homogeneous	LAYER 1 100%	Mineral Wool Wood Fiber Binder/Filler	20% 65% 15%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830178

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-172 0202-56	Music Bldg Acoustical wall panel/board, Brown/Yellow, Non-homogeneous	LAYER 1 100%	Mineral Wool Wood Fiber Binder/Filler	35% 50% 15%	None Detected	
	Asbestos Present No	Total % Non-Asbestos:		100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-173 0202-57	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	25% 20% 55%	None Detected	
	Asbestos Present No	Total % Non-Asbestos:		100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-174 0202-58	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	40% 15% 45%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-175 0202-59	Music Bldg Rough wall plaster, Beige, Non- homogeneous	LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830178-176 0202-60	Music Bldg Rough wall plaster, White/ Beige, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	40% 15% 45%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830178

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica

PO Number WO Number

02/05/2018 01/31/2018 **Date Received Date Sampled Date Analyzed** 02/09/2018 Sampled By Jorge Robles **Date Reported**

02/09/2018 **Total Samples**

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-177 0202-61	Music Bldg Rough wall plaster, White/ Beige,	LAYER 1			None Detected	
	Non-homogeneous	100%	Quartz Calcium Carbonate Gypsum/Binder/Filler	40% 15% 45%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-178	Music Bldg					
0202-62		- LAYER 1	0 1	400/	None Detected	
	homogeneous	100%	Quartz Gypsum/Binder/Filler	40% 60%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-179	Music Bldg					
0202-63		LAYER 1	•	400/	None Detected	
	homogeneous	100%	Quartz Gypsum/Binder/Filler	40% 60%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-180	Music Bldg					
0202-64		LAYER 1	Outside	400/	None Detected	
	homogeneous	100%	Quartz Gypsum/Binder/Filler	40% 60%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-181	Music Bldg					
0202-65		LAYER 1	_		None Detected	
	homogeneous	100%	Quartz Gypsum/Binder/Filler	55% 45%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830178

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

Date Reported 02/09/2018 Total Samples 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-182 0202-66	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	- LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-183 0202-67	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	- LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830178-184 0202-68	Music Bldg Acoustical plaster ceiling, Gray, Non- homogeneous	- LAYER 1 100%	Quartz Gypsum/Binder/Filler	45% 55%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-185 0202-69	Music Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830178-186 0202-70	Music Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

PAGE: 33 of 35



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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472
3777 Long Beach Blvd. Project Name SAMOHI

Location Santa Monica

Attn.: Cesar Ruvalcaba PO Number Report Number 1830178 WO Number

 Date Received
 02/05/2018
 Date Sampled
 01/31/2018

 Date Analyzed
 02/09/2018
 Sampled By
 Jorge Robles

 Date Reported
 02/09/2018
 Total Samples
 194

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830178-187 0202-71	Music Bldg 2x4 Fissured ceiling panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	45% 15% 35% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	No Asbestos Detected
1830178-188 0202-72	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 35% 25%	Chrysotile	<1%
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	<1%
1830178-189 0202-73	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	45% 35% 20%	Chrysotile	<1%
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tot a	ıl %Asbestos:	<1%
1830178-190 0202-74	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	35% 40% 25%	Chrysotile	<1%
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	<1%
1830178-191 0202-75	Music Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Quartz Calcium Carbonate Binder/Filler	40% 35% 25%	Chrysotile	<1%
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% Tot a	ıl %Asbestos:	<1%

PAGE: 34 of 35



02/05/2018

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Date Received

Report Number 1830178

Project Number SMSD-18-7472

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

Project Name SAMOHI

Location Santa Monica

PO Number WO Number

Date Sampled 01/31/2018

Total Samples

02/09/2018 **Date Analyzed** Sampled By Jorge Robles **Date Reported** 02/09/2018

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

		Test R	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
Cample No.	Description	Layer 70	Components	(70)	туре	(70)
1830178-192	Music Bldg					
0202-76	Stucco, Gray, Non-homogeneous	LAYER 1			Chrysotile	<1%
		100%	Quartz	40%		
			Calcium Carbonate	35%		
		Binder/Filler		25%		
	Asbestos Present Yes	Total % Non-Asbestos:		100.0% Tota	%Asbestos:	<1%
1830178-193	Music Bldg					
0202-77	Stucco, Beige/Gray, Non-	LAYER 1			Chrysotile	<1%
	homogeneous	100%	Quartz	45%		
	C		Calcium Carbonate	25%		
			Binder/Filler	30%		
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Tota	%Asbestos:	<1%
1830178-194	Music Bldg					
0202-78	Stucco, Beige/Gray, Non-	LAYER 1			Chrysotile	<1%
	homogeneous	100%	Quartz	45%	-	
	3		Calcium Carbonate	25%		
			Binder/Filler	30%		
	Asbestos Present Yes	Total	% Non-Asbestos:	100.0% Tota	%Asbestos:	<1%

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.

Lab Code 500044-0

PAGE: 35 of

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.	1830178	
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	CUSTOMER INF	ORMATIO	N	Turnaround Tin	ne	Shipped I	Ву	Repo	rt Send Via	a:
Company	Alta En	vironment	al	Same Day] F	edex		Web		
Address	3777 Long E	Beach Bou	levard	1 Day	_ U	PS		Email		
City/State/Zip	Long Bea	ch, CA 90	807	2 Day		SPS		Fax		
Contact	Cesar Ruvale	e 6a Da	Haluviran		/	rop Off		Verbal		
Office Phone		495-5777		5 Day		rop Box		Mail		
Cell				Weekend [ther		Pick up		
Fax	562/	495-5877		Special Instr				1 Tok up		
Email										
			PROJECT	INFORMATIO	N					
Project Name:	SAMOHI			PO Number:						_
Project Number:	3MSO-18-7	1472		Work Order No	ic.	-				
Location:	SANTA MOR			Sampled By:	14	71	Orge Rocles			
				January,			rge	rose	2	
PL			CM	MC	DLD			LEAD	(Pb)	
PLM EPA 600/R-9		NIOSH 74		Spore	Trap \Box		Air		TTLC	
PLM 400 Pt. Coun		NIOSH 74		Tape			Paint		STLC	
PLM 1000 Pt. Cou	nt (<0.1%)	w/ TWA		Bulk S	Sample		Vipe Soil		TCLP	
SAMPLE ID	SAMPLE TY	PE		LOCATION			Date	Start Time	Avg	Volume
							mpled	Stop Time	Flow Rate	(L)
gym-01	Drywall		North	South G	ym	1/.	31/18			12
-02	1			1						1=1
-03	2x4 Fissured	ceiling		Witte					1 5	
	1									
-04	n/ /									
-05		2006010								
-06	12" Random & Ceiling tile w/	mastic								
-07	T			4		- 49				
-08	Drywall (ceili	(0)				- 1				
-09	1	3.								
	12" fisewood C	eiling								
-/0	tile w/ gla	il I			2		-		1	
Relinquished By:	Ball	Do to the		Received By:	02/05	1 cha	W			
Date/Time:	102/5/18	630		Date/Time:	02/05	118	. 1	1637		

Lab Forms Ver. 082411

CHAIN OF CUSTODY

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



Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
gym-11	12" fissured ceiling file w/ glue 2x4' smooth ceiling	North	South Gym	131/18			
1 -12	panel panel	,					
-/3	1						
-/4	Duct Sealant				CO C		
-15							
-160	1						
-/7	Drywall composite w/ much (reiling) Drywall much						
-21	Drywall mid						
-22							
-23							
24		***					
-25							
-26							
-27	4						
-28	Grand Roof Core						
-29							
-30	+						
-31	gray patch mustic						
-32							
L -33	+		1	11	#* CA W SO SO SO SO SO SO SO SO		O Propagation
elinguished By:	ALL.	Rece	rived By: 27	abatt			
ate/Time:	2/5/18 /430	Date	Time: 02/05/	18,1	637	Lab For	

Lab Forms Ver. 082411

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



Company: Alta Environmental

Project Number: 5MSD-18-7472

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Samp	AND	Avg Flow Rate	Volum (L)
99m -3	of roof core	Norte	h/ South gym	1/31/	8		
-35	:			1	and they get any day one of the part of the		
-30							
-3	7 white penetration 7			1 234	24 50 to 25 00 to 30 mg 40 00 to 30		
-38							
-3							
-40	white/grey out Sealant				******		
14					w M at the let white the late of		
1 -4:	2 1	L					
0201-01		Admi	nistration Bldy	2/1/1	8		
- 02	1		1		Tage 450 600 Ann 850 600 955 600 500 Ann 330		
-03	s joint compound						
-04	Drywall (wall)				607 MIL TO SHE NO MIL NO 600 AND 900 NO		
-05	Drywall composite						
-00	joint compound				00 to 10 to 10 to 10 to 10 to 10 to		
-0-	Orywall ceiling						
-08	Demiall consider						
-09	ceiling file w/ glac						
-10	, 1						
1-11	Certing tile w/ gine		1	1	*********		
elinquished By	100		Received By:	2 Tebal	t		

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



Company: Alta Environmental Project Number: SMSD-18-7472 SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0201-12	Ceiling the wyster	Administration Blag	2/1/18		T Total T Late	(=/
1 -13	2x4 Frisswell ceiling					
-14	1					
-15)	
-14	moisture paper					
-17	1					
-/8	1					
5-19	stucco					
-20	1			W		
-21						
-23						
-23						
-24	1					
-25	gray rolled on roof core					
-2¢ -27	1					
-27						The section of the se
-2%	White penetration					
-29				SEC COL MAI AND GER AND AND REAL EAST TOO		
-30	1					
-31	Vibration reducer			W 08 W 10 M 10 M 10 W 10 M 10 M		
ন elinquished By:	(A) (3)	Received By:	Tabatt			

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



Company: Alta Environmental

Project Number: SMSD-18-7412

Project Name: SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0201-32	libration reduce	Adan	insstration doly	2/1/18	**********		
-33	1			1			
-34	Duct Seulant						
-35				$\perp \downarrow \perp$			-
1 -36		+		L			
0202-01	2x2 Fissured reining parel	Mus	ric Blag	2/2/18			
-02							
-03	-						
-04	2" Random pughole Beiling file w/ mastre						
-05							
-06	+						
-07	12" Fissured ceiling tile w/ mastic						
-08	1						
-09							
-10	Doywall (wall)						
~11					********		
-12	7						
-13	Drywall mud (wari)				*********		
-14					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
-15	1	4		1			
elinquished By:	15/B 1630		Received By: 02/25	abatt	1437	The state of the s	

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



Project Name:

Company: Alta Environmental Project Number: SMSD-18-7472 SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0202-16	Drywall mud (war)	Music Blog				1-7
1-17	4					
-18						
-19	1 4					
-20	Drywall composite					
	Drywall ceiling					
-22						
-23	; +					
-24	Prywall Mud Ceiling					
25						THE REAL PROPERTY.
-26				*****		
-27						
-28				*********		
-29	Drywall composite					
-30	Drywall composite ceiling Gray Dact Sealant					
31						- Pone, North
-32	T		and the second s			-
-33	white Duct sealant					
-34	1					
-35		-1				
linguished By:	身至	Received By:	105/18,	t		-
ite/Time:	2/5/18 1630	Date/Time: 03	105/18.	1637		

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



Company: Alta Environmental

Project Number: SMSD-18-7472
Project Name: SMMOH;

Project Name:

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE		LOCATION	Sai	ate mpled	Start Time Stop Time	Avg Flow Rate	Volum (L)
2002-36	white collection	Musi	ie Bldg	2/	1/8	# (0 \$) W (0 \$) & to to m m		
-37				- T				
-38						00 Mi dil me ma ta tap me qui an ca		
-39	white penetration mastic		-					
-40	1					*******		
-41	I							
~42	window putty					******		
-43								
-44	1							
-45	Button Board							
-46								
-47	L							
-48	Rooting Debris					~~~~~		
-49	1				detaile supri			
-50								
	Barrier Paper							
-52	1							
-53	1					Ap 00 w m to up to m to up 10	-	
-54	Acoustical wall parel / Board		- The state of the					***************************************
1-55	1	1	The Control of the Co					***
elinquished By:	Sel -3		Received By:	12Tel	1	tt		

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

Ver. 082411



Company: Alta Environmental SMSD-18-7472 Project Number:

(Lab) Order No. 1830178

SAMOHI **Project Name:** SAMPLE ID SAMPLE TYPE LOCATION Start Time Volume Avg Sampled Stop Time Flow Rate (L) Acoustical wall 8202-56 panel / Board Music Blog -57 Rough wall plaster -58 -59 -60 61 Acoustical plaster ceiling -63 -64 -66 -67 -69 2x4 Fissured ceiling -76 -72 Struco -13 -74 Relinquished By: Received By: Date/Time: Date/Time: Lab Forms

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



Project Name:

Company: Alta Environmental

Project Number: SM50-18-7472

SAMOHI

(Lab) Order No. 1830178

SAMPLE ID	SAMPLE TYPE	LOCATION	Date	Start Time	Avg	Volume
			Sampled	Stop Time	Flow Rate	(L)
202 -76	Stucco	Music Bldg	2/2/18			
) -77						
1 -78	T		1			
		North / South Gym	1/31/18	7 215	regard	1
1-44	window putty	7500110 47710	1	5	Per The 02/08/1	
1-45	1				67	8 10.0
		The second secon				
				10° 60° 60° 10° 10° 10° 10° 10° 10° 10° 10° 10° 1		
				NO 607 000 NO SER SER SER SER SER SER		
	and the state of t					
	-					
	Na Colombia			40 40 40 40 40 40 40 40 40 40 to		
elinquished By:	195/18 163	Received By:	Taball	7		



Attn.: Cesar Ruvalcaba

Date Reported

Report Number 1830176

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

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/07/2018
 Date Sampled
 01/24/2018

 Date Analyzed
 02/08/2018
 Sampled By
 Jorge Robles

02/08/2018 Total Samples 3

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 Location	Layer No		(0/)	Asbestos	(0/)
Sample No.	Description	Layer %	Components	(%)	Туре	(%)
1830176-001	Art Bldg					
0125-A7	Window Putty, Gray, Non-	LAYER 1			Chrysotile	0.62%
	homogeneous	100%	Acid Soluble Material	88.01%		
			Organic/Volatile Material Non-Asbestos Residue	9.39% 1.98%		
1000 pt. POINT CO	OLINT		Non-Aspesios Nesidue	1.90 /0		
1000 pt. POINT CO	JUNI					
	Asbestos Present Yes	Tota	al % Non-Asbestos:	99.4% Tot	tal %Asbestos:	0.62%
1830176-002	Art Bldg					
0125-A8	Window Putty, Gray, Non-	LAYER 1			Chrysotile	0.51%
	homogeneous	100%	Acid Soluble Material	88.47%		
			Organic/Volatile Material Non-Asbestos Residue	8.88% 2.14%		
1000 pt. POINT CO	OUNT		Non Addedies Residue	2.1470		
·	Asbestos Present Yes	Tota	al % Non-Asbestos:	99.5% T ot	tal %Asbestos:	0.51%
1000170 000					iai 70A000000.	0.0170
1830176-003	Art Bldg	LAVEDA			Ohm matila	0.570/
0125-A9	Window Putty, Gray, Non-	LAYER 1 100%	Acid Soluble Material	07.540/	Chrysotile	0.57%
	homogeneous	100%	Organic/Volatile Material	87.51% 9.78%		
			Non-Asbestos Residue	2.14%		
1000 pt. POINT CO	TAUC					
	Asbestos Present Yes	Tota	al % Non-Asbestos:	99.4% Tot	tal %Asbestos:	0.57%

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

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

Analyst - Fred happelear

Approved Signatory Cristina E. Tabatt

Lab Code 500044-0

PAGE: 1 of 1



3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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. Non-Asbestos Layer % Components	Asbestos (%) Type	(%)
1830167-001 0129-01A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 Mineral Wool 100% Binder/Filler	85% None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-002 0129-01B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100% Adhesive Binders/filler	None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-003 0129-02A	Barnum Hall 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 Mineral Wool 100% Binder/Filler	85% None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-004 0129-02B	Barnum Hall Mastic, Yellow, Homogeneous	LAYER 1 100% Adhesive Binders/Filler	None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-005 0129-03	Barnum Hall Ceiling Tile Mastic, Yellow, Homogeneous	LAYER 1 100% Adhesive Binders/Filler	None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-006 0129-04	Barnum Hall Duct Sealant, Gray/Yellow, Non- homogeneous	LAYER 1 100% Adhesive Binders/Filler	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 F	Report			
Laboratory ID Sample No.	Sample Location Description		Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-007 0129-05	Barnum Hall Duct Sealant, Gray/Yellow, homogeneous	Non-	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-008 0129-06	Barnum Hall Duct Sealant, Gray/Yellow, homogeneous	Non-	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-009 0129-07	Barnum Hall Stucco, Yellow/White/Gray, homogeneous	Non-	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-010 0129-08	Barnum Hall Stucco, Yellow/White/Gray, homogeneous	Non-	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-011 0129-09	Barnum Hall Stucco, Yellow/White/Gray, homogeneous	Non-	LAYER 1 100%	Fibrous Glass Calcium Carbonate Quartz Other Non-Fibrous Material	<1% 20% 45% 35%	None Detected	
	Asbestos Present No		Tota	ıl % Non-Asbestos:	100.0% Tota l	l %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 F	Report			
Laboratory ID	Sample Location	Layer No	-		Asbestos	
Sample No.	Description	Layer %	Components	(%)	Туре	(%)
1830167-012	Barnum Hall					
0129-10	Smooth Plaster Wall, Beige, Non-	LAYER 1	Jute Fiber	<1%	None Detected	
	homogeneous	100%	Quartz	40%		
			Gypsum Other Non-Fibrous Material	40%		
			Other Non-Fibrous Material	20%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-013	Barnum Hall					
0129-11	Smooth Plaster Wall, White/Beige,	LAYER 1	Jute Fiber	<1%	None Detected	
0123-11	Non-homogeneous	100%	Calcium Carbonate	10%	TO DO DO LOCATO	
	·· ··-·		Quartz	40%		
			Gypsum	35%		
			Other Non-Fibrous Material	15%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-014	Barnum Hall					
0129-12	Rough Plaster Wall, Green/Beige,	LAYER 1	Jute Fiber	<1%	None Detected	
	Non-homogeneous	100%	Gypsum	40%		
			Quartz Other Non-Fibrous Material	40% 20%		
			Carol Non Fibrodo Matorial	2070		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-015	Barnum Hall					
0129-13	Rough Plaster Wall, Green/Beige,	LAYER 1	Jute Fiber	<1%	None Detected	
	Non-homogeneous	100%	Calcium Carbonate	15%		
			Gypsum Quartz	40% 25%		
			Perlite	10%		
			Other Non-Fibrous Material	10%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-016	Barnum Hall					
0129-14A	Roof Core - Membrane,	LAYER 1			None Detected	
	White/Black, Non-homogeneous	100%	Bituminous Material Other Non-Fibrous Material	15% 85%		
	Asbestos Present No	Tota	I % 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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
1830167-017 0129-14B	Barnum Hall Roof Core - Composition Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-018 0129-14C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-019 0129-14D	Barnum Hall Roof Core - Paper, Pink, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-020 0129-15A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	15% 85%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-021 0129-15B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), White/Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	15% 65% 20%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-022 0129-15C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Date Reported 02/12/2018 Total Samples 12

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

Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-023 0129-15D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-024 0129-16A	Barnum Hall Roof Core - Membrane, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Material Other Non-Fibrous Material	10% 90%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-025 0129-16B	Barnum Hall Roof Core - Comp. Roofing (2 Layers), Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	15% 65% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-026 0129-16C	Barnum Hall Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-027 0129-16D	Barnum Hall Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-028 0129-17	Barnum Hall Penetration Mastic, White/Black/Silver, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler Metallic Flashing Other Non-Fibrous Material	5% 45% 35% 15%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

02/02/2018 01/29/2018 **Date Received Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)		
1830167-029 0129-18	Barnum Hall Penetration Mastic, White/Black,	LAYER 1	Cellulose Fiber	2%	None Detected			
0129-10	Non-homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	78% 20%	None Beleated			
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-030	Barnum Hall							
0129-19	Penetration Mastic, White/Black,	LAYER 1	Cellulose Fiber	2%	None Detected			
	Non-homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	78% 20%				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-031	Barnum Hall							
0129-20	Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected			
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-032	Barnum Hall							
0129-21	Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	5% 95%	None Detected			
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-033	Barnum Hall							
0129-22	Patch Mastic, Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Bituminous Matrix/Filler	8% 92%	None Detected			
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		
1830167-034	Barnum Hall							
0129-23A	12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber	30% 30%	None Detected			
			Perlite Binder/Filler	35% 5%				
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected		

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

Determination of Asbestos in Bulk Building Materials.

	Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)			
1830167-035 0129-23B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-036 0129-24A	Barnum Hall 12" Peghole Ceiling Tile, Beige, Homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite	30% 30% 40%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-037 0129-24B	Barnum Hall Mastic, Brown, Non-homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-038 0129-25A	Barnum Hall 12" Peghole Ceiling Tile, White/Beige, Non-homogeneous	LAYER 1 100%	Mineral Wool Cellulose Fiber Perlite Binder/Filler	30% 30% 35% 5%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-039 0129-25B	Barnum Hall Mastic, Brown, Homogeneous	LAYER 1 100%	Wollastonite Adhesive Binders/Filler	3% 97%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830167-040	Barnum Hall								
0129-26	Soft Fireproofing, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Polystyrene Foam Binder/Filler	5% 35% 60%	None Detected				
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			

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			Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-041	Barnum Hall					
0129-27	Soft Fireproofing, Gray,	LAYER 1	Cellulose Fiber	5%	None Detected	
0.20 21	Homogeneous	100%	Polystyrene Foam	35%	35.55.64	
	9		Binder/Filler	60%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830167-042	Barnum Hall					
0129-28	Soft Fireproofing, Gray,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam Binder/Filler	35% 60%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	No Asbestos Detected
1830167-043	Barnum Hall					
0129-29	Soft Fireproofing, Gray/Green,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam Binder/Filler	30% 65%		
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830167-044	Barnum Hall					
0129-30	Soft Fireproofing, Gray/Green,	LAYER 1	Cellulose Fiber	5%	None Detected	
	Homogeneous	100%	Polystyrene Foam Binder/Filler	30% 65%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	No Asbestos Detected
1830167-045	Barnum Hall					_
0129-31	Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830167-046	Barnum Hall					
0129-32	Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	No Asbestos Detected

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

		Test I	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-047 0129-33	Barnum Hall Vibration Reducer, Black/Beige, Non-homogeneous	LAYER 1 100%	Synthetic Fiber Binder/Filler	20% 80%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830167-048 0130-01	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	15% <1 85%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-049 0130-02	Language Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	20% <1 80%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-050 0130-03	Language Bldg HVAC Joint Compound, Gray, Non- homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830167-051 0130-04	Language Bldg HVAC Joint Compound, Gray, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830167-052 0130-05A	Language Bldg 12" Fissured Ceiling Tile, White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Polystyrene Foam Binder/Filler	35% 20% 40% 5%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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.	Non-Asbestos Components	(%)	Asbestos	(%)	
Sample No.	pescribrion	Layer 70	Components	(/0)	Туре	(/0)	
1830167-053	Language Bldg						
0130-05B	Glue, Brown, Non-homogeneous	LAYER 1	Fibrous Talc	5%	None Detected		
	•	100%	Adhesive Binders/Filler	95%			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-054	Language Bldg						
0130-06A	12" Fissured Ceiling Tile, White,	LAYER 1	Cellulose Fiber	40%	None Detected		
	Non-homogeneous	100%	Mineral Wool	15%			
	· ·		Polystyrene Foam	40%			
			Binder/Filler	5%			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-055	Language Bldg						
0130-06B	Mastic, Brown, Non-homogeneous	LAYER 1	Fibrous Talc	5%	None Detected		
		100%	Adhesive Binders/Filler	95%			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-056	Language Bldg						
0130-07A	12" Fissured Ceiling Tile, White,	LAYER 1	Cellulose Fiber	40%	None Detected		
	Non-homogeneous	100%	Mineral Wool	15%			
			Polystyrene Foam Binder/Filler	40% 5%			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-057	Language Bldg						
0130-07B	Glue, Brown, Homogeneous	LAYER 1	Fibrous Talc	5%	None Detected		
		100%	Adhesive Binders/Filler	95%			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-058	Language Bldg						
0130-08	Acoustical Plaster Ceiling, White,	LAYER 1			None Detected		
	Homogeneous	100%	Quartz	40%			
	Ŭ		Gypsum	40%			
			Other Non-Fibrous Material	20%			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 12

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

Determination of Asbestos in Bulk Building Materials.

Test Report							
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)	
1830167-059 0130-09	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous		Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected		
	Asbestos Present No	Total	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-060 0130-10	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous		Quartz Gypsum Other Non-Fibrous Material	40% 40% 20%	None Detected		
	Asbestos Present No	Total	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-061 0130-11	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous		Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected		
	Asbestos Present No	Total	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-062 0130-12	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous		Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected		
	Asbestos Present No	Total	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	
1830167-063 0130-13	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous		Quartz Gypsum Other Non-Fibrous Material	35% 50% 15%	None Detected		
	Asbestos Present No	Total	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected	

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3777 Long Beach Blvd.

Report Number 1830167

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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472

Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA
Attn.: Cesar Ruvalcaba PO Number

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
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 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-064 0130-14	Language Bldg Acoustical Plaster Ceiling, White, Homogeneous	LAYER 1 100%	Gypsum Quartz Other Non-Fibrous Material	50% 35% I 15%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-065 0130-15	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-066 0130-16	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-067 0130-17	Language Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	35% <1 65%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-068 0130-18	Language Bldg Patch Mastic, Beige/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	5% <1 35% I 60%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472
Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

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 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-069 0130-19	Language Bldg Patch Mastic, Beige/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	3% 2% 20% I 75%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830167-070 0130-20	Language Bldg Patch Mastic, Beige/Black, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Wollastonite Bituminous Matrix Other Non-Fibrous Material	3% 2% 20% 1 75%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830167-071 0130-21	Language Bldg Roof Mastic, Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830167-072 0130-22	Language Bldg Roof Mastic, Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix	5% 95%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T (otal %Asbestos:	No Asbestos Detected
1830167-073 0130-23	Language Bldg Roof Mastic, Black, Non- homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Other Non-Fibrous Material	5% 50% I 45%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected
1830167-074 0130-24	Language Bldg 2x4 Fissured Ceiling Panel, Beige, Homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite	30% 20% 50%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% T	otal %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Tel: 562-206-2770 Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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.
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		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
· ·	·		· · · · · · · · · · · · · · · · · · ·	. ,	7 1	. ,
1830167-075	Language Bldg					
0130-25	2x4 Fissured Ceiling Panel, Beige,	LAYER 1	Cellulose Fiber	30%	None Detected	
	Homogeneous	100%	Mineral Wool	20%		
			Perlite Binder/Filler	45% 5%		
			Diridei/i iliei	370		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-076	Language Bldg					
0130-26	2x4 Fissured Ceiling Panel,	LAYER 1	Cellulose Fiber	25%	None Detected	
	White/Beige, Homogeneous	100%	Mineral Wool	15%		
	5 · 5		Perlite	50%		
			Binder/Filler	10%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-077	History Bldg					
0130-H1	LAYER 1	LAYER 1			None Detected	
	Smooth Plaster Walls - Skim Coat,	25%	Calcium Carbonate	10%		
	Blue/White, Non-homogeneous		Gypsum	45%		
			Quartz	20%		
			Binder/Filler	25%		
	LAYER 2	LAYER 2			None Detected	
	Base Coat, Beige, Homogeneous	75%	Gypsum	45%		
	, , ,		Quartz	40%		
			Other Non-Fibrous Material	15%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-078	History Bldg					
0130-H2	LAYER 1	LAYER 1			None Detected	
	Smooth Plaster Walls - Skim Coat,	20%	Calcium Carbonate	10%		
	Blue/White, Non-homogeneous		Gypsum	45%		
			Quartz Binder/Filler	20%		
			Binder/Filler	25%		
	LAYER 2	LAYER 2			None Detected	
	Base Coat, Beige, Homogeneous	80%	Gypsum	45%		
	-		Quartz	40%		
			Other Non-Fibrous Material	15%		
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807 Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/29/2018 **Date Received** 02/02/2018 **Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-079 0130-H3	History Bldg LAYER 1	LAYER 1			None Detected	
	Smooth Plaster Walls - Skim Coat, Blue/White, Non-homogeneous	20%	Calcium Carbonate Gypsum Quartz Binder/Filler	10% 45% 20% 25%		
	LAYER 2	LAYER 2			None Detected	
	Base Coat, Beige, Homogeneous	80%	Gypsum Quartz Other Non-Fibrous Material	45% 40% 15%		
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-080	History Bldg					
0130-H4	Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-081	History Bldg					
0130-H5	Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-082	History Bldg					
0130-H6	Smooth Plaster Walls, Blue/Beige, Non-homogeneous	LAYER 1 20%	Gypsum Quartz Other Non-Fibrous Material	55% 35% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/29/2018 **Date Received** 02/02/2018 **Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-083 0130-H7	History Bldg Smooth Plaster Walls, Blue/White/Beige, Non- homogeneous	LAYER 1 20%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	5% 50% 35% 10%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-084 0130-H8	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	LAYER 1 35%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, Beige, Homogeneous	LAYER 2 65%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-085 0130-H9	History Bldg LAYER 1 Rough Plaster Walls - Skim Coat, White/Yellow, Non-homogeneous	LAYER 1 20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%	None Detected	
	LAYER 2 Base Coat, White, Homogeneous	LAYER 2 80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807 Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

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01/29/2018 **Date Received** 02/02/2018 **Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

<u> </u>		Test F	Report			
Laboratory ID	Sample Location	Layer No Layer %		(0/)	Asbestos	(0/)
Sample No.	Description	Layer %	Components	(%)	Туре	(%)
1830167-086 0130-H10	History Bldg LAYER 1	LAYER 1			None Detected	
	Rough Plaster Walls - Skim Coat, White/Beige, Non-homogeneous	20%	Calcium Carbonate Quartz Perlite Binder/Filler	50% 10% 20% 20%		
	LAYER 2	LAYER 2			None Detected	
	Base Coat, Beige, Homogeneous	80%	Gypsum Quartz Other Non-Fibrous Material	40% 40% 20%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-087	History Bldg					
0130-H11	Rough Plaster Walls, White/Beige,	LAYER 1			None Detected	
	Non-homogeneous	100%	Gypsum	45%		
			Quartz Calcium Carbonate	35% 10%		
			Other Non-Fibrous Material			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-088	History Bldg					
0130-H12	Rough Plaster Walls - Skim Coat,	LAYER 1			None Detected	
	White/Beige, Non-homogeneous	100%	Calcium Carbonate	10%		
			Gypsum Quartz	45% 35%		
			Other Non-Fibrous Material			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-089	History Bldg					
0130-H13	Rough Plaster Walls - Skim Coat,	LAYER 1			None Detected	
	White/Beige, Non-homogeneous	100%	Calcium Carbonate	10%		
			Gypsum Quartz	45% 35%		
			Other Non-Fibrous Material	35% 10%		
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

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 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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 R	Report			
Laboratory ID	Sample Location	Layer No.	-		Asbestos	
Sample No.	Description	Layer %	Components	(%)	Туре	(%)
1830167-090	History Bldg					
0130-H14	LAYER 1	LAYER 1			None Detected	
	Rough Plaster Walls - Skim Coat,	35%	Calcium Carbonate	50%		
	White/Yellow, Non-homogeneous		Quartz	10%		
			Perlite Binder/Filler	20% 20%		
			Diridei/i iliei	2070		
	LAYER 2	LAYER 2			None Detected	
	Base Coat, Beige, Homogeneous	65%	Gypsum	40% 40%		
			Quartz Other Non-Fibrous Material			
	Asbestos Present No	Total	I % Non-Asbestos:	100.0% Total	%Asbestos:	
						Detected
1830167-091	History Bldg					
0130-H15	Window Putty, Beige, Non-	LAYER 1			None Detected	
	homogeneous		Calcium Carbonate Binder/Filler	85% 15%		
			Diridei/Fillei	1370		
	Asbestos Present No	Total	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos
						Detected
1830167-092	History Bldg					
0130-H16	Window Putty, Beige, Non-	LAYER 1			None Detected	
	homogeneous	100%	Calcium Carbonate	85%		
			Binder/Filler	15%		
	Asbestos Present No	Total	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos
						Detected
1830167-093	History Bldg					
0130-H17	Window Putty, Beige, Non-	LAYER 1			None Detected	
	homogeneous		Calcium Carbonate	85%		
			Binder/Filler	15%		
	Asbestos Present No	Total	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos
						Detected
1830167-094	History Bldg					
0130-H18	2x2 Fissured Ceiling Panel, White/	LAYER 1	Cellulose Fiber	40%	None Detected	
	Beige, Non-homogeneous		Mineral Wool	15%		
			Perlite	40%		
			Binder/Filler	5%		
	Asbestos Present No	Total	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos
						Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

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Project Number SMSD-18-7472

Project Name SAMOHI

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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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-095 0130-H19	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:		%Asbestos:	No Asbestos Detected
1830167-096 0130-H20	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-097 0130-H21	History Bldg 2x2 Fissured Ceiling Panel, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-098 0130-H22	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1 <1% 50%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-099 0130-H23	History Bldg Gypsum Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica Gypsum/Filler	50% <1 <1% 50%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472 3777 Long Beach Blvd. Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA

Attn.: Cesar Ruvalcaba PO Number Report Number 1830167 WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

Date Reported 02/12/2018 Total Samples 121

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. Non-Asbestos Layer % Components	Asbestos (%) Type	(%)
1830167-100 0130-H24A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous	LAYER 1 Wood Fiber 100% Binder/Filler	95% None Detected 5%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-101 0130-H24B	History Bldg Mastic, Brown, Non-homogeneous	LAYER 1 100% Adhesive Binders/Filler	None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-102 0130-H25A	History Bldg 12" Random peghole ceiling tile, White/Brown, Non-homogeneous	LAYER 1 Wood Fiber 100% Binder/Filler	95% None Detected 5%	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-103 0130-H25B	History Bldg Mastic, Brown, Homogeneous	LAYER 1 100% Adhesive Binders/Filler	None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-104 0130-H26	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 Cellulose Fiber 100% Gypsum/Filler	30% None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected
1830167-105 0130-H27	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 Cellulose Fiber 100% Gypsum/Filler	30% None Detected	
	Asbestos Present No	Total % Non-Asbestos:	100.0% Total %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

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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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-106 0130-H28	History Bldg Button Board, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Gypsum/Filler	25% 75%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-107 0130-H29	History Bldg TSI Pipe Insulation, White, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%
	Asbestos Present Yes	Tota	I % Non-Asbestos:	92.0% Total	%Asbestos:	8.0%
1830167-108 0130-H30	History Bldg TSI Pipe Insulation, White, Non- homogeneous	LAYER 1 100%	Binder/Filler	90%	Amosite Chrysotile	8% 2%
	Asbestos Present Yes	Tota	I % Non-Asbestos:	90.0% Total	%Asbestos:	10.0%
1830167-109 0130-H31	History Bldg TSI Pipe Insulation, White, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	37% 55%	Amosite Chrysotile	6% 2%
	Asbestos Present Yes	Total	I % Non-Asbestos:	92.0% Tota l	%Asbestos:	8.0%
1830167-110 0130-H32	History Bldg Roofing Debris, Brown/Gray, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830167-111 0130-H33	History Bldg Roofing Debris, Brown/Gray, Non- homogeneous Note: Qualitative Analysis	100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830167

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/29/2018 **Date Received** 02/02/2018 **Date Sampled Date Analyzed** 02/12/2018 Sampled By Jorge Robles **Date Reported**

02/12/2018 **Total Samples**

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-112 0130-H34	History Bldg Roofing Debris, Brown/Gray, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Wood Fiber Cellulose Fiber Synthetic Fiber Quartz Bituminous Matrix Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-113 0130-H35	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830167-114 0130-H36	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Report Number 1830167

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
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Date Reported 02/12/2018 Total Samples 121

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	•	(%)	Asbestos Type	(%)
1830167-115 0130-H37	History Bldg LAYER 1 Rolled on Roof Core - Membrane, White	LAYER 1 5%	Non-Fibrous Material	100%	None Detected	
	LAYER 2 Layered Felt/Tar, Black, Non- homogeneous	LAYER 2 90%	Fibrous Glass Bituminous Matrix	15% 85%	None Detected	
	LAYER 3 Paper, Brown, Homogeneous	LAYER 3 5%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	%Asbestos:	No Asbestos Detected
1830167-116 0130-H38	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Non-Fibrous Material	65% 35%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-117 0130-H39	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	l %Asbestos:	No Asbestos Detected
1830167-118 0130-H40	History Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Non-Fibrous Material	2% 63% 35%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected
1830167-119 0130-H41	History Bldg Vibration Reducer, Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Non-Fibrous Material	25% 75%	None Detected	
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Tota l	%Asbestos:	No Asbestos Detected

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Attn.: Cesar Ruvalcaba

Date Reported

Report Number 1830167

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 02/02/2018
 Date Sampled
 01/29/2018

 Date Analyzed
 02/12/2018
 Sampled By
 Jorge Robles

02/12/2018 **Total Samples** 12⁻¹

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

Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830167-120	History Bldg					
0130-H42	Vibration Reducer, Black, Nor	n- LAYER 1	Synthetic Fiber	25%	None Detected	
	homogeneous	100%	Non-Fibrous Material	75%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	ıl %Asbestos:	No Asbestos Detected
1830167-121	History Bldg					
0130-H43	Vibration Reducer, Black, Nor	n- LAYER 1	Synthetic Fiber	25%	None Detected	
	homogeneous	100%	Non-Fibrous Material	75%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Tota	Il %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 Mappelear

Approved Signatory Cristina E. Tabatt

1508 East 33rd Street Signal Hill, CA 90755

Toll: 888-207-2022

Tel: 562-206-2770

Fax: 562-206-2773

PAGE: 24 of 24



ENVIRONMENTAL LABORATORIES

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. 1830167

	CUSTOMER INFORMATION	ON	Turnaround Time	Shipped	By	Repo	rt Send Via	a:
Company	Alta Environmen	tal	Same Day 🖂	Fedex		Web		
Address	3777 Long Beach Bo	ulevard	1 Day □	UPS				
City/State/Zip	Long Beach, CA 9	0807	2 Day □	USPS				
Contact	Cesar, Ruvalcaba @ alt	banviron.com	3 Day □	Drop Off		Verbal		
Office Phone	562/ 495-5777		5 Day	Drop Box				
Cell			Weekend	Other		Pick up		
Fax	562/ 495-5877		Special Instructions	s:				
Email								
		PROJECT	INFORMATION				_	
Project Name:	SAMOHI		PO Number:					
Project Number:	SMSD-18-7472		Work Order No.:	- 13				
Location:	Santa Monica CA		Sampled By:	4	lorge	2 Ros L	23	
PL		CM	MOLD	Т		LEAD	(Pb)	
PLM EPA 600/R-9			Spore Trap		Air		TTLC	
PLM 400 Pt. Coun PLM 1000 Pt. Cou	에 하다가 지역하다면 그 집에서 그 그리네요?		Tape Lift		Paint		STLC	
7 EW 1000 Ft. Cou	nt (<0.1%)		Bulk Sample		Wipe Soil		TCLP	
SAMPLE ID	SAMPLE TYPE		LOCATION		Date	Start Time	Avg	Volume
0	12" Fissured ceiling	10			Sampled	Stop Time	Flow Rate	(L)
0129-01	tile w/ mastic	Barno	am Hall	/	29/18			
1 -02	1				1			
-03	ceiling tile mastic							
-04	Ceiling tile mastic							
-05					11			
-06								
-07	Stucco							
-08								
-09	1							
-10	Smooth Plaster Wall	1						
Relinquished By:	By Cas		Received By:	Taba	IT			
Date/Time:	2/1/18 2200			102/18		:00 an	/	
	1				0.			

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



Company: Alta Environmental

Project Number: 5M5D-18-7474

Project Name: SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum
0/29-11	Rough Plaster wall	Barnum Hall	1/29/18	******		
-/2	Rough Plaster wall					
-/3	1 1					
-14	White roof core			*******		
-15				*******		
-16	1					
-17	White penetration mastic					
-18						
-19	1					
-20	Gray Patch mustic					
-21						
-22						
-23	1211 sechale cailing					
-24	1					
-25	_					
- 26	Light gray SOFF Fireproofing					
-27						
-28						
29		, , , , , , , , , , , , , , , , , , , ,				
-30						
elinquished By:	080 CE	Received By:	STATE			-
ate/Time:	2/1/18 2200	Date/Time: 02/p	2/18, 8:	00 am	-	

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



Company:	Alta Environmental	
Project Number:		
Project Name:		

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0129-31	Vibration reducer	Barnum Hall	1/29/18			
-32	1	And the second s	100			
L -33						
5130-01	Prywall	10-0-0- RIDE	1/30/18			
-62	1	Language Blog	7(8			
-03	Joint compound					
-04	1					
-05	12" Fisswed Ceiling tile w/ g/ac					
-06	Hice wy grace					
-07						
-08	Alonstical Plaster Celling			**********		
-09	1					
-16					TOTAL STATE OF THE	
-11						
-12						
-13						
-14						
	Button Board					
-16	1 300,00					
-17	L					
Relinquished By:	gg az	Received By:	Tehett			-
Date/Time:	Jeg Oz :	Date/Time: 02/02/	Tabatt 118, 8.	:00 a	an .	

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



Company: Alta Environmental

Project Number: SMSD-18-7472

(Lab) Order No. 1830167

SAMOHI Project Name: SAMPLE ID SAMPLE TYPE LOCATION Start Time Ava Volume Sampled Stop Time Flow Rate (L) Chray Patch Mastic Language Blog 0130-18 Root Mastic -22 -22 2x4 Fisswed ceiling -25 Smooth Plaster walls History Blog 0130-41 -112 -44 -45 -148 Rough Plaster Walls -149 -410 -411 C2 Tabatt Relinquished By: Received By: 2/1/18 2200 02/02/18, 8:00 am Date/Time: Date/Time:

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



Company: Alta Environmental

Project Number: SMSO-18-7472

Project Name: SAMOHI

(Lab) Order No. 1830167

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Sample	Start Time d Stop Time		Volum (L)
0130-H12	Rough wall plaster	Histo	ory 13/8g	1/3/18	FO 40 40 40 40 40 40 40 40 40 40 40 40 40		
-1413							
-1414	1						
-415	window Putty						
-1116							
-417					***************************************		
-1418	2×2' fissured Ceiling panel						
-1419							
-420	2x4 fisswed ceiling panel						
-421					# 4 0 0 0 0 0 m m m m m m m m m m m m m m		
1/22	Gypsum Board						
-1123							
-1+24	12" random peghole Ceiling the w/ mastic						
-1/25	Ĭ,				10 to 10 to 10 to 10 to 10 to 10		
-H26	Button Board						
-H27							
-1+28	1						
-429	TSI Pipe insulation						
-1+30							
-431	+			1	**********		
elinquished By:	12/1/18 2200		Received By:	Tabatt		The state of the s	a transaction

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



Company: Alta Environmental

Project Number: 5M3D-18-7472

Project Name: SAMOHI

(Lab) Order No. | 830167

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
0130-182	Roofing Debris	History Bldg	1/30/18			
-H33			11			
-1434	1					
-435	White rolled on					
-436	1			100 to to 100 to 100 to 100 to 100 to		
-H37	1					
7438	white penetration Mastic					
-H39						
-440	1					
-1441	Nibration rednur					
-1442						
1/43	1	1				
				NO THE RES AND AND ADD AND AND AND		

				To los do so so so so so so so so so		
	A			******		
elinquished By:	1/9 (2x) 2/1/1/8 2200	Received By:	C2TW	att		



3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830087

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

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Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 01/30/2018
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 01/24/2018

 Date Analyzed
 02/06/2018
 Sampled By
 Jorge Robles

Date Reported 02/06/2018 Total Samples 113

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %		(%)	Asbestos Type	(%)
1830087-001 0124-01	Business Bldg Rough Plaster Ceiling, Beige, Homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 50% 35% 15%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-002 0124-02	Business Bldg Rough Plaster Ceiling, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 40% 40% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-003 0124-03	Business Bldg Rough Plaster Ceiling, Beige, Homogeneous	LAYER 1 100%	Calcium Carbonate Gypsum Quartz Other Non-Fibrous Material	10% 40% 40% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-004 0124-04	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-005 0124-05	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Long Beach CA 90807

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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.

			Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-006 0124-06	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-007 0124-07	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-008 0124-08	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-009 0124-09	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-010 0124-10	Business Bldg Acoustical Plaster Ceiling, Beige, Non-homogeneous	LAYER 1 100%	Jute Fiber Gypsum Quartz Other Non-Fibrous Material	<1% 40% 40% 20%	None Detected	
	Asbestos Present No	Tota	al % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

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 Jorge Robles

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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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
1830087-011 0124-11	Business Bldg Drywall, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Gypsum/Filler	25% <1 75%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-012 0124-12A	Business Bldg 12"x12" Random Peghole Ceiling Tile, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-013 0124-12B	Business Bldg Glue, Brown	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-014 0124-13A	Business Bldg 12"x12" Random Peghole Ceiling Tile, White/Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-015 0124-13B	Business Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-016 0124-14	Business Bldg 2'x4' Fissured Ceiling Panel, White/Gray, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830087

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 01/30/2018
 Date Sampled
 01/24/2018

 Date Analyzed
 02/06/2018
 Sampled By
 Jorge Robles

 Date Reported
 02/06/2018
 Total Samples
 113

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-017 0124-15	Business Bldg 2'x4' Fissured Ceiling Panel, White/Gray, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 15% 40% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830087-018 0124-16	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830087-019 0124-17	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-020 0124-18	Business Bldg Window Putty, Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Binder/Filler	90% 10%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830087-021 0124-19	Business Bldg Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	25% 45% 30%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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02/06/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-022	Business Bldg					
0124-20	Stucco, Gray, Non-homogeneous	LAYER 1		222/	None Detected	
		100%	Calcium Carbonate Quartz Other Non-Fibrous Material	30% 45% 25%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-023	Business Bldg					
0124-21	Stucco, Gray, Non-homogeneous	LAYER 1			None Detected	
		100%	Calcium Carbonate Quartz	25% 45%		
			Other Non-Fibrous Material			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-024	Business Bldg					
0124-22	Stucco, Gray, Non-homogeneous	LAYER 1			None Detected	
		100%	Calcium Carbonate Quartz	25% 45%		
			Other Non-Fibrous Material			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-025	Business Bldg					
0124-23	Stucco, Gray, Non-homogeneous	LAYER 1			None Detected	
		100%	Calcium Carbonate	25% 45%		
			Quartz Other Non-Fibrous Material			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-026	Business Bldg					
0124-24	Stucco, Gray, Non-homogeneous	LAYER 1		0=0/	None Detected	
		100%	Calcium Carbonate Quartz	25% 45%		
			Other Non-Fibrous Material			
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Alta Environmental Project Number SMSD-18-7472

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Long Beach CA 90807 Location Santa Monica, CA
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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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-027 0124-25	Business Bldg Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-028	Business Bldg					
0124-26	Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830087-029	Business Bldg					
0124-27	Moisture Paper (behind Stucco), Black, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	60% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830087-030	Business Bldg					
0124-28	Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Mica	15% <1 <1%	None Detected	
			Gypsum/Filler	85%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected
1830087-031	Business Bldg					
0124-29	Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	15% <1	None Detected	
			Mica Gypsum/Filler	<1% 85%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	Il %Asbestos:	No Asbestos Detected
1830087-032	Business Bldg					
0124-30	Button Board, White/Brown, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass	15% <1	None Detected	
			Mica Gypsum/Filler	<1% 85%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	I %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830087

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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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)
1830087-033 0124-31	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	<1% 95%	Amosite Crocidolite	5% <1
	Asbestos Present Yes	Tota	l % Non-Asbestos:	95.0% Total	%Asbestos:	5.0%
1830087-034 0124-32	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous Asbestos Present Yes	LAYER 1 100%	Cellulose Fiber Binder/Filler I % Non-Asbestos:	<1% 95%	Amosite Crocidolite	5% <1 5.0%
1000007.005		1018	11 70 1 10 11-A3DC3103.	- Co.o /o I Otal	/0A3De3t03.	3.0 70
1830087-035 0124-33	Business Bldg TSI (above Drop Down Ceiling), White, Non-homogeneous	LAYER 1 100%	Binder/Filler	92%	Amosite Crocidolite	8% <1
	Asbestos Present Yes	Tota	l % Non-Asbestos:	92.0% Total	%Asbestos:	8.0%
1830087-036 0124-34	Business Bldg Roofing Debris, Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Quartz Gypsum Mica Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-037 0124-35	Business Bldg Roofing Debris, Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Matrix Quartz Gypsum Mica Other Non-Fibrous Material	Present Present Present Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	I % 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 R	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-038	Business Bldg					
0124-36	Roofing Debris, Qualitative Analysis	100%	Cellulose Fiber Fibrous Glass Wood Fiber	Present Present Present	None Detected	
			Bituminous Matrix Quartz Gypsum	Present Present Present		
			Mica Other Non-Fibrous Material	Present		
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-039	Business Bldg					
0124-37A	Roof Core - Layered Felt/Tar, Silver/Black, Non-homogeneous	100%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint	15% 80% 5%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-040	Business Bldg					
0124-37B	Roof Core - Paper, Brown, Homogeneous		Cellulose Fiber Binder/Filler	90% 10%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-041	Business Bldg					
0124-38A	Roof Core - Capsheet, Silver/Black, Non-homogeneous	100%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint	10% 85% 5%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-042	Business Bldg					
0124-38B	Roof Core - Layered Felt/Tar, Black, Non-homogeneous		Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

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SAMOHI **Project Name**

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-043 0124-38C	Business Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830087-044 0124-39A	Business Bldg Roof Core - Capsheet, Silver/Black, Non-homogeneous	100%	Fibrous Glass Bituminous Matrix/Filler Metallic Paint	10% 85% 5%	None Detected	No Asharda
	Asbestos Present No	rota	I % Non-Asbestos:	100.0% 1 Ot a	al %Asbestos:	Detected
1830087-045 0124-39B	Business Bldg Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830087-046 0124-39C	Business Bldg Roof Core - Paper, Brown, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830087-047 0124-40	Business Bldg Roof Penetration Mastic, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Metallic Paint	<1% 90% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830087-048 0124-41	Business Bldg Roof Penetration Mastic, Silver/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix Metallic Paint	<1% 90% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

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

Determination of Asbestos in Bulk Building Materials.

Test Report								
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %		(%)	Asbestos Type	(%)		
1830087-049	Business Bldg	LAYER 1	Fibrous Glass	<1%	None Detected			
0124-42	Roof Penetration Mastic, Silver/Black, Non-homogeneous	100%	Bituminous Matrix Metallic Paint	90% 10%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected		
1830087-050	English Bldg							
0125-01A	12"x12" Straight Peghole Ceiling Tile, White/Brown, Non-homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected		
1830087-051	English Bldg							
0125-01B	Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected		
1830087-052	English Bldg							
0125-02A	12"x12" Straight Peghole Ceiling Tile, White/Brown, Homogeneous	LAYER 1 100%	Wood Fiber Binder/Filler	95% 5%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected		
1830087-053	English Bldg							
0125-02B	Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tot	al %Asbestos:	No Asbestos Detected		
1830087-054	English Bldg							
0125-03	Stucco, Gray, Non-homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%	None Detected			
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Tot	al %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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-055 0125-04	English Bldg Stucco, Gray, Non-homogeneous	LAYER 1			None Detected	
		100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 50% 35%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-056	English Bldg					
0125-05	2'x4' Ceiling Panel Fissured, White/ Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-057	English Bldg					
0125-06	2'x4' Ceiling Panel Fissured, White/	LAYER 1	Cellulose Fiber	50%	None Detected	
	Beige, Non-homogeneous	100%	Perlite Binder/Filler	45% 5%		
	Asbestos Present No	Tota	l % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-058	English Bldg					
0125-07	2'x4' Ceiling Panel Fissured, White/	LAYER 1	Cellulose Fiber	50%	None Detected	
	Beige, Non-homogeneous	100%	Perlite Binder/Filler	45% 5%		
	Asbestos Present No	Tota	ll % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-059	English Bldg					
0125-08A	Rolled On Roof Core - Capsheet,	LAYER 1	Fibrous Glass	10%	None Detected	
	White/Black, Non-homogeneous	100%	Bituminous Matrix/Filler Other Non-Fibrous Material	80% 10%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-060	English Bldg					
0125-08B	Rolled On Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
	Asbestos Present No	Tota	ll % 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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-061 0125-08C	English Bldg Rolled On Roof Core - Paper, Pink, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-062 0125-09A	English Bldg Rolled On Roof Core - Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 80% 10%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-063 0125-09B	English Bldg Rolled On Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-064 0125-09C	English Bldg Rolled On Roof Core - Paper, Pink, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-065 0125-10A	English Bldg Rolled On Roof Core - Capsheet, White/Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler Other Non-Fibrous Material	10% 80% 10%	None Detected	
	Asbestos Present No	Total % Non-Asbestos:		100.0% Total	%Asbestos:	No Asbestos Detected
1830087-066 0125-10B	English Bldg Rolled On Roof Core - Layered Felt/Tar, Black, Non-homogeneous	LAYER 1 100%	Fibrous Glass Bituminous Matrix/Filler	15% 85%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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Determination of Asbestos in Bulk Building Materials.

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %		(%)	Asbestos Type	(%)
1830087-067 0125-10C	English Bldg Rolled On Roof Core - Paper, Pink, Homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-068 0125-11	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-069 0125-12	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-070 0125-13	English Bldg Duct Sealant, Gray, Homogeneous	LAYER 1 100%	Cellulose Fiber Adhesive Binders/Filler	3% 97%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-071 0125-14	English Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	10% 90%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-072 0125-15	English Bldg Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Bituminous Matrix Binder/Filler	5% 95%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830087

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 01/30/2018
 Date Sampled
 01/24/2018

 Date Analyzed
 02/06/2018
 Sampled By
 Jorge Robles

Date Reported 02/06/2018 Total Samples 113

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-073 0125-16	English Bldg Penetration Mastic, White, Non- homogeneous	LAYER 1 100%	Binder/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-074 0125-A1A	Art Bldg 12"x12" Random Pinhole Ceiling Tile, Lt. Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-075 0125-A1B	Art Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-076 0125-A2A	Art Bldg 12"x12" Random Pinhole Ceiling Tile, Brown, Homogeneous	LAYER 1 100%	Wood Fiber	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-077 0125-A2B	Art Bldg Glue, Brown, Homogeneous	LAYER 1 100%	Adhesive Binders/Filler	100%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-078 0125-A3	Art Bldg 2'x4' Fissured Ceiling Panel, White/Beige, Non-homogeneous	LAYER 1 100%	Cellulose Fiber Perlite Binder/Filler	50% 45% 5%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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

Fax: 562-206-2773

Alta Environmental Project Number SMSD-18-7472 3777 Long Beach Blvd. Project Name SAMOHI

Long Beach CA 90807 Location Santa Monica, CA
Attn.: Cesar Ruvalcaba PO Number

Report Number 1830087 WO Number

 Date Received
 01/30/2018
 Date Sampled
 01/24/2018

 Date Analyzed
 02/06/2018
 Sampled By
 Jorge Robles

 Date Reported
 02/06/2018
 Total Samples
 113

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-079	Art Bldg					
0125-A4	2'x4' Fissured Ceiling Panel,	LAYER 1	Cellulose Fiber	50%	None Detected	
	White/Beige, Non-homogeneous	100%	Perlite	45%		
			Binder/Filler	5%		
	Asbestos Present No	Total % Non-Asbestos:		100.0% T c	otal %Asbestos:	No Asbestos Detected
1830087-080	Art Bldg					
0125-A5	Button Board, White/Brown, Non-	LAYER 1	Cellulose Fiber	60%	None Detected	
	homogeneous	100%	Gypsum/Filler	40%		
	Asbestos Present No	Total % Non-Asbestos:		100.0% T C	otal %Asbestos:	No Asbestos Detected
1830087-081	Art Bldg					
0125-A6	Button Board, White/Brown, Non-	LAYER 1	Cellulose Fiber	65%	None Detected	
	homogeneous	100%	Gypsum/Filler	35%		
	Asbestos Present No	Total % Non-Asbestos:		100.0% T c	otal %Asbestos:	No Asbestos Detected
1830087-082	Art Bldg					
0125-A7	Window Putty, Gray, Non-	LAYER 1			Chrysotile	<1%
	homogeneous	100%	Calcium Carbonate Binder/Filler	85% 15%		
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	<1%
1830087-083	Art Bldg					
0125-A8	Window Putty, Gray, Non-	LAYER 1			Chrysotile	<1%
	homogeneous	100%	Calcium Carbonate	85%		
			Binder/Filler	15%		
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100.0% T c	otal %Asbestos:	<1%
1830087-084	Art Bldg					
0125-A9	Window Putty, Gray, Non-	LAYER 1			Chrysotile	<1%
	homogeneous	100%	Calcium Carbonate Binder/Filler	85% 15%		
	Asbestos Present Yes	Tota	I % Non-Asbestos:	100 0% T	otal %Asbestos:	<1%

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3777 Long Beach Blvd.

Long Beach CA 90807 Attn.: Cesar Ruvalcaba

Report Number 1830087

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/30/2018 01/24/2018 **Date Received Date Sampled Date Analyzed** 02/06/2018 Sampled By Jorge Robles **Date Reported**

02/06/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-085 0125-A10	Art Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-086 0125-A11	Art Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-087 0125-A12	Art Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-088 0125-A13	Art Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-089 0125-A14	Art Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Binder/Filler	35% 20% 45%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830087

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/30/2018 01/24/2018 **Date Received Date Sampled Date Analyzed** 02/06/2018 Sampled By Jorge Robles

Date Reported 02/06/2018 **Total Samples**

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

Determination of Asbestos in Bulk Building Materials

Test Report									
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)			
1830087-090 0125-A15	Art Bldg Stucco, Beige/Gray, Non- homogeneous	LAYER 1 100%	Calcium Carbonate Quartz Other Non-Fibrous Material	15% 45% 40%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830087-091 0125-A16	Art Bldg Duct Wrapping, White/Silver, Non- homogeneous	100%	Cellulose Fiber Fibrous Glass Metallic Foil Binder/Filler	20% 5% 10% 65%	None Detected				
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected			
1830087-092 0125-A17	Art Bldg Duct Wrapping, White/Silver, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Fibrous Glass Metallic Foil Binder/Filler	20% 5% 10% 65%	None Detected				
	Asbestos Present No	Total % Non-Asbestos:		100.0% Total %Asbestos:		No Asbestos Detected			
1830087-093 0125-A18	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	27% 70%	Chrysotile	3%			
	Asbestos Present Yes	Tota	ll % Non-Asbestos:	97.0% Total	%Asbestos:	3.0%			
1830087-094 0125-A19	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	37% 60%	Chrysotile	3%			
	Asbestos Present Yes	Tota	l % Non-Asbestos:	97.0% Total	%Asbestos:	3.0%			
1830087-095 0125-A20	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	38% 60%	Chrysotile	2%			
	Asbestos Present Yes	Tota	I % Non-Asbestos:	98.0% Total	%Asbestos:	2.0%			

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830087

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 01/30/2018
 Date Sampled
 01/24/2018

 Date Analyzed
 02/06/2018
 Sampled By
 Jorge Robles

Date Reported 02/06/2018 Total Samples 113

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	. Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-096 0125-A21	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	37% 60%	Chrysotile	3%
	Asbestos Present Yes	Tota	l % Non-Asbestos:	97.0% Tota l	%Asbestos:	3.0%
1830087-097 0125-A22	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	38% 60%	Chrysotile	2%
	Asbestos Present Yes	Tota	l % Non-Asbestos:	98.0% Tota l	%Asbestos:	2.0%
1830087-098 0125-A23	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Other Non-Fibrous Material	38% 60%	Chrysotile	2%
	Asbestos Present Yes	Tota	ıl % Non-Asbestos:	98.0% Tota l	%Asbestos:	2.0%
1830087-099 0125-A24	Art Bldg Acoustical Plaster Ceiling, Yellow/Gray, Non-homogeneous	LAYER 1 100%	Perlite Binder/Filler	37% 60%	Chrysotile	3%
	Asbestos Present Yes	Tota	ıl % Non-Asbestos:	97.0% Tota l	%Asbestos:	3.0%
1830087-100 0125-A25A	Art Bldg Roof Core - Layered Felt/Tar, Silver/White/Black, Non- homogeneous	LAYER 1 100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	15% 10% 75%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-101 0125-A25B	Art Bldg Roof Core - Paper, Brown, Non- homogeneous	LAYER 1 100%	Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Tota	ıl % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Report Number 1830087

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

Fax: 562-206-2773

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

 Date Received
 01/30/2018
 Date Sampled
 01/24/2018

 Date Analyzed
 02/06/2018
 Sampled By
 Jorge Robles

Date Reported 02/06/2018 Total Samples 113

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 R	eport			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-102 0125-A26A	Art Bldg Roof Core - Capsheet, Silver/White/Black, Non- homogeneous		Fibrous Glass Bituminous Matrix/Filler	10% 90%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-103 0125-A26B	Art Bldg Roof Core - Layered Felt/Tar, Silver/Black, Non-homogeneous	100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	20% 15% 65%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-104 0125-A26C	Art Bldg Roof Core - Paper, Brown, Non- homogeneous		Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-105 0125-A26D	Art Bldg Roof Core - Layered Felt/Tar, Silver/Black, Non-homogeneous	100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	20% 15% 65%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-106 0125-A27A	Art Bldg Roof Core - Layered Felt/Tar, Silver/White/Black, Non- homogeneous	100%	Synthetic Fiber Fibrous Glass Bituminous Matrix/Filler	15% 10% 75%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected
1830087-107 0125-A27B	Art Bldg Roof Core - Paper, Brown, Non- homogeneous		Cellulose Fiber Binder/Filler	95% 5%	None Detected	
	Asbestos Present No	Total	% Non-Asbestos:	100.0% Tota	l %Asbestos:	No Asbestos Detected

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3777 Long Beach Blvd.

Long Beach CA 90807

Report Number 1830087

Attn.: Cesar Ruvalcaba

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

Fax: 562-206-2773

Project Number SMSD-18-7472

SAMOHI **Project Name**

Location Santa Monica, CA

PO Number WO Number

01/30/2018 01/24/2018 **Date Received Date Sampled Date Analyzed** 02/06/2018 Sampled By Jorge Robles **Date Reported**

02/06/2018 **Total Samples**

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

		Test F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-108	Art Bldg					
0125-A28	Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Wollastonite Bituminous Material Other Non-Fibrous Material	5% 40% 55%	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-109	Art Bldg					
0125-A29	Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Wollastonite Cellulose Fiber	5% 5%	None Detected	
			Bituminous Material Other Non-Fibrous Material	35% 55%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-110	Art Bldg					
0125-A30	Penetration Mastic, White/Black, Non-homogeneous	LAYER 1 100%	Wollastonite Cellulose Fiber	5% 5%	None Detected	
	Ç		Bituminous Material Other Non-Fibrous Material	35% 55%		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected
1830087-111	Art Bldg					
0125-A31	Roofing Debris, Gray/Black, Non- homogeneous Note: Qualitative Analysis	LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber	Present Present Present	None Detected	
			Bituminous Material Quartz Other Non-Fibrous Material	Present Present Present		
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Total	%Asbestos:	No Asbestos Detected

PAGE: 20 of 21



01/30/2018

02/06/2018

02/06/2018

3777 Long Beach Blvd. Long Beach CA 90807

Attn.: Cesar Ruvalcaba

Date Received

Date Analyzed

Date Reported

Report Number 1830087

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

Project Number SMSD-18-7472

Project Name SAMOHI

Location Santa Monica, CA

PO Number WO Number

Date Sampled 01/24/2018
Sampled By Jorge Robles

Total Samples 113

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 F	Report			
Laboratory ID Sample No.	Sample Location Description	Layer No Layer %	Non-Asbestos Components	(%)	Asbestos Type	(%)
1830087-112 0125-A32	Art Bldg Roofing Debris, Gray/Black, N homogeneous Note: Qualitative Analysis	Non- LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Material Quartz Perlite Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %Asbestos:	No Asbestos Detected
1830087-113 0125-A33	Art Bldg Roofing Debris, Gray/Black, N homogeneous Note: Qualitative Analysis	Non- LAYER 1 100%	Cellulose Fiber Fibrous Glass Wood Fiber Bituminous Material Quartz Perlite Other Non-Fibrous Material	Present Present Present Present Present Present	None Detected	
	Asbestos Present No	Tota	I % Non-Asbestos:	100.0% Tot a	al %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 Thappelear

Approved Signatory Cristina E. Tabatt

Lab Code 500044-0

PAGE: 21 of 21



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

		(Lab) Order No.	1830087					
Company Address City/State/Zip Contact Office Phone Cell Fax Email	3777 Long E Long Bea Ce sare Rhvaltaga 562/	ORMATION nvironmental Beach Boulevard ach, CA 90807 Calfaenviron com 495-5777	Turnaround Time Same Day 1 Day 2 Day 3 Day 5 Day Weekend Special Instruction	Shippe Fedex UPS USPS Drop Off Drop Box Other		Repo Web Email Fax Verbal Mail Pick up		32
		PROJECT	INFORMATION					
Project Name: Project Number: Location: PL PLM EPA 600/R-9: PLM 400 Pt. Count	93/116	7472	PO Number: Work Order No.: Sampled By: MOLD Spore Trap Tape Lift Bulk Sample		Air Paint	LEAD	(Pb) TTLC STLC	000
SAMPLE ID	SAMPLE TY		LOCATION		Wipe Soil Date	Start Time	TCLP	
0124-01	Rough plast		ss Blog		Sampled 1/24/18	Stop Time	Avg Flow Rate	Volume (L)
0124-02			0					
0124-03	1							
0124 -04	Acoustical Plaster ceil	ling						
0124 -05								
0124-06						<u> </u>		
0124 -07							7 = 7	
0124 -08								
0124 -09								
0124-10	1				1			
Relinquished By: Date/Time:	Pg Pz		Received By: On	mep,	MW 08:			

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



Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMOHI

(Lab) Order No. | 830087

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
124-11	Doywall	Busine	ss Bldg	1/24/18			
-/2	Doywall 12%12' random peghole ceiling the wygluc			1			
1 '>							
-14	2x41 fissured Ceiling panel						
-15	1						
-16	window putty						
-17					~~~~		
-18		The state of the s					
-19	Stucco				*****		-
-26							
-21							
-22							
-23							
-24							
-25	Moisture paper (behnel strue)						
-26							- Constitution of the Cons
27							
-28	Button Board				********		
-29							-
1-30	L						
nquished By:		Re	ceived By:	mepur	w		
//	Re CE 129/18 1905		ceived By:	mepur	w 8:00	Lab Form	

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



Company: Alta Environmental

Project Number: SMS0-18-7472

Project Name: SAMOHI

(Lab) Order No. |830087

SAMPLE ID	SAMPLE TYPE		LOCATION	5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Date	Start Time	Volum (L)
0124-31	TSI (above drap down ceilings)	Busiz	ress Blo	dg	1/24/19		(-)
-32			i		1	*** *** *** *** *** *** *** ***	
-33							
-34	Roofing debris						
-35							
-36	1						
-37	Silve roof core						
-38							
-39	1						
-40	silver penetration most						
-41							
L -42	L				1		
0125-01	12x12" straight peghole ceiling tile w/ g/he	Englis	h Blog		1/25/18		
1-02	1				1	**********	
-03	Stucco						
-04	+						
-05	2x4' ceiling ranel fissured						
-06							
-07	1						
L -08	white rolled on	1					
elinquished By:	Jge 2		Received By:	mme	Dn.	m	

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



Company: Alta Environmental

Project Number: SMSD-18-74-72

Project Name: SAMOH,

(Lab) Order No. |830087

SAMPLE ID	SAMPLE TYPE		LOCATION	Dat Samp	THE PER PER PER PER PER PER PER PER PER	Avg Flow Rate	Volum (L)
0125-09	White rolled on roof core	Eng	lish Bldg	1/25/	8		
-10	1						
-11	Duck Sealant						
72			- Myses peak				
-/3							
-14	white penetration mastic						
-15							
-16	1	1					
-AI	12×12" random pinhole ceiling the w/ g/ne	Art	Bleg				
-A2	<u>_</u>						
-A3	2x4' fissured ceiling panel				and any dat see the see and any		
-A4	Т,						
-A5	Button Board						
-A6	1				\$10 400 ctl loo ton \$15 per non par ago an		
-A7	wirelow Putty						
-A8					40 M3 40 40 40 40 40 40 40 40 40		
-A9							
-A10	Stucco				ALO CHI MA MA AN AN AN AN AN AN AN		
A11					ma ma 42 for 10 ero ero ero hel 10 lar		
-A12		1			and the left part and also that the left		
linquished By:	Jeg (= 1205		Received By:	nepu 30 18	on		

Ver. 082411

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



Company: Alta Environmental

Project Number: SMSD -18-7472

Project Name: SAMOHI

(Lab) Order No. |830087

SAMPLE ID	SAMPLE TYPE	LOCATION	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volum (L)
ons -1413	Stucco	Act Bldg	1/25/18			
-A14		1	11			
-A15				*****		
-A16	Out wapping					
-A17						
-A18	Acoustical Masterceiling					
-A19				100 M2 A2 100 K2 100 M2 M2 A2 A2 A2		
-A20						
-A21						
A22				********		
-H23				*********		
-A24	1					
A25 S	silver root core					
426						
-427					W-1010 STREET,	
-A28	silver peretration mastic					
-A29						-
-A30	1					
-A31 C	rooting debris					
1-A32	1	1				
elinquished By:	150 (Z	Received By:	mnejar	w		
ate/Time:	1/29/18 190	Date/Time:	1/30/18 0	8:00	Lab Forn	_

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



Company: Alta Environmental

Project Number: SMSD-18-7472

Project Name: SAMO 1+1

(Lab) Order No. |830087

SAMPLE ID	SAMPLE TYPE		LOCATION	Date Sampled	Start Time Stop Time	Avg	Volume
0125 -A33	rooting debris	ACT BI	05	1/25/18		Tiow reace	(L)
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Appendix C

Field Bulk Sample List: Lead

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Business building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-1	Plaster	White	2nd floor - B206 southwest	Interior walls	200	Yes	500 SF
Wall	PC-2	Drywall	White	2nd floor B206- north center	Interior walls patch work	<48	No	N/A
Ceiling	PC-3	Plaster	White	2nd floor -women's restroom ceiling center	Interior all rooms (above ceiling tile) al restrooms	150	Yes	100 SF
Wall	PC-4	Stucco	White	Exterior 1st floor southwest	Janitors closets, stage	200	No	N/A
Wall	PC-5	Plaster	Blue	1st floor hallway northwest	1st floor hallway	<50	No	N/A
Ceiling/wall	PC-6	Concrete	White	Room B109 southwest	1st floor storage rooms	<49	No	N/A
Ceiling	PC-7	Metal	Gray	B105 southwest	Room B105	75,000	Yes	10 SF
Roof vent	PC-8	Metal	Black	Roof center	Roof exhaust vents	160,000	Yes	18 SF

Page 1 of 9

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

English Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-9	Plaster	White	Room E107 east center	Interior throughout damaged in restroom ceiling space	610	Yes	100 SF
Wall	PC-10	Plaster	Blue	1st floor hallway by entry to restroom	Hallways and stairways	<50	No	N/A
Wall	PC-11	Drywall	White	E103 north center	Interior throughout patch work	52	No	N/A
Ceiling	PC-12	Plaster	White	1st floor hallway center by E107	Interior throughout	430	No	N/A
Duct	PC-13	Metal	White	1st floor communications room center	1st floor communication room, mechanical room	370	No	N/A
Wall/ceiling	PC-14	Concrete	White	1st floor communications room center	1st floor communication room, mechanical room	120	No	N/A
Wall	PC-15	Drywall	Beige	Room 209 north center	Room 209, 209A	2,600	Yes	100 SF
Wall	PC-16	Plaster	Beige	Room 209 southeast	Room 209, 209A	66	Yes	100 SF
Ceiling	PC-17	Metal	Brown	Room 209 southeast	Room 209	<66	No	N/A
Wall	PC-18	Stucco	White	Exterior northwest	Exterior wall	<47	No	N/A
Roof vent	PC-19	Metal	White	Roof northeast	Roof	48	No	N/A
Beam	PC-19A	Metal	Orange	Ceiling space	Structural beams and columns	650,000	No	N/A

Page 2 of 9

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Art Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-20	Plaster	White	A103 east center	Interior walls throughout	1,100	No	N/A
Ceiling	PC-21	Plaster	White	IATU3 north center	Interior ceiling throughout	910	No	N/A
Wall	PC-22	Stucco	White	Exterior north center	Exterior	540	No	N/A
Roof vent	PC-23	Metal	White	Roof center	Roof	<47	No	N/A
Wall	PC-24	Drywall	White	1st floor equipment room northwest	Interior patch work	62	No	N/A
Beam	PC-25	Metal	Orange	LATTIC SDACE - CENTER	Interior structural beam/columns	560,000	No	N/A

Page 3 of 9

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Barnum Hall

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-40	Stucco	Beige	Exterior east center	Exterior walls, predominant color	<50	No	N/A
Wall	PC-41	Stucco	White	Exterior north center	Exterior walls and trim	82	No	N/A
Wall	PC-42	Plaster	Green	Lobby northwest	Lobby, mezzanine level 1, boys restroom, girls restroom (interior throughout)	970	No	N/A
Wall	PC-43	Concrete	White	Projection room	Projection room walls and ceilings	1,000	No	N/A
Ceiling	PC-44	Plaster	White	Auditorium northeast corner	Interior throughout	<48	No	N/A
Beam	PC-45	Metal	Red	Stage center	Stage area beams, columns, catwalk	220	No	N/A
Wall	PC-46	Brick	Green	Basement Hallway southwest	Basement	<49	No	N/A
Beam	PC-47	Metal	Orange	Attic space center	Original structural beams, columns, decking	440,000	No	N/A
HVAC	PC-48	Metal	White	Roof north center section center	Roof HVAC units and ducting	79	No	N/A

Limited sampling only wall, ceilings, attics, ceiling space and roof were inspected.

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CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Language/ Library Building

								Approx.
Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Damage Qty.
Wall	PC-49	Plaster	White	L109 southwest	Interior throughout	350	No	N/A
Wall	PC-50	Plaster	Blue	1st floor hallway by room L110	1st floor hallway	<49	No	N/A
Ceiling	PC-51	Plaster	White	1st floor L109D center	1st floor closets restrooms	730	No	N/A
Wall	PC-52	Stucco	White	Exterior north center	Exterior	57	No	N/A
Wall	PC-53	Plaster	Green	L109A center	L109A	940	No	N/A
Duct	PC-54	Plaster	Green	L109A north center	L109A	1,300	Yes	20 SF
Wall	PC-55	Drywall	White	II 117 SOUTH CENTER	Dividing walls 1st/3nd floor classrooms	380	No	N/A
Wall	PC-56	Drywall	White	L102 southwest	L102, L103, L100, L101, 1st floor hallway, 2nd floor L200 - L203	<49	No	N/A
Wall	PC-57	Drywall	Blue	2nd floor hallway southwest	1st/2nd floor hallway	<49	No	N/A

Page 5 of 9

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

History Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-58	Stucco	White	Exterior east center	Exterior walls	130	No	N/A
Wall	PC-59	Plaster	Blue	1st floor hallway by H120	1st floor hallway	<49	No	N/A
Wall	PC-60	Plaster	White	Room H121 east center	All rooms throughout	2,600	No	N/A
Wall	PC-61	Drywall	White	Room H121 east center	All room throughout patch work	67	No	N/A
Ceiling	PC-62	Plaster	White	1st floor women's restroom southwest	Restroom, closets, storage rooms	58	No	N/A

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MATERIAL INVENTORY LEAD PAINT CHIP SAMPLES

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

North/South Gym

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-63	Drywall	White	Basement SG14 southwest	Basement throughout	59	No	N/A
Wall/ceiling	PC-64	Concrete	White	Basement SG14 northwest	Basement throughout	57	No	N/A
Duct	PC-66	Metal	White	Basement SG16A	Interior duct work	72	No	N/A
Beam Wall	PC-67	Metal	Green	South gym 2nd floor mechanical attic space	Interior structural beams, columns, truss	27,000	No	N/A
Wall	PC-65, PC68	Plaster	White	N220 southeast	Interior throughout	<48, <47	No	N/A
Wall	PC-69	Plaster	Yellow	North gym 2nd level southwest hallway	North gym lobby, mezzanine area	460	No	N/A
Wall	PC-70	Stucco	White	North gym north center	Exterior throughout	65	No	N/A
Wall	PC-71	Concrete	White	South gym southwest	Exterior throughout	67	No	N/A

Page 7 of 9

MATERIAL INVENTORY LEAD PAINT CHIP SAMPLES

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Admin Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Duct	PC-72	Metal	White	Book room center	Book room	5,000	Yes	50 SF
Wall/ceiling	PC-73	Concrete	White	Book room northeast	Basement area	570	No	N/A
Wall	PC-74	Plaster	White		Walls/ceilings basement area, 1st floor, office, storage, restrooms	1,100	No	N/A
Wall	PC-75	Drywall	White	Electrical room southeast	Electrical room, 1st floor restrooms, offices (patch work)	<46	No	N/A
Wall	PC-76	Brick	White	Exterior north center	Exterior walls	<49	No	N/A
Wall	PC-77	Stucco	White	Exterior north center	Exterior walls	440	No	N/A
Wall	PC-78	Brick	Yellow	Hallway northeast corner by northeast exit	1st floor, lobbies, hallways, main areas	<49	No	N/A
Wall	PC-79	Plaster	Yellow	Hallway by entry to AD511	1st floor, lobbies, hallways, main areas	<53	No	N/A
Wall	PC-80	Drywall	Yellow	Hallway by entry to AD508	1st floor, lobbies, hallways, main areas	<58	No	N/A

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MATERIAL INVENTORY LEAD PAINT CHIP SAMPLES

CLIENT: Santa Monica- Malibu USD

PROJECT NO: SMSD-17-7472 **PROJECT NAME:** HAMOHI - HVAC

Music Building

Component	Sample No.	Substrate	Paint Color	Sample Location	Material Location	Results (PPM)	Damage	Approx. Damage Qty.
Wall	PC-81	Wood	White	Room 201A southwest	Practice rooms, 1st and 2nd floors, M100, M101	<48	No	N/A
Wall	PC-82	Plaster	White	Room 200A north center	Interior throughout original walls (M200, M105, M100, N101)	<48	No	N/A
Wall	PC-83	Drywall	White	Room 200 south center	Interior patch work walls/ceilings at 2nd floor	<81	No	N/A
Wall	PC-84	Stucco	White	Exterior 2nd level west center	Exterior walls	350	No	N/A
Wall	PC-85	Drywall	Blue	1st floor hallway southwest	1st/2nd floor hallways	<50	No	N/A
Beam	PC-86	Metal	Blue	M102 center	Room M120. M104, M103	<47	No	N/A
Deck	PC-87	Metal	Blue	M102 northwest	Room M102, M104, M103	<49	No	N/A
Duct	PC-88	Metal	Blue	M102 center	Room M102, M104, M103	<77	No	N/A
Wall	PC-89	Drywall	White	M102 southwest	1st floor throughout	61	No	N/A
Wall	PC-90	Brick	White	M105 south center	M105	66	No	N/A

Page 9 of 9



Client:	SMINO		Technician:	fluirlenh-	
Project No.:			Date:	1-24-18	•
Project Name:	SAMOHT.	Business Bldg	Page:	of .	

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wa((PC-1	Plaste	Wh. Ze	2-t How - 15206	Fite walls	7-5	500
		1 Jan	Pe-2	Digwall	White	2° 2 11 8706 - 1/62		Ŋ	37/3-
		Coiling	7-3	Plist	white	2-2 Moin - NRR	Futural Furfatour	y_5	100
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		Which	1 - 1	7 1	white.	5/2	1't Mon Hellway	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
				pluste	Bluz	11 1/w - Ac/(way	7		
*		Cestignall Wall	-6	Longrate	White	R- B109 5/20	1'- Clo- chuge		· 1
		le.hg	-7	me tal	Eva-	P- B1055/w	P~B105	Y-cs	10
		ent.	18	Mehl	wh.te	Pod-a	fort-eated Verd	LES	18
		Vent			•				5 / /



Client:	Jule 10 S/2	Paint Chip Sample List	Technician: F. fusiles.
Project No.:			Date: (-25" * 18
Project Name:	SAROHT -	Enlinh Blog	Page: of _\

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wall	PC-9	Rush	White	R- E107 - E/L.	Jufeur thou hout Danied in RR (ceity.	Sace \	100 Salt
		Wa(1	10	disti	Blue	15 How Hallway - 6.,	THE Mucy sad Steway		
		Wull.	1(0-1-411	white	EN3- N/cf	tetenthuytout.	<u>、</u>	
		Ce. 1-4	(1	Pl-Ha	white	1 1/20 H. ((Juny - Ct)		<u>/</u>	
		PLJ	l3	Mell	white	the state of the s	1st Now-lownwicotar Ray Peach Ra	Ŋ	
			73	Concréte				رم الم	
		wall	1.5	D14w11/	Bene	209 - 11/4	2-209, 209A	# Yes	100
	-	1	16	Ploch		-5/6			100
		/e./-	. 17	Metal	Biono	J-5/8	P_709.	· //	70.
	<u> </u>	Vall	-18	Sylecov	white	Stur M.	Extr well		1
	1	vent	19	Metl	white	200F-N/6	Rew		
			taA	Mehl	Wang &	Attely space.	Structul Beaus	N	1 .



Client:	Samuer)	ranit Cinp Sampic List	Technician:	FRu	laibe	n#0 ∰
Project No.:			Date:	1 ~ 5	5-18	
Project Name	: SAMOKT. A	7+5 B/Jy	Page:	1	of	

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		با ،س	PC-20	Pl-cte	12.4	A-103-6/24	Intervalls	~	
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	}				•				
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	<b>]</b>								



Client:	SMMUSO	Paint Chip Campic List	Technician:	F. Puialais
Project No.:			Date:	1-29-18
Project Name:	SAMOHI.	Rainer Hall	Page:	of \\

Homogeneous #	Photo	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Wall	PC-40	Stucco	Berge	Exter- E/W	Exter-walls . Philimst		
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		wull	-43	Lawrete	while	Projectes fr.	Rojection Le wulls		
		Leiling		Placter		Aud:ter-N/K	Taken Hungle -1	2	
		Bean	45	me fal	P.J.	stage - ctr.	Stascotec - Bears, Columns, Contineth		
		wals	46	Brick	Green	Basca t- Hallury	Bosen-+		
		Bean	41	Matel	Orque	Atiz Space - Ct	Oringinal Structual	1	
				. / _			Beaut, Colors, Decky	*	
		ار. <i>ل</i> ا				enly - walks, (o:los,	Attoo Geive Space		
		HV4-C.	1/0	Roats	were	Rent - MG section	B-w-HUAC		
			70			C 4~	units and dinter		•



Client:	Sucurp	I dille ville variere Live	Technician:	Ruu-(ccle
Project No.:			Date: 1-29	-18
Project Name:	SA-vio HT -	Languar Ibray Bldg	Page:	of(

Homogeneous #	Photo	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		۱۱رس	PC-484	Pl. ite	while	1100B-500	Frenter - Hwoughout	2-	
		ball.	50	Plante	Blue	1st How Hellumy - by	1th Healthury		
	•	Le.hg	51	Macke	White	1441, PL1090	i'Man- Closete, A.F.s		
		Wall	52	stacco	white	Exter N/ct	Exter		
		Wali	53	Plante	ween	4- CL	LloqA		
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		wil	\$ 5	Prywall	White	L.12 5/W	Divide Vulls 1st 202 How Edussians		
	7								
		in 11	56	Drywell	White	1102-5/0	L102, L103, L100, L101, 1t How Hollway		
							2 1000 1200 -7LZ		
		nul	57	Dry wall	Blue	2 Flow-Hellwy	1:1/2 -c Mon 16/1/2	2	



Client:	SMMWRD	Paint Chip Sample List		10-6.6.
Project No.:			Technician:	1-20-18
Project Name	SAMOHIT	tister Bldg	Date: Page:	of /

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		ا ۱۰۰۰	PC-58	Stree	しんっと	Exten - Ext	Exten walls	لح	
		wall	54	Pluste	8/4	134/100 Hallway - by 14120	1the Hallway		
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		wull	61	Drywall	wha	R-H121 EST	All Kus Heroughed  # teh wak		
		Ceily	62	Plush	whit	1" How WRR-5/W	RIZ, Closete, Storge		



	*		Paint Chip Sample List			
Client:	- Smul	-10		Technician:	F-Rus Kesky	
Project No.:		¥6		Date:	1-30-18	
Project Nam	e: SAVIO # 5	<u> </u>	North South Gyan Blde	Page:	of	-}
nogeneous	hoto	Sample			Damage	d Est.

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		, wall	PC-63	D/4mall	White.	Breent-5414	Basement - throghend		
		well	-64	Concrete	white		Barement thoghast	<u> </u>	
	*	wall	.65	Pliste	White		Julan - Hunglant		
		Duet	-66	Me41	white		Fuden-Out		
		Beam	.67	mell	been	South Gym-2 thou Much Attic Space		~	
	-P	بايد	.68	1 ( who	white	N 220-5/8	Inter- Harry h.		
			-69		Yellow	N-the Gryn - 2 d Level S/w thelway	12-th 6x-Lobby		
			-70	Stucco	white		Mezzene Hroghet	<i>y</i>	
			71	Carante		5. th Gym . 5/w			
	*								



Client:	SAucusp	Paint Chip Sample List	Technician:	co. (.	
Project No.:			nechnician	1-31-18	
Project Name:	SAWOHT -	Adam Bld.	Page:	of	

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Est. Damaged Qty.
		Duct	PC.72	plef.	whhe	Book Fu - Ch	fook fu	res	500 500
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		wau	75	Dywall	white	Electo( R 5/A	Electric (Pa, 1st How fl's, offices	Patch ma	4)
		wall	76	Brick	white	Exten-10/col	Extre - wells	در	
			77	Stace	4	- N4		<b>ب</b>	
		wall	78	Buck	Ye//30	Hallway- P/E Come by · P/E Ex. to	Mary Areny	رم ا	
				Pla rte	6	Hallway by Enty		<i>N</i>	
			80	Diyuall	Yel150	Hellway - by Entry to AD 50B			
	•								



		Paint Chip Sample List	
Client:	Sumuro		Technician: F. Kurc (car)
Project No.:			Date: 10:1-11-10
		1.	Page: 1of
<b>Project Name:</b>	SAMOHT -	Music 18/2	

Homogeneous #	Photo #	Component	Sample #	Substrate	Paint Color	Sample Location	Material Location	Damaged Yes/No	Damaged Qty.
		しんし	PC-81	كردوس	wh.L	Rm-201A S/w	Practuce Rus 1st/e de Hous, M100,M	101	
		654 H	-82	plaste	white	R-20-A-MET	Enter thoughon the ariginal wals (200	M105 100,	401
		Maci	-83	Dyvoll	1	200-5/11	Walls/Co. Leg Hert Coto	1 /	
	•	wall	-84	Stacco	M	Extre-2 Level			
		will	85	Dywall	Blue	B1st-llow Hallway			
		Ben	26	Me L	Rhur	4102 - CY	PUMIOZ MIOY, MOZ		
		Deck	87		1	M(02-N/W	Ra MOZ, MOY, MOS		
		Quet	8-8	4		M(02-CH)	R-MIOZ, MIUUL, MI	3	
		wall					1st How thoughant		
		well	90	book	いし、人	M101-15/4	M105-		

Appendix D

Laboratory Analytical: Lead



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807

Attention: Cesar Ruvalcaba

Report Number: 1830118

Date Received: 2/1/2018 Date Analyzed: 2/7/2018

Date Reported: 2/8/2018

Analytical Method: EPA 7420/3050

Reporting Limit: 5.0 µg

Project Number: SMSD-17-7472
Project Name: SAMOHI

Location:

PO Number: SMSD-17-7472

Date Sampled: 1/24/2018, 1/25/2018

1/29/2018, 1/30/2018

1/31/2018

Sampled By: F.R. Total Samples: 77

	Lead (Pb) in P	aint by Flame AAS	
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)
1830118-001 PC-1	Wall Plaster White - Business Bldg	0.1001	220
1830118-002 PC-2	Wall Drywall White - Business Bldg	0.1047	< 48
1830118-003 PC-3	Ceiling Plaster White - Business Bldg	0.1000	150
1830118-004 PC-4	Wall Stucco White - Business Bldg	0.1062	200
1830118-005 PC-5	Wall Plaster Blue - Business Bldg	0.1003	< 50
1830118-006 PC-6	Ceiling/Wall Concrete White - Business Bldg	0.1028	< 49
1830118-007 PC-7	Ceiling Metal Gray - Business Bldg	0.1005	75,000
1830118-008 PC-8	Roof Vent Metal White - Business Bldg	0.1030	160,000
1830118-009 PC-9	Wall Plaster White - Business Bldg	0.1046	610
1830118-010 PC-10	Wall Plaster Blue - English Bldg	0.1000	< 50
1830118-011 PC-11	Wall Drywall White - English Bldg	0.1014	52
1830118-012 PC-12	Ceiling Plaster White - English Bldg	0.1060	430



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807

Attention: Cesar Ruvalcaba

Project Number: SMSD-17-7472
Project Name: SAMOHI

Location:

PO Number: SMSD-17-7472

		PO Number: SMSD-17-7472							
	Lead in Paint I	by Flame AAS							
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)						
1830118-013 PC-13	Duct Metal White - English Bldg	0.1052	370						
1830118-014 PC-14	Wall/Ceiling Concrete White - English Bldg	0.1053	120						
1830118-015 PC-15	Wall Drywall Beige - English Bldg	0.1041	2600						
1830118-016 PC-16	Wall Plaster Beige - English Bldg	0.0873	66						
1830118-017 PC-17	Ceiling Metal Brown - English Bldg	0.0763	< 66						
1830118-018 PC-18	Wall Stucco White - English Bldg	0.1064	< 47						
1830118-019 PC-19	Roof Vent Metal White - English Bldg	0.1031	48						
1830118-020 PC-19A	Beam Metal Orange - English Bldg	0.1074	650,000						
1830118-021 PC-20	Wall Plaster White - Arts Bldg	0.1028	1100						
1830118-022 PC-21	Ceiling Plaster White - Arts Bldg	0.1065	910						
1830118-023 PC-22	Wall Stucco White - Arts Bldg	0.1030	540						
1830118-024 PC-23	Roof Vent Metal White - Arts Bldg	0.1057	< 47						
1830118-025 PC-24	Wall Drywall White - Arts Bldg	0.0846	62						
1830118-026 PC-25	Beam Metal Orange - Arts Bldg	0.1012	560,000						
1830118-027 PC-40	Wall Stucco Beige - Barnum Hall	0.1001	< 50						
1830118-028 PC-41	Wall Stucco White - Barnum Hall	0.1066	82						
1830118-029 PC-42	Wall Plaster Green - Barnum Hall	0.1009	970						
1830118-030 PC-43	Wall Concrete White - Barnum Hall	0.1008	1000						



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807

Attention: Cesar Ruvalcaba

Project Number: SMSD-17-7472 Project Name: SAMOHI

Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS							
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)				
1830118-031 PC-44	Ceiling Plaster White - Barnum Hall	0.1046	< 48				
1830118-032 PC-45	Beam Metal Red - Barnum Hall	0.0700	220				
1830118-033 PC-46	Wall Brick Green - Barnum Hall	0.1016	< 49				
1830118-034 PC-47	Beam Metal Orange - Barnum Hall	0.1026	440,000				
1830118-035 PC-48	HVAC Unit Metal White - Barnum Hall	0.0729	79				
1830118-036 PC-49	Wall Plaster White - Language Bldg	0.1005	350				
1830118-037 PC-50	Wall Plaster Blue - Language Bldg	0.1024	< 49				
1830118-038 PC-51	Ceiling Plaster White - Language Bldg	0.1000	730				
1830118-039 PC-52	Wall Stucco White - Language Bldg	0.1089	57				
1830118-040 PC-53	Wall Plaster Green - Language Bldg	0.1008	940				
1830118-041 PC-54	Duct Metal Green - Language Bldg	0.1023	1300				
1830118-042 PC-55	Wall Drywall White - Language Bldg	0.1014	380				
1830118-043 PC-56	Wall Drywall White - Language Bldg	0.1030	< 49				
1830118-044 PC-57	Wall Drywall Blue - Language Bldg	0.1029	< 49				
1830118-045 PC-58	Wall Stucco White - History Bldg	0.1032	130				
1830118-046 PC-59	Wall Plaster Blue - History Bldg	0.1026	< 49				
1830118-047 PC-60	Wall Plaster White - History Bldg	0.1007	2600				
1830118-048 PC-61	Wall Drywall White - History Bldg	0.1007	67				



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807 Attention: Cesar Ruvalcaba Project Number: SMSD-17-7472
Project Name: SAMOHI

Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS						
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)			
1830118-049 PC-62	Ceiling Plaster White - History Bldg	0.1034	58			
1830118-050 PC-63	Wall Drywall White - North/South Gym	0.1018	59			
1830118-051 PC-64	Wall/Ceiling Concrete White - North/South Gym	0.1056	57			
1830118-052 PC-65	Wall Plaster White - North/South Gym	0.1044	< 48			
1830118-053 PC-66	Duct Metal White - North/South Gym	0.0833	72			
1830118-054 PC-67	Beam Metal Green - North/South Gym	0.1023	27,000			
1830118-055 PC-68	Wall Plaster White - North/South Gym	0.1065	< 47			
830118-056 PC-69	Wall Plaster Yellow - North/South Gym	0.1017	460			
1830118-057 PC-70	Wall Stucco White - North/South Gym	0.1003	65			
1830118-058 PC-71	Wall Concrete White - North/South Gym	0.1002	67			
1830118-059 PC-72	Duct Metal White - Admin Bldg	0.1015	5000			
1830118-060 PC-73	Wall/Ceiling Concrete White - Admin Bldg	0.1071	570			
1830118-061 PC-74	Wall Plaster White - Admin Bldg	0.1011	1100			
1830118-062 PC-75	Wall Drywall White - Admin Bldg	0.1083	< 46			
830118-063 PC-76	Wall Brick White - Admin Bldg	0.1022	< 49			
830118-064 PC-77	Wall Stucco White - Admin Bldg	0.1058	440			
830118-065 PC-78	Wall Brick Yellow - Admin Bldg	0.1019	< 49			
1830118-066 PC-79	Wall Plaster Yellow - Admin Bldg	0.0947	< 53			



Alta Environmental 3777 Long Beach Boulevard Long Beach, CA 90807 Attention: Cesar Ruvalcaba Project Number: SMSD-17-7472
Project Name: SAMOHI
Location:

PO Number: SMSD-17-7472

Lead in Paint by Flame AAS						
Lab ID Client ID	Location/Description	Sample Weight (g)	Lead Concentration ppm (mg/kg)			
1830118-067 PC-80	Wall Drywall Yellow - Admin Bldg	0.0862	< 58			
1830118-068 PC-81	Wall Wood White - Music Bldg	0.1036	< 48			
1830118-069 PC-82	Wall Plaster White - Music Bldg	0.1037	< 48			
1830118-070 PC-83	Wall Drywall White - Music Bldg	0.0616	< 81			
1830118-071 PC-84	Wall Stucco White - Music Bldg	0.1044	350			
1830118-072 PC-85	Wall Drywall Blue - Music Bldg	0.1005	< 50			
1830118-073 PC-86	Beam Metal Blue - Music Bldg	0.1054	< 47			
1830118-074 PC-87	Deck Metal Blue - Music Bldg	0.1028	< 49			
1830118-075 PC-88	Duct Metal Blue - Music Bldg	0.0650	< 77			
1830118-076 PC-89	Wall Drywall White - Music Bldg	0.1025	61			
1830118-077 PC-90	Wall Brick White - Music Bldg	0.1020	66			

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. Tabat



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

(Lab) Order No.	1830118	

	CUSTOMER INFO	ORMATIC	N	Turnaround Tim	e	Shipped	Bv	Reno	rt Send Via	,
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	5m5D-17	-7472		_ Work Order No	.:					
Location:			-	_Sampled By:		- 2	FR.			
PL		Р	CM	I MC	LD	-		LEAD	(Db)	
PLM EPA 600/M4		NIOSH 7		Spore			Air		TTLC	
PLM 400 Pt. Cou PLM 1000 Pt. Co		NIOSH 7		Tape	Lift		Paint	X	25	
1 EM 1000 Pt. CO	unt (<0.1%)	w/ TWA			Sample		Wipe			
SAMPLE ID	SAMPLE TY	PE		Swab			Soil			
				LOCATION			Date	Start Time	Avg	Volume
PC-1	24		1	Ω			Sampled	Stop Time	Flow Rate	(L)
	Wall Plaste Wy	h		Business	Bldg	i	-24-17			
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4	Wall Staces									
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1508 E. 33rd Street Signal Hill, CA 90755 562-206-2770 Tel 562-206-2773 Fax services@AQenvlabs.com



Company: Alta Environmental

Project Number: 0 SMS 0 - 17 - 7477

Project Name: 0 SAMOHT

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE LOCATION		Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
PC-9	wall Plante White	English Bldg	1-25-07			
10	Wall Plante Blue					
10	wall Diquall white					
12	Ceilog Plaste White					
-	Duct Metal White	1-				
-	way Leine werde who					
	Wall Drywill Berge					
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17	Lily Metal Brown	5 +1				-
18	wall stuces where					-
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= 19A		-	7			
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PC-20	wall flash whole	Arts Bldg	(-25-6	8		
, 21	Colos Roth white	,	,			_
22	hall st. white					-
23	Rot Vent Hetel Whome wall whose Beau Hetel Wars	le			-	
24	wall Organil white					
+ 25	Bear Net Ware		+			
Relinguished By	y: Fabian Ruvalcaba	Received By:	12 Tabatt 101/18, 8.			

Ver. 082411



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

Company:	Alta
Project Number:	Susp-17-7472
Project Name:	SAMOKI

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE	LOCATIO	N	Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)		
PC-26	tha 39 # 6 w	e. Not use,	_	1-20-1					
PC-40	wall Stuces Besse			1-29-1	2				
1 41	wall staceo white	1		1.					
42	wall Placke Green								
47	wall larente who	*							
44	Ceily Pluste We	te			47				
45	Beau Metil Ros	/							
46	wall Brick We								
47	Began Metal &	evange.							
1 48	HVAC unt Metal	white -		d					
3									
5 pc.c	19 wall Plothe White	Lauguar	B LLe	1-29-19					
Pc-50	Wall Plotte Rlug	1	/	1					
51	Carry A-eta who	fe							
52	wall sticco white								
53	wall plack twee								
54	Duct Metal Ever								
55	wall prevall wh	1							
56	wall Diguell wh								
57	wall Dyrell B	a v		1			+		
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Company:	Alta	
Project Number:	(acp-17-7472	
Project Name	SAMOHI	

(Lab) Order No. 1830118

SAMPLE ID	SAMPLE TYPE	-4	LOC	ATION		Date Sampled	Start Time Stop Time	Avg Flow Rate	Volume (L)
PC-58	wall staces Wife	H	Shan	, Bldy	i	-30-1			71.8
, 59	wall Plate Ble		7	, , , , ,					
60	wall Plate white				1				-
61	wall Digwall who	10							
162	City plothe Who	le	<			+			
			100				-44		
PC-63	well Diguall white	Na	K/So	ate Gym	1	-30-17			
64	walkerly would while			L.		p			
65	way Plate white								
66	Or of Metal White								
67	Bran Mell breen								
68	wall Plette Who	te							
69	Plarte Yellow								
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Lab Forms Ver. 2016-06-27

Page U of C



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Company:	Alta	
Project Number:	SMSD-17-7472	
Project Name:	Stuco HI	

(Lab) Order No. |830||8

SAMPLE ID	SAMPLE TYPE	LO	CATION	Date Sample	Start Time d Stop Time	Avg Flow Rate	Volum (L)
PC-72	Duck Mell White	Adun	RIL	1-31-12			1-2
, 73	way laing laverste White		Biec				
74	wall place white			-			
75-	well Phywell which						
76	wall Brizk white						
77	wall stacco while				.45		
78	Wall Brick Yellow	.	-141				
79	Wall Plack Fellow						
180	Wall Dyrull Yellow			1	,		
						-	
PC-81	well would white	Musiz	812	1-31-1	8		
82	well Plack white	1				-	
83	well Dyvell while						
84	well stace white					1	
85	Wall Doyvall Blu-						
86	Bean Well Blue	1	è			-	
87	Ock Metal Blux		4				
88	Ouct Mafil Blue						
89	wall by will which						
_ 90	Will Bink white	A	N	. 1			
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## Appendix E

Alta Environmental Employee Certifications

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

### Cesar Ruvalcaba

Name



Certification No. 95-1799

Expires on 10/27/18

This certification was issued the Division of Occupational Service and Health as authorized by Sections 710 at 12 day the Business and Professions Code.



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

Fabian Ruyalcaba

Certification No. 15-5533

Expires on 191748

This certification was issued by the Division of Occupational September 1917 and Business and Professions Code.



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

Jorge Robies
Name



Certification No. 17-6028

Expires on _11/14/18

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



### Appendix F

**Previous Survey:** 

Cape Environmental 1993, CTL Environmental 2006,

### COMPREHENSIVE ASBESTOS SURVEY RECORD

Santa Monica High School 601 Pico Boulevard Santa Monica, California 90405

### Prepared for:

Santa Monica-Malibu Unified School District 1651 16th Street Santa Monica, California 90405

Prepared by:

**CTL Environmental Services** 

24404 South Vermont Avenue, Suite 307 Harbor City, California 90710 (310) 530-5006

> June 17, 2008 CTL Project No. 107-0008

### **TABLE OF CONTENTS**

### **EXECUTIVE SUMMARY**

INVESTIGATION	1
METHODOLOGY	1
RESULTS	2
CONCLUSIONS AND RECOMMENDATIONS	7
ASSUMPTIONS AND LIMITATIONS	7
TABLES/APPENDICES	
A. Material Inventory	

Summary of Bulk Sample Analysis Sample Identification Sample Description **Estimated Quantities** 

- B. Laboratory Analysis Report
- C. Sample Locations
- D. CTL Employee Certifications
- E. CAPE ENVIRONMENTAL'S 1993 PREVIOUS SURVEY REPORT



**EXECUTIVE SUMMARY** 



24404 South Vermont Avenue, Suite 307 • Harbor City, CA 90710 • TEL: (310) 530-5006 • FAX: (310) 530-0792

**REPORTED:** June 17, 2008 **CTL PROJECT NO.:** 107-0008

**CLIENT:** Santa Monica-Malibu Unified School District

1651 16th Street

Santa Monica, California 90404

**ATTENTION:** Mr. Wally Berriman

**REF:** Comprehensive Asbestos Survey Record

Santa Monica High School

**601 Pico Boulevard** 

Santa Monica, California 90405

### **INVESTIGATION**

On April 2, 2007 through April 5, 2007, January 4, 2008, January 31, 2008 and February 1, 2008, CTL Environmental Services (CTL) conducted a comprehensive investigation for the presence of asbestos-containing materials (ACMs) at Santa Monica High School located at 601 Pico Boulevard, California. The survey included the following:

- (a) Review of Cape Environmental's 1993 Previous Survey Report
- (a) An initial investigation to locate suspect ACMs
- (b) Physical assessment of suspect materials
- (c) The collection of bulk samples from suspect materials
- (d) Laboratory analysis of all collected samples

Santa Monica-Malibu Unified School District located in Santa Monica, California, retained CTL for this investigation. Victor Sanchez, a Certified Site Surveillance Technician and EPA-accredited Building Inspector and Fabian Ruvalcaba, a Certified Site Surveillance Technician and EPA-accredited Building Inspector, both employed by CTL, conducted the samplings.

### METHODOLOGY

The sampling was conducted using guidelines set forth in Federal Register 40 CFR Part 763.

Based on the requirements of the United States Environmental Protection Agency (USEPA) as set forth in 40 CFR 763, a homogeneous area 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 area. If one sample in a homogeneous area is found to contain asbestos, the entire homogeneous area is considered to be asbestos-containing.

We're merging with



It is possible that one sample out of a set of samples collected from a homogeneous area can be positive for asbestos and the remaining samples in the homogeneous area are negative. However, the entire area must be considered as asbestos-containing.

Caution is advised in interpreting results provided herein.

Bulk samples collected from the subject site were subsequently analyzed by Polarized Light Microscopy (PLM) for asbestos content in accordance with the United States Environmental Protection Agency (EPA) *Determination of Asbestos in Bulk Building Materials: EPA/600/R-93/116, July 1993*, at AmeriSci Los Angeles, a NVLAP-accredited laboratory located in Carson, California.

### **RESULTS**

The following materials were found to be asbestos-containing.

Santa Monica High School- Art Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
4" diameter pipe TSI	5271	Second floor attic space throughout	10% Chrysotile 10% Amosite
4" diameter pipe elbows TSI	5272	Second floor attic space throughout	5% Chrysotile
Window putty	5274	Exterior windows	<1% Chrysotile
Asbestos containing cement panels	NA	Room 013A, lining furnace hood	Assumed
Roofing	NA	Roof	Assumed
Moisture barrier paper	NA	Exterior walls under stucco	Assumed
Chalkboard mastic	NA	Room 105, 103, 102, 101, 014	Assumed
Cork board mastic	NA	Room 105, 103, 102, 101, 014	Assumed

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Joint compound	5197-5200	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	None detected- 3% Chrysotile
9" tan floor tile with mastic	5213	Room 300B	None detected (tile) 3% Chrysotile (mastic)
9" brown floor tile with mastic	5214	Room 300B, electrical room, room 101, 405, 401 closet	4% Chrysotile (tile) 4% Chrysotile (mastic)
Tan floor tile with mastic, under brown carpet	5215	Room 102	4% Chrysotile (tile) 2% Chrysotile (mastic) None detected (mastic)

Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
White floor tile, under grey carpet	5216	Room 202, 201, attendance office, room 515-501, lobby 2, 402, 401	None detected (leveling compound) 2% Chrysotile (black mastic) None detected ( yellow mastic)
Brown floor tile, under floor tile	5217	Under floor tile in rooms 200A, 200, 103C, 103D, 103A, 103B, 103, E, F, Vikings Inn, Hallway 1, 2, 3	5% Chrysotile (tile)4% Chrysotile (black mastic)None detected (yellow mastic)
Grey carpet glue with black residual mastic	5222	Lobby I	3% Chrysotile
Exterior patching compound	5225	Exterior around door casing and window casing at Vikings Inn, west doors and windows	7% Chrysotile
Window putty	5226	All exterior windows	2% Chrysotile
Moisture barrier paper	NA	Exterior wall under stucco	Assumed
Roofing	NA	Roof	Assumed

Note: Fiberglass pipe insulation observed above ceiling space

Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT	
Window putty	5247	All exterior windows	<1% Chrysotile	
Moisture barrier paper under stucco	NA	Exterior walls, under stucco	Assumed	
Button board	NA	Kitchen	Assumed	
Roofing	NA	Roof	Assumed	
Chalk board mastic	NA	Basement room 10, first floor rooms 100, 106, 110, 120, 111, 115	Assumed	

*Note:* Samples 5231 - 5234 water damage causing plaster to become brittle in various locations Fiberglass pipe insulation observed in ceiling spaces on first and second floors

MATERIAL SAMP		MATERIAL LOCATION	ASBESTOS CONTENT	
Joint compound, drywall, 5163-5171 composite	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	None detected- 3% Chrysotile (joint compound) None Detected (drywall) None Detected (composite)		
Window putty	5183	All exterior windows	<1% Chrysotile	
Freezer insulation	NA	Freezer	Assumed	

Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Roofing	NA	Roof	Assumed

Note: Fiberglass insulation observed in ceiling space throughout

Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT	
Window putty	Н06- Н	O8 Exterior windows and classroom interior, classroom putty is in the interior	None detected- <1% Chrysotile	
Soft rough plaster	Н16- Н	22 Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	3% Chrysotile- Not analyzed/positive stop	
Roofing materials and mastics	Assumed	Roof	Assumed	

Santa Monica High School- Technology Building

		MATERIAL LOCATION	ASBESTOS CONTENT	
Roof mastic	N/A	Roof penetrations	Assumed	
Chalk board	N/A	Rooms T100 T113, rooms T200- T219	Assumed	
Rolled on roof core	N/A	Roof	Assumed	
Roof perimeter base flashing	TB2301-TB2303	Roof	5%-10% Chrysotile	
Roof penetration base flashing	TB2401-TB2403	Exterior walls and walkway ceiling	None Detected- 3% Chrysotile	
Exterior wall stucco	TB2502-TB2505	Exterior walls and walkway stairwell ceilings	2%-3% Chrysotile	
Roofing materials and mastics	Assumed	Roof	Assumed	

SMMUSD- English Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	TION CONTENT  E208, E210, 5% Chrysotile  or, E201, E200, E101, E103,	
Soffit plaster ceiling	E201 to E203	E217, E215, E213, E208, E210, second floor corridor, E201, E200, E302, E304, E100, E101, E103, E107, E109A, B, C, D, E113, E117, first floor corridor		
Roof core	NA	Roof	Assumed	
Roof mastic	NA	Roof penetration	Assumed	
Chalk board	NA	Rooms E100, E101, E103, E107, E113, E115, E117, E200, E201, E213, E215, E217	Assumed	

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT	
Stucco	TB2502 TB2505	Exterior walls in west side and stairwells	2%-3% Chrysotile	
Rolled on roof core	NA	Roof	Assumed	
Roof mastic	NA	Roof penetrations	Assumed	
Chalk boards	NA	Rooms, S200, S201, S202, S203, S204, S205, S207	Assumed	
Window putty	SCI301-SCI303	Exterior windows	2%-3% Chrysotile	
12" blue floor tile and mastic	SCI-4-1 to SCI-4-3		None detected (tile) None Detected trace (mastic)	
12" gray floor tile and mastic		\$103, \$101C, (restrooms), \$101P, \$101	None detected (tile) None Detected - Trace (mastic)	

Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Base flashing roof panel	LL1301-LL1303	Roof	None Detected- 5% Chrysotile
Exterior stucco wall	LL1401-LL1405	Exterior walls	2%-3% Chrysotile
Exterior ceiling stucco	LL1501-LL1505	Overhangs	2%-3% Chrysotile
Ceiling access panels	LL1601	Room L104 through L116, Room L204 through L210	3% Chrysotile
9" beige/tan floor tile	LL0801-LL0805	L102C, L108B	3%-20% Chrysotile
12" blue speckled floor tile	L02	L208, L206, L204, L205, L104, L105, L106, L107, L108, L109, L108A, L114, L115, L116	None detected (tile and yellow mastic) 5% Chrysotile (black mastic)
12" white floor tile	L06	Second floor corridor, first floor corridor	None detected (tile) 4% Chrysotile (mastic)
12" dark gray speckled floor tile	L07	Second floor corridor, first floor corridor	None detected (tile) 4% Chrysotile (mastic)
Chalkboards	N/A	Rooms L104, L105, L106, L107, L108, L109, L110, L111, L112, L113, L114, L115, L116, L117, L118	Assumed
Rolled on roof core	N/A	Roof	Assumed
Roof mastic	N/A	Roof penetration	Assumed
12" light gray floor tile (2 layers)	L17	L117, L118	None detected (tile and yellow mastic) 4% Chrysotile (black mastic)

Santa Monica High School-Driver Training Building

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT
Exterior stucco	DT0201-DT0203	Exterior wall and soffits	None Detected- 2% Chrysotile
Gypsum board	Assumed	Custodian room and storage room, behind plaster walls and ceiling	Assumed

Santa Monica High School- Pool Building

	SAMPLE		MATERIAL	ASBESTOS
MATERIAL	NUMBER		LOCATION	CONTENT
Roofing materials and mastics	Assumed	Roof		Assumed

Santa Monica High School-Barnum Hall

MATERIAL	SAMPLE NUMBER	MATERIAL LOCATION	ASBESTOS CONTENT Assumed Assumed	
Ceiling tile and mastic	N/A	Basement hallway 2, first floor elevator lobby		
Gray multicolored carpet and glue	N/A	Basement room 19 and 20		
6" black cove base with adhesive	N/A	Basement room 19 and 20	Assumed	
Electrical wire insulation	SM0301-SM0304	On stage and portable lights	60% Chrysotile	
Light fixture gaskets	SM0401-SM0403	Attic space above hall	60% Chrysotile	
Window putty	SM1101-SM1103	Exterior windows	None detected- 3% Chrysotile	
Roofing materials and mastics	Assumed	Roof	Assumed	
Mural fire curtain	Assumed	Stage	Assumed	

The results for all other materials sampled were reported as "None Detected" based upon the limitations of the analytical method. Please refer to the attached <u>Material Inventory</u> for a complete listing of materials sampled, locations and material conditions.

If any materials are found to contain greater than one-tenth of one percent of asbestos by weight as determined by Polarized Light Microscopy (PLM) method of analysis, Cal-OSHA mandates that the material(s) be treated as an asbestos-containing construction material (ACCM) and are subject to regulation under *CCR Title 8*, *Section 1529*.

If any materials are found to contain more than one percent asbestos by weight as determined by Polarized Light Microscopy (PLM) method of analysis, U.S. EPA mandates that the material(s) be treated as asbestos-containing materials (ACM) and are subject to regulation under 40 CFR 61.

All repair and/or removal work and subsequent disposal should be performed by a licensed asbestos abatement contractor prior to any disturbance of any materials determined to contain asbestos.

For the ACMs identified in this report, dry sawing, sanding, or drilling should be avoided. Additional suspect materials may be exposed during demolition and/or renovation activities; such materials should be sampled and analyzed prior to further disturbance.

#### CONCLUSIONS AND RECOMMENDATIONS

Any damaged asbestos materials should be removed, repaired, encapsulated, or enclosed. The EPA also recommends that all asbestos materials be removed prior to any renovation or demolition activities that may impact the material. The EPA recommends a pro-active, 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 program.

#### ASSUMPTIONS AND LIMITATIONS

This report has been prepared for the exclusive use of the Santa Monica- Malibu Unified School District. In performing our professional services, we have applied present engineering and scientific judgment and used a level of effort consistent with the standard of practice measured on the date of work in the locale of the project site for similar type studies.

CTL 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, CTL accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed. In addition, CTL will not accept liability for any loss, injury, claim, or damage arising directly or indirectly from any use or reliance on this report. CTL makes no warranty, expressed or implied.

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 feel free to contact the undersigned at (310) 530-5006. We appreciate the opportunity to be of service to the Santa Monica-Malibu Unified School District.

Respectfully submitted by,

**CTL Environmental Services** 

Fa-Victor Sanchez, CSST

MT/ebj

Cal-OSHA Cert. #08-4347

Reviewed by,

**CTL Environmental Services** 

Marie Tullai, CIH

Director, Workplace Health & Safety

Mary Tullar

Certified Asbestos Consultant

Cal-OSHA Cert. #92-0218

#### APPENDIX A

**MATERIAL INVENTORY:** 

SUMMARY OF BULK SAMPLE ANALYSIS
SAMPLE IDENTIFICATION
SAMPLE DESCRIPTION
ESTIMATED QUANTITIES

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Santa Monica High School- Art Building

Santa Monica High Scho	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY	FRIABLE	DAMAGE
Sand plaster	5249	None detected	Room 102, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.		No
Sand plaster	5250	None detected	Room 014A, east wall center	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5251	None detected	Room 101, east wall center	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5252	None detected	Room 012, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5253	None detected	Room 012, southeast corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5254	None detected	Room 105, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Sand plaster	5255	None detected	Storage 3, southwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft.	No	No
Joint compound	5256	None detected	Room 012, north east corner	Room 012, O12A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No
Joint compound	5257	None detected	Room 013A, northwest corner	Room 012, 112A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY	. FRIABLE	DAMAGE
Joint compound	5258	None detected	Room 010B, northwest corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. fi		No
Joint compound	5259	None detected	Room 014A, southwest corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft	No	No
Joint compound	5260	None detected	Room 014, southeast corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft	. No	No
Drywall	5261	None detected	Room 012, northeast corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft	. No	No
Composite drywall with joint compound	5262	None detected	Room 012, northeast corner	Room 012, 102A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A	1,800 sq. ft	. No	No
12"x12" random pin hole ceiling tile with glue	5263	None detected	Room 013A, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010B, 010A, dark room, 013, 013A, 014	5,000 sq. ft	Yes	No
2'x4' fissured ceiling panel	5264	None detected	Room 012, ceiling center	Room 012	1,000 sq. ft	No	No
12"x12" blue floor tile with adhesive	5265	None detected	Room 105, southeast corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010 B	4,000 sq. ft	No	No
4" black cove base with adhesive	5266	None detected	Room 102, northwest corner	Room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, 013,013A, 014, 014A	1,000 ln. ft	No	No
Button board	5267	None detected	Storage room 2, attic space west center	Under plaster room 107, 102, 105, 103, 101, storage 1, 2, 3, 012, 012A, 010A, 010B, dark room, 011, 013, 013A, 014, 014A, 011	6,200 sq. ft	No	No
Vibration reducer	5268	None detected	Storage room 2, attic space on HVAC units	Second floor attic space on HVAC units at seams	5 sq. ft	No	No
Duct wrapping (cloth type)	5269	None detected	Room 011, center on HVAC ducting	Room 011 (on fiberglass insolated pipes)	50 sq. ft	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" diameter pipe TSI	5271	10% Chrysotile 10% Amosite	Storage room 7, attic space center	Second floor attic space throughout	120 ln. ft.	Yes	No
4" diameter pipe elbows TSI	5272	5% Chrysotile	Storage room 2, attic space, center	Second floor attic space throughout	10 elbows	Yes	No
Stucco	5273	None detected	Room 107, northwest corner	Exterior walls	4,800 sq. ft.	No	No
Window putty	5274	<1% Chrysotile	Room 107, northwest corner	Exterior windows	150 ln. ft.	No	No
Asbestos containing cement panels	NA	Assumed	Not sampled material intact	Room 013A, lining furnace hood	20 sq. ft.	No	No
Roofing	NA	Assumed	Material not inspected	Roof	NA NA	NA	NA
Moisture barrier paper	NA	Assumed	Not sampled material intact	Exterior walls under stucco	4,800 sq. ft.	No	No
Chalkboard mastic	NA	Assumed	Not sampled material intact	Room 105, 103, 102, 101, 014	200 sq. ft.	No	No
Cork board mastic	NA	Assumed	Not sampled material intact	Room 105, 103, 102, 101, 014	200 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5187	None detected	Lobby 2, southwest corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Sand plaster	5188	None detected	Room 501, northwest corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5189	None detected	Room 300A, northeast corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Sand plaster	5190	None detected	Room 101, northwest corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5191	None detected	Room 511, northeast corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Sand plaster	5192	None detected	Room 201, south center	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5193	None detected	Room 205, southeast corner	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Button board	5224	None detected	Custodian closet above ceiling, west center	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Joint compound	5197	None detected	Room 103C, north center	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5198	None detected	Hallway 3 by room 103A	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No
Joint compound	5199	None detected	Staff men's restroom, 5' south of northwest corner	Staff women's restroom and men's restroom, room 200A, 200, 103C, 103D, 103A, 103B, 103E, 103F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No
Joint compound	5200	3% Chrysotile	Vikings Inn ceiling, northeast	Above 12" random pinhole ceiling tile rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103A, B, C, D, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	2,300 sq. ft.	No	No
Drywall	5201	None detected	Vikings Inn ceiling, northeast	Above 12" random pinhole ceiling tile rooms 2023, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103A, B, C, D, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	2,300 sq. ft.	No	No
Drywall	5203	None detected	Room 103D, west center	Staff women's restroom and men's restroom, room 200A, 200, 103A, A, B, C, D, E, F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No
Composite drywall with joint compound	5204	None detected	Room 103D, west center	Staff women's restroom and men's restroom, room 200A, 200, 103A, A, B, C, D, E, F, hallway 3, lobby 1, rooms 515-501	950 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall	5202	None detected	Hallway 1, southwest above	Above 12" fissured ceiling tile, hallway 1, 2, 3	1,800 sq. ft.		No
Composite drywall with joint compound	5205	None detected	Vikings Inn northeast ceiling	Above 12" random pinhole ceiling tile rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103A, B, C, D, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	2,300 sq. ft.	No	No
Composite drywall with joint compound	5206	None detected	Room 200, ceiling center	Room 200A, 200, attendance office, lobby 1, room 515-501, lobby 2	1,900 sq. ft.	Yes	No
12"x12" fissured ceiling tile with glue	5207	None detected	Hallway, southwest corner	Hall way 1, 2, 3	2,300 sq. ft.	Yes	No
12"x12" random pinhole ceiling tile with glue	5208	None detected	Vikings Inn, northeast corner	Rooms 203, 203A, 204, 205, 200A, 200, 202, 103C, 103D, 102, 101, 103, 103A, B, C, D, E, F, 405, 402, 401, 401 closet and restroom, Vikings Inn, custodian room, electrical room	1,800 sq. ft.	Yes	No
12"x12" white speckled floor tile with adhesive	5209	None detected	Hallway 1, 10' east of northwest corner	Vikings Inn, Room 200A, 200, hallway 1, 2, 3, room 103C, 103D, 103A, B, E, F	800 sq. ft.	No	No
12"x12" light blue floor tile with adhesive	5210	None detected	Hallway 1, 10' east of northwest corner	Vikings Inn, Room 200A, 200, hallway 1, 2, 3, room 103C, 103D, 103A, B, E, F Predominant	2,500 sq. ft.	No	No
12" ocean blue floor tile with adhesive	5211	None detected	Room 203A, southwest corner	Room 203, 203A, 204, 205	400 sq. ft.	No	No
12" blue floor tile with adhesive	5212	None detected	Room 101, north center	Lounge	100 sq. ft.	No	No
9" tan floor tile with mastic	5213	None detected (tile) 3% Chrysotile (mastic)	Room 300B, center	Room 300B	10 sq. ft.	No	No
9" brown floor tile with mastic	5214	4% Chrysotile (tile) 4% Chrysotile (mastic)	Room 300B, southwest corner	Room 300B, electrical room, room 101, 405, 401 closet	300 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Tan floor tile with mastic, under brown carpet	5215	4% Chrysotile (tile) 2% Chrysotile (mastic) None detected (mastic)	Room 102, northwest corner	Room 102	100 sq. ft.	No	No
White floor tile, under grey carpet	5216	None detected (leveling compound) 2% Chrysotile (black mastic) None detected ( yellow mastic)	Room 202, north center at entrance	Room 202, 201, attendance office, room 515-501, lobby 2, 402, 401	2,000 sq. ft.	No	No
Brown floor tile, under floor tile	5217	5% Chrysotile (tile) 4% Chrysotile (black mastic) None detected (yellow mastic)	Room 200 by room 202	Under floor tile in rooms 200A, 200, 103C, 103D, 103A, 103B, 103, E, F, Vikings Inn, Hallway 1, 2, 3	3,300 sq. ft.	No	No
Black residual flooring	5218	None detected	Room 101, northwest corner	Room 101, on 9" floor tile	50 sq. ft.	No	D
4" black cove base with adhesive	5219	None detected	Room 102, north center	Room 102	15 ln. ft.	No	No
6" black cove base with adhesive	5220	None detected	Vikings Inn, 4' north of southeast corner	Vikings Inn, 300A, custodian room, 203, 203A, 204, 205, 200A, 200, 202, 201, hallway 1, 2, 3, attendance office, electrical room, 103A, B, C, D, E, F, 102, 101, lounge, lobby, 1 and 2, room 515-501, 405, 402, 401, 401 closet	2,500 ln. ft.	No	No
Grey carpet glue	5221	None detected	Room 202 at north entrance	Room 202, 201, attendance office, room 515-501, lobby 2, 402, 401	2,000 sq. ft.	No	No
Grey carpet glue with black residual mastic	5222	3% Chrysotile	Lobby 1, center	Lobby 1	450 sq. ft.	No	No
Brown multi colored carpet glue	5 <b>2</b> 23	None detected	Room 102, northwest corner	Room 102	100 sq. ft.	No	No

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Santa Monica High School- Administration Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Button board	5224	None Detected	Custodian closet above ceiling, west center	Attendance office, electrical room, lounge, lobby 1 and 2, Vikings Inn, custodian room, staff men's and women's restroom, hallway 1, 2, 3; rooms 103C, 103D, 102, 101, 103 A and B, E, F, 515, 514, 513, 512, 511, 510, 509, 508, 507, 506, 505, 504, 503, 502, 501, 405, 402, 401, 401 closet, 401 restroom, 300 A and B, 203, 203A, 204, 204 restroom, 205, 205 restroom, 200A, 200, 202, 201	11,000 sq. ft.	No	No
Exterior patching compound	5225	7% Chrysotile	Vikings Inn, exterior northwest	Exterior around door casing and window casing at Vikings Inn, west doors and windows	60 ln. ft.	No	No
Window putty	5226	2% Chrysotile	Exterior by west entrance to hallway 1	All exterior windows	150 ln. ft.	No	No
Stucco	5227	None detected	Exterior by heater closet, southeast	Exterior walls	4,500 sq. ft.	No	No
Moisture barrier paper	NA	Assumed	Not sampled to avoid damage	Exterior wall under stucco	4,500 sq. ft.	No	No
Roofing Note: Fiberglass pine insu	NA	Assumed	Material not inspected	Roof	NA	No	No

Note: Fiberglass pipe insulation observed above ceiling space



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Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5228	None detected	Basement room 10, northeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D
Sand plaster	5229	None detected	Second floor room 205, east wall center	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5230	None detected	First floor room 100 ceiling 7 feet north of southeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D
Sand plaster	5231	None detected	Second floor room 208, east wall center	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D

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Santa Monica High School- Business Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5232	None detected	First floor office 1, northeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D
Sand plaster	5233	None detected	First floor hallway by room 102, south center	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D

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Santa Monica High School- Rusiness Ruilding

Santa Monica High Scho  MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5234	None detected	First floor room 115, northeast corner	Basement room 10, first floor rooms 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110, 111, 120, 115, 122, 124, 126, 126A, Hallway, men's staff restroom, office 1, Second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207, 204A, office 2, girls restrooms, Note: Water damage causing plaster to become brital in various locations	25,000 sq. ft.	No	D
Joint compound	5235	None detected	First floor room 11A, northeast corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Joint compound	5236	None detected	First floor office 1, south wall center	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Joint compound	5237	None detected	First floor room 106, 5' north of southeast corner		3,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5238	None detected	Second floor, room 205 northwest corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Joint compound	5239	None detected	Second floor, room 207 3' west of southeast corner	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Drywall	5240	None detected	First floor room 100, west wall center	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
Drywall composit/ joint compound	5241	None detected	First floor room 100, west wall center	Basement room 10, first floor restrooms 100, 101A, 103, 106, office 1, 106A, 110A, 110, 111, 111A, 122, 124, 126 restroom, second floor rooms 200, 200A, 201, 202, 205, 208, 206, 207	3,000 sq. ft.	No	No
12"x12" blue floor tile with adhesive	5242	None detected	Basement room 10, southeast corner	Basement room 10, first floor: 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 109, 110, 111, 120, 115, 122, 124, 126, 126A, second floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A, first floor hallways, office 1 and 2	20,000 sq. ft.	No	No
12"x12" white speckled floor tile with adhesive	5243	None detected	First floor hallway by room 100, west center	First floor hallway	500 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base with adhesive	5244	None detected	First floor hallway by room 102, south wall center	Basement room 10; first floor 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 110, 111, 120, 115, 122, 124, 126, 126A; second floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A; office 1 and 2, first floor hallway	3,000 ln. ft.	No	No
12"x12" random pin hole ceiling tile with glue	5245	None detected	First floor room 100, 7' north of southeast corner	Basement room 10; first floor 100, 100A, 101, 101A, 103, 104, 102, 106, 106A, 110A, 110, 111, 120, 115, 122, 124, 126, 126A; second floor: 200, 200A, 201, 202, 205, 208, 206, 207, 204A; office 1 and 2, first floor hallway	20,000 sq. ft.	Yes	No
2'x4' fissured ceiling panels	5246	None detected	Second floor room 202, 10' north of southeast corner	Second floor drop ceiling in rooms 202, 206	1,500 sq. ft.	Yes	No
Window putty	5247	<1% Chrysotile	Exterior basement room 10, south west corner	All exterior windows	1,000 In. ft.	No	No
Stucco	5248	None detected	Exterior basement room 10, north west corner	Exterior walls	14,000 sq. ft.	No	No
Moisture barrier paper under stucco	NA	Assumed	Not sampled, material intact	Exterior walls, under stucco	14,000 sq. ft.	No	No
Button board	NA	Assumed	Not sampled, material intact	Kitchen	25,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Roofing	NA	Assumed	Material not inspected	Roof	N/A	N/A	N/A
Chalk board mastic	NA	Assumed	Not sampled, material intact	Basement room 10, first floor rooms 100, 106, 110, 120, 111, 115	40 each	No	No

Note: Samples 5231 - 5234 water damage causing plaster to become brittle in various locations

Fiberglass pipe insulation observed in ceiling spaces on first and second floors

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Sand plaster	5153	None detected	Student cafeteria, 5' south of northwest	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5154	None detected	Serving area, east wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5155	None detected	Serving area, west wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5156	None detected	Kitchen prep, south wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Sand plaster	5157	None detected	Staff cafeteria, 8' east of northwest	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	4,800 sq. ft	No	No
Smooth plaster	5158	None detected	Kitchen, east wall center	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5159	None detected	Kitchen, northwest corner	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5160	None detected	Kitchen, northeast corner	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5161	None detected	Kitchen, north center	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No
Smooth plaster	5162	None detected	Kitchen, west corner	Kitchen, kitchen prep area (walls)	1,200 sq. ft	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5163	None detected	Staff men's restroom west wall center	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5164	None detected	Staff women's restroom, south west corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5165	3% Chrysotile	Serving area, ceiling west center	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5166	None detected	Kitchen, ceiling northeast corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Joint compound	5167	None detected	Kitchen, ceiling southeast corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5168	None detected	Kitchen, ceiling center	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Joint compound	5169	None detected	Changing room, 4' south of northeast corner	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No
Drywall	5170	None detected	Staff men's restroom ceiling, west center at damaged area	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000 sq. ft	No	No

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Santa Monica High School- Cafeteria Building

	SAMPLE	ASBESTOS	SAMPLE	MATERIAL	APPRO			43 0 0 0 E
MATERIAL	NUMBER	CONTENT	LOCATION	LOCATION	QTY		FRIABLE	DAMAGE
Composite drywall with joint compound	5171	None detected	Staff men's restroom ceiling, west center at damaged area	Ceiling in kitchen, kitchen prep area, restroom, above 12" ceiling tile in rooms: student cafeteria, serving area, snack bar, staff cafeteria, walls and ceilings in men's and women's staff restroom, mechanical room, boy's and girl's restroom	13,000	sq. ft	No	No
12"x12" random pinhole ceiling tile with glue	5172	None detected	Serving area, west center	Student cafeteria, serving area, snack bar, staff cafeteria	8,000	sq. ft	Yes	No
12"x12" blue floor tile with adhesive	5173	None detected	Serving area, west center	Serving area, snack bar, changing room, kitchen prep, staff cafeteria (predominant), office 1	2,800	sq. ft	No	No
12"x12" light blue floor tile with adhesive with black residual mastic	5174	None detected	Student cafeteria, 20' south of northwest	Student cafeteria	800	sq. ft	No	No
12"x12" ocean blue floor tile with adhesive	5175	None detected	Student cafeteria, 30' west of northeast corner	Student cafeteria	500	sq. ft	No	No
12"x12" yellow floor tile with adhesive with black residual mastic	5176	None detected	Student cafeteria, 20 feet south of northwest corner	Student cafeteria	200	sq. ft	No	No
12"x12"white speckled floor tile with adhesive	5177	None detected	Student cafeteria, 5' east of northwest corner	Predominant in (student cafeteria), serving area, staff cafeteria	3,000	sq. ft	No	No
Blue with grey flooring with adhesive	5178	None detected	Kitchen floor, center	Kitchen	1,000	sq. ft	No	No
4" black cove base with adhesive	5179	None detected	Serving area, west wall center	Serving area, snack bar, kitchen prep, office 1	350	ln. ft.	No	No
6" black cove base with adhesive	5180	None detected	Student cafeteria, west wall center	Student cafeteria	150	ln. ft.	No	No
Duct sealant	5181	None detected	Kitchen ceiling space, center at HVAC ducting	Kitchen ceiling space HVAC units at seams	10	sq. ft	No	No

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Santa Monica High School- Cafeteria Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Button board (under plaster)	5182	None detected	Kitchen prep room, south wall center	Student cafeteria, serving area, snack bar, storage 2, changing room, restroom, kitchen prep area, office 1, staff cafeteria, custodian closet	6,000 sq. ft	No	No
Window putty	5183	<1% Chrysotile	Exterior student cafeteria, southwest corner	All exterior windows	300 ln. ft.	No	No
Stucco	5184	None detected	Exterior student cafeteria, southwest corner	All exterior walls	4,500 sq. ft	No	No
Freezer insulation	NA	Assumed	Not sampled, material intact	Freezer	200 sq. ft	No	No
Roofing	NA	Assumed	Material not inspected	Roof	N/A	N/A	N/A

Note: Fiberglass insulation observed in ceiling space throughout



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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster walls	H101 through H107	None detected	H101, H125, H100, H103, H106, A, B, C, D, H114, H116	H102, H105, custodian room, H104, H104A, H104B, H109, custodian room, H117A, H117B, H117, H115, H119, H122, H023, H022, H020, H201, H202, H203, H204,225, H206, 207A, H208, H209, H212, H213, H214, H215, H216, H217, H218, H125	39,000 sq. ft.	No	No
Plaster ceilings	H301 through H303	None detected		H117A custodian room, H117B, H117A, H117, H020, H021, H023, H206	1,000 sq. ft.	No	No
12" gray speckled floor tile with residual mastic	H01	None detected	H-200, northwest	H200, H201, H202, H203, H204, H208, H201, H213, H214, H216, H217, H218	13,000 sq. ft.	No	No
12" gray speckled floor tile with residual mastic	H02	None detected	H216, southeast	H200, H201, H202, H203, H204, H208, H201, H213, H214, H216, H217, H218	13,000 sq. ft.	No	No
12" gray speckled floor tile	H03	None detected	H119, south center	H125, H101, H100, H103, H102, H105 custodian room, H104, H106, A, B, C, D, H117B, H119, H122, H125, H127	9,500 sq. ft.	No	No
12" light blue speckled floor tile, 2 layers	H04	None detected	H120, west center	H120, H118, H116, H114	3,200 sq. ft.	No	No
12" peghole ceiling tile and mastic	H201, H202, H203, H05	None detected	First floor hallway east side center	H125, H101, H103, H100, H102, H106, A, B, C, D, H114, H116, H120, H122, H119, H121, H200, H201, H203, H204, H205, H207, H208, H209, H210, H213, H215, H217, H216, H218	23,000 sq. ft.	No	No
Window putty	H06	None detected	H119, southeast	Exterior windows and classroom interior, classroom putty is in the interior	5,500 ln. ft.	No	No
Windowputty	H07	< 1% Chrysotile vs. a. Interior, classroom r	atty is in a s	Exterior windows and classroom interior, classroom putty is in the interior	5,500 ln. ft.	No	No

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Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Window putty	H08	< 1% Chrysotile	South center	Exterior windows and classroom interior, classroom putty is in the interior	5,500 ln. ft.	No	No
Hot brick	H09	None detected	Basement storage room 2, northeast	Basement storage room 2, furnace exhaust	100 sq. ft.	Yes	No
Drywall	H10	None detected	H104, northeast	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H11	None detected	H104, northeast	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H12	None detected	H107, southeast	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H13	None detected	H114, southwest	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H14	None detected	H206, northwest	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Drywall joint compound	H15	None detected	H212, northwest	H104, H104A, H104B, H107 men's restrooms, H114, H116, H206, 203A, H212	3,200 sq. ft.	No	No
Soft rough plaster	H16	3% Chrysotile	H209, southeast	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Soft rough plaster	H17	Not analyzed/positive stop	H213, west center	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H18	Not analyzed/positive stop	Second floor hallway at northeast stairwell	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H19	Not analyzed/positive stop	H102, northwest	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H20	Not analyzed/positive stop	H120, southeast	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No

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Santa Monica High School- History Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Soft rough plaster	H21	Not analyzed/positive stop	First floor hallway atsoutheast stairwell	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
Soft rough plaster	H22	Not analyzed/positive stop	H114, northeast	Rooms, H101, H102, H100, H106, H114, H116, H118, H120, H122, H121, H119, H200, H201, H202, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H216, H217, H218, first and second floor hallways	28,000 sq. ft.	No	No
2'x2' fissured ceiling panel	H23	None detected	H116, center	H118, H116, H114	2,700 sq. ft.	Yes	No
4 inch black cove base and glue	H24	None detected	H103, northwest	H125, H101, H103, H100, H102, H106, A, B, C, D, H114, H116, H120, H122, H119, H121, H200, H201, H203, H204, H205, H207, H208, H209, H210, H213, H214, H215, H212 basement first and second floor hallway	3,900 sq. ft.	No	No
Drywall	H24A	None detected	H127, southeast	H127, H127B	950 sq. ft.	No	No
Drywall joint compound	H25		H127, southeast	H127, H127B	950 sq. ft.	No	No
Drywall joint compound	H26	None detected	H127B, southeast	H127, H127B	950 sq. ft.	No	No
Drywall joint compound	H27	None detected	H127, northwest	H127, H127B	950 sq. ft.	No	No
2'x4' fissured ceiling panel	H28		H127, center	H127, H127B	900 sq. ft.	Yes	No
12" white floor tile	H29	None detected	First floor hallway, southwest	H127B, hallways at first, second and basement floors	1,600 sq. ft.	No	No
Gypsum board	H30	None detected	Basement hallway, center	Basement hallway	750 sq. ft.	No	No
12" random peghole ceiling tile and glue	H31	None detected	Basement hallway, center	Basement hallway	750 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Grey flooring material	H32	None detected	First floor, southeast stairwell bottom step	Stairwells steps	450 sq. ft.	No	No
Stucco	H33	None detected	H127, northeast	Exterior walls	11,000 sq. ft.	No	No
Stucco	H34	None detected	Northwest	Exterior walls	11,000 sq. ft.	No	No
Stucco	H35	None detected	Northeast	Exterior walls	11,000 sq. ft.	No	No
Stucco	H36	None detected	Southeast	Exterior walls	11,000 sq. ft.	No	No
Stucco	H37	None detected	West center	Exterior walls	11,000 sq. ft.	No	No
Stucco	H38	None detected	Southwest	Exterior walls	11,000 sq. ft.	No	No
Stucco	H39	None detected	North center, second floor	Exterior walls	11,000 sq. ft.	No	No
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq. ft.	No	No



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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base and glue	3478	None detected	Room T11, northwest	Room T11, rooms T101-T313, rooms T200-T219, offices and storage rooms (except T105)	3,500 ln. ft.	No	No
Gypsum board wall joint compound	TB02B01- TB02B03	None detected	Previously sampled	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3480	None detected	T100, west center	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3481	None detected	T105, northwest	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3482	None detected	T214A, northeast	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Gypsum board wall joint compound	3483	None detected	T200, southeast	T11, T10 southwest side wall, rooms T101-T113 offices and storage rooms, T200-T219 including offices and storage rooms	29,000 sq. ft.	No	No
Heater unit gasket	3479	None detected	T12, mechanical room, east center	T12, mechanical room	2 each	No	No
2x2 smooth pinhole ceiling panel	3484	None detected	T100, east center	Rooms T100 thru T113, T214 first floor offices and storage rooms	9,500 sq. ft.	Yes	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
2x4 fissured square pattern ceiling panel	3485	None detected	T212, center	Second floor hallway, rooms T-200 thru T219 (except room T214)	85,000 sq. ft.	No	No
Light blue floor sheeting	3486	None detected	T214A, northwest	Second floor hallway and room T214A	2,800 sq. ft.	No	No
12" gray speckled floor tile	3487	None detected	T215, northeast	Rooms T100 thru T113, including offices and storage rooms, rooms T200 thru T219 (except T105)	17,000 sq. ft.	No	No
12" white speckled floor tile	3488	None detected	T214, center	Rooms T100 thru T113 (except room T105), rooms T200 thru T219 handling ~Offices and storage rooms, first and second floors	1,500 sq. ft.	No	No
Fireproofing	3489	None detected	Room T105, northwest	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3490	None detected	Room T105, northeast	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3491	None detected	Room T105, southwest	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3492	None detected	Room T105, southeast	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Fireproofing	3493	None detected	Room T105, center	Support beams, (metal) Room T105, and deck	2,400 sq. ft.	Yes	No
Roof mastic	N/A	Assumed	N/A	Roof penetrations	150 sq. ft.	No	No
Chalk board	N/A	Assumed	N/A	Rooms T100 T113, rooms T200- T219	100 each	No	No
Octagon shape lab counters	3494	None detected	T200, southeast	Room T200	200 sq. ft.	No	No
Rectangular lab counters	3495	None detected	T200, northwest	Room T200, T204	500 sq. ft.	No	No
Rolled on roof core	N/A	Assumed	N/A	Roof	11,000 sq. ft.	No	No
Rough plaster wall interior	TB1701- TB1703	None detected	See TB504-503	First and second floor hallways and second floor staff restrooms	4,900 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Canvas wrap pipe insulation	TB1801- TB1803	None detected	Previously sampled	Domestic water lines, room T 105	60 ln. ft.	No	No
Base cove and mastic	TB2001- TB2003	None detected	Previously sampled	Roof	N/A	N/A	N/A
Roof perimeter base flashing	TB2301- TB2303	5%-10% Chrysotile	Previously sampled	Roof	400 sq. ft.	No	No
Roof penetration base flashing	TB2401- TB2403	None Detected- 3% Chrysotile	Previously sampled	Exterior walls and walkway ceiling	18,000 sq. ft.	No	No
Exterior wall stucco	TB2502- TB2505	2%-3% Chrysotile	Previously sampled	Exterior walls and walkway stairwell ceilings	18,000 sq. ft.	No	No
Gypsum board wall	TB02A01 TB02A02	None detected	Previously sampled	T11, T10, southwest side wall, rooms T101- T113. Rooms T200 thru T219, technology offices and storage room	29,000 sq. ft.	No	No
Parquet mastic	TB2601- TB2603	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Pipe fitting insulation elbows	TB2701- TB2702, TB2901- TB2902	N/A	Previously sampled	Removed/ replaced with fiberglass	N/A	N/A	N/A
Pipe insulation	TB2801- TB2802	N/A	Previously sampled	Removed/ replaced with fiberglass	N/A	N/A	N/A
Pipe insulation	TB3001- TB3002	N/A	Previously sampled	Removed/ replaced with fiberglass	N/A	N/A	N/A
Domestic water insulation	TB0301	N/A	Previously sampled	Not observed during this inspection, mechanical rooms (fiberglass), T105 (new)	N/A	N/A	N/A
Heat water insulation	TB0401	N/A	Previously sampled	Not observed during this inspection, mechanical rooms (fiberglass), T105 (new)	N/A	N/A	N/A
Rough plaster walls and ceiling	TB0501- TB0503	Net NATE	Previously sampled A	Not observed during this inspection	N/A	N/A	N/A
2x44 random groove ceiling panel	# <b>B</b> 0701- TB0703	ReniNAL nations or business of the control of the c	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A

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	SAMPLE	ASBESTOS	SAMPLE	MATERIAL	APPROX.		
MATERIAL	NUMBER	CONTENT	LOCATION	LOCATION	QTY.	FRIABLE	DAMAGE
Duct pipe on HVAC	TB1001-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
system	TB1003			inspection			
12" acoustical wall tile and	TB1101-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
mastic	TB1103,			inspection			
	TB1101A						
12" random peg hole	TB1401-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
ceiling tile	TB1403			inspection			
Mastic associated with 12"	TB11401A-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
random peg hole	TB1403A			inspection			•
9" beige floor tile and	TB1501	N/A	Previously sampled	Removed, not observed during this	N/A	N/A	N/A
mastic				inspection			
Plaster board walls and	TB1601,	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
ceilings	TB1602,			inspection			
	TB1603						
Pipe fitting insulation	TB1901-	N/A	Previously sampled	Removed-not observed during this	N/A	N/A	N/A
elbows	TB1904			inspection			
Built up roof with gravel	TB2201-	N/A	Previously sampled	Removed-not observed during this	N/A	No	No
	TB2203			inspection			
Fume hood lining	TB3101-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
	TB3103			inspection			
Lab top counter	TB3201-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
L	TB3203			inspection			
Lab top counter	TB3301-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
	TB3303			inspection			
Paint coating	TB3401-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
	TB3403,			inspection			
	TB3503						
Duct insulation	TB0101-	N/A	Previously sampled	Not observed during this	N/A	N/A	N/A
	TB0103			inspection			
Roofing materials and	Assumed	Assumed	Material not sample to avoid	Roof	8,000 sq. ft.	No	No
mastics			damage				

Note: Basement floor observed TSI in mechanical room, T10, T11, consist of fiber glass pipe runs and elbow



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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPR QT		FRIABLE	DAMAGE
Plaster	E101 to E107	None detected	Prevoiusly sampled	E217	7, 500	sq. ft.	No	No
Soffit plaster ceiling	E201 to E203	5% Chrysotile	Prevoiusly sampled	E217, E215, E213, E208, E210, second floor corridor, E201, E200, E302, E304, E100, E101, E103, E107, E109A, B, C, D, E113, E117, first floor corridor	14,000		No	No
Plaster ceiling	E401 to E 403	None detected	Prevoiusly sampled	E104A, stairwells (south and north)	1,700	sq. ft.	No	No
Plaster ceiling	E01	None detected	Stairwell, north entrance	E104A, stairwells (south and north)	1,700	sq. ft.	No	No
Plaster ceiling	E02	None detected	E114A center	E104A, stairwells (south and north)	1,700	sq. ft.	No	No
4" black cove base and glue	E03	None detected	E100, southwest	E217, E215, E213, E209, E208- 210, hallways, first and second floors, E201, E200, E100, E101, E103, E107, E113, E115, E117	2,700	ln. ft.	No	No
Plaster wall	E101 to E107	None detected	Prevoiusly sampled	E100, E101, E103, E105, E107, E109A-D, E113, E115, E117, E200, E201, E209, E207, E208, E110, E302, E304, 1st and 2nd floor hallways	24,000	sq. ft.	No	No
Roof core	NA	Assumed	N/A	Roof	6,000	sq. ft.	No	No
Roof mastic	NA	Assumed	N/A	Roof penetration		sq. ft.	No	No
Chalk board	NA	Assumed	N/A	Rooms E100, E101, E103, E107, E113, E115, E117, E200, E201, E213, E215, E217	40		No	No
12" straight peg hole ceiling tile and glue	E04	None detected	E200, center	Rooms 200, E217, E215, E213	2,300	sq. ft.	Yes	No
Brown flooring material	E05	None detected	E217, center	Rooms E217, E215, E213, E200, E201 (under carpet)	4,200	sq. ft.	No	No
Carpet glue	E06	None detected	E215, south center	E217, E215, E213, E201, E200	4,200	sq. ft.	No	No

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Santa Monica High School MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall	E07	None detected	E113, northwest	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall. E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E08	None detected	E113, northwest	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall. E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E09	None detected	E304, southeast	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E10	None detected	E302, east center	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E11	None detected	E210, east center	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall. E113 south wall	7,900 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	E12	None detected	E205, northeast	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall. E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E13	None detected	E106, southwest	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall, E113 south wall	7,900 sq. ft.	No	No
Drywall joint compound	E14	None detected	E110, southeast	E215, north wall, E213 south wall, E210 east wall, E208A restrooms, E205 restrooms, E203 restrooms, E203A, E302, E304, E104, E104B, E106, E106A, E110, E115 north wall. E113 south wall	7,900 sq. ft.	No	No
Fire door material	E15	None detected	E209, north entrance	E209, north and south doors	4 each	No	Yes
12" white floor tile	E16	None detected	First floor hallway, northeast	First and second floor hallways	600 sq. ft.	No	No
12" gray speckled floor tile	E17	None detected	First floor hallway, northeast	First floor and second floor corridors, E104, E203A, E208, E210, E302, E304	4,800 sq. ft.	No	No
12" blue speckled floor tile	E18	None detected	E100, southwest	E100, E101, E103, E107, E109A, B, C, D, E, E113, E115, E117 at entrances, room E200, E201, E213, E217	7,300 sq. ft.	No	No
Red flooring material	E19	None detected	E209, south entrance	E209	2,400 sq. ft.	No	Yes
Brown flooring with barrier paper	E20	None detected	E105 at entrance	E105	225 sq. ft.	No	No
Stucco	E21	None detected	Northeast	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
Stucco es es confidentita est.	E22	None detected and w	Northwest	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Stucco	E23	None detected	Southwest	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
Stucco	E24	None detected	Southeast	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
Stucco	E25	None detected	East, center	Exterior walls and walkway ceilings	5,000 sq. ft.	No	No
12" ceiling tile	E301 to E303	None detected	Prevoiusly sampled	Not observed during this inspection	N/A	N/A	N/A

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	3496	None detected	S107, southwest	S107, prep room, electrical S104C, restrooms, S105, S105A, S104, S102P, S102A, rooms S200, S200P, S202, S204P, S201, restrooms, S201, S023, S205P, S205, S207	19,000 sq. ft.	No	No
Drywall joint compound	3497	None detected	S200, southeast	S107, prep room, electrical S104C, restrooms, S105, S105A, S104, S102P, S102A, rooms S200, S200P, S202, S204P, S2011, restrooms, S201, S023, S205P, S205, S208	19,000 sq. ft.	No	No
2'x2' smooth pinhole ceiling panel	3484	None detected	Same as technology building	Prep room, S107, S105, S105A, S104, S102P, S102A, S102, S100P, first and second floor hallways, S200, S200P, S202, S204P, S204, S201, S201P, S203, S205P, S205, S207	15,000 sq. ft.	No	No
12" gray speckled floor tile	3498	None detected	S107, northwest	Prep room, S107, S105, S105A, S104, S102P, S102A, S102, S100P, S100, S200, S200P S202, S204P, S204 S201, S201P, S203, S205P, S205, S207	13,000 sq. ft.	No	No
12" light gray floor tile	3499	None detected	Hallway, west center	Prep room 5, corridor	600 sq. ft.	No	No
Light blue floor sheeting	3486		Same as technology building	First and second floor hallway	5,200 sq. ft.	No	No
12" white floor tile	3500	None detected	S107, southeast	\$107, \$104, \$102, \$100, \$200, \$202, \$204, \$201, \$203, \$205	1,300 sq. ft.	No	No
HVAC joint compound	3504	None detected	Mechanical room, center	Mechanical between HVAC seams	100 sq. ft.	No	No
Rectangular counters, black	3495	None detected	Same as technology building	Prep room, S107, S104, S102P, S100, S200, S200P, S202, S204, S207	1,800 sq. ft.	No	No
Octagon shaped counters	hub <b>3494</b> 50	None detected	Same as technology building	S205	200 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPRO		EDIABLE	DAMAGE
			the state of the s		QTY		FRIABLE	
4" black cove base and glue		None detected	Same as technology building	Prep room, S107, S105, S105A, S104, S102P, S102A, S100P, S100A, S100, S200, S200P, S202, S204P, S204, S201, S201P, S205P, S205, S207	2,000		No	No
2'x4' fissured ceiling panel	3501	None detected	S101, Center	S103, S101P	2,700	sq. ft.	Yes	No
Blue rectangular counters	3502	None detected	S103, northeast	S103, S101P, S101A, S101	350	sq. ft.	No	No
Carpet glue	3503	None detected	S101A, center	Exterior walls in west side and stairwells	90	sq. ft.	No	No
Stucco	TB2502- TB2505	2%-3% Chrysotile	Previously sampled	Exterior walls in west side and stairwells	1,200	sq. ft.	No	No
Rolled on roof core	NA	Assumed	N/A	Roof	9,500	sq. ft.	No	No
Roof mastic	NA	Assumed	N/A	Roof penetrations		sq. ft.	No	No
Chalk boards	NA	Assumed	N/A	Rooms, S200, S201, S202, S203, S204, S205, S207	24	each	No	No
Window putty	SCI301- SCI303	2%-3% Chrysotile	Previously sampled	Exterior windows	11,000	ln. ft.	No	No
12" blue floor tile and mastic	SCI-4-1 to SCI-4-3	None detected (tile) None Detected trace (mastic)	Previously sampled	S103, S107	1,600	sq. ft.	No	No
12" gray floor tile and mastic	SCI-5-1 to SCI-5-3	None detected (tile) None Detected - Trace (mastic)	Previously sampled	S103, S101C, (restrooms), S101P, S101	2,400	sq. ft.	No	No
Smooth plaster walls and ceilings	SCI-10-1 to SCI-10-10	None detected	Previously sampled	S105, S101C, S101P, S101A, S101B, S103, S101, first floor hallway, store room S205, mechanical room	6,700	sq. ft.	No	No
Black baseboard and mastic	SCI-11-1 to SCI-11-3	None detected	Previously sampled	S103, S101C, S101A, S101P	450	ln. ft.	No	No
New fume hood	SCI-13-1	None detected	Previously sampled	S103, S205	5	each		
12" ceiling tile, straight and mastic	SCI-15-3	None detected	Previously sampled	S101 south wall on soffit		sq. ft.	No	No

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**PROJECT NO:** 107-0008

PROJECT NAME: Santa Monica High School

Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
2'x4' lay in ceiling panel	SCI-27-1 to SCI-27-3	None detected	Previously sampled	All classrooms	9,500 sq. ft.	Yes	No
Pipe insulation on domestic water	SCI-16-1 to SCI-16-3	N/A	Previously sampled	Not observed during this inspectin	N/A	N/A	N/A
Transite fume hood liners	SCI-17-1	N/A	Previously sampled	Removed, not observed during this inspection, new fume hood observed	N/A	N/A	N/A
Pipe fitting insulation on domestic water	SCI-18-1 to SCI-18-3	N/A	Previously sampled	Not observed during this inspectin	N/A	N/A	N/A
Canvas HVAC duct insulation	SCI-20-1 to SCI-20-3	N/A	Previously sampled	Not observed during this inspectin	N/A	N/A	N/A
Laboratory counter top	SCI-21-1 to SCI-21-3	N/A	Previously sampled	Not observed during this inspectin	N/A	N/A	N/A
Flexible HVAC vibration damper	SCI-231	N/A	Previously sampled	Not observed during this inspectin	N/A	N/A	N/A
Tank Insulation	SCI-25-1 to SCI-25-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
HVAC duct joint tape	SCI-29-1 to SCI-29-3	N/A	Previously sampled	Not observed during this inspectin	N/A	N/A	N/A
Tan linoleum	SCI-1-1 to SCI-1-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
12" brown floor tile and mastic	SCI-2-1 to SCI-2-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
9" green floor tile and mastic	SCI-3-1	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
9" red floor tile and mastic	SCI-6-1	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
9" gray floor tile and mastic	SCI-7-1	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
Sink undercoating	SCI-8-1 to SCI-8-3	N/A	Previously sampled	Removed, not observed during this inspection	N/A	N/A	N/A
Cementitious type sink	SCI-9-1	N/A de la	Previously sampled	Not observed, during this inspection	N/A	N/A Silvidia	N/A
Brown baseboard and mastic	SCI-12-1 to SCI-12-3	Rem <b>nya</b> l, net obser Inspection	Previously sampled	Removed, not observed during this inspection	N/A	S(N/A	N/A

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Santa Monica High School Science Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Tan baseboard and mastic	SCI-14-1 to	N/A	Previously sampled	Removed, not observed during this	N/A	N/A	N/A
	SCI-14-3			inspection			

Note: Inspected ceiling spaces, observed fiberglass, duct insulation covered with silver paper. Mechanic observed fiberglass TSI (new).

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CLIENT: Santa Monica Malibu Unified School District

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PROJECT NAME: Santa Monica High School

Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Silver roof material	LL1201- LL1203	None detected	Previously sampled	Roof	1,900 sq. ft.	No	No
Base flashing roof panel	LL1301- LL1303	None Detected- 5% Chrysotile	Previously sampled	Roof	300 sq. ft.	No	No
Exterior stucco wall	LL1401- LL1405	2%-3% Chrysotile	Previously sampled	Exterior walls	6,500 sq. ft.	No	No
Exterior ceiling stucco	LL1501- LL1505	2%-3% Chrysotile	Previously sampled	Overhangs	2,800 sq. ft.	No	No
Ceiling access panels	LL1601	3% Chrysotile	Previously sampled	Room L104 through L116, Room L204 through L210	20 each	No	No
Gypsum ceilings	LL2001- LL2003	None detected	Previously sampled	Corridors no (joint compound)	1,900 sq. ft.	No	No
Rough plaster walls	LL0501- LL0503	None detected	Previously sampled	Transformer on L107C, L109A (mechanical room)	950 sq. ft.	No	No
9" beige/tan floor tile	LL0801- LL0805	3%-20% Chrysotile	Previously sampled	L102C, L108B	750 sq. ft.	No	No
Gypsum board panel walls (no joint compound)	LL1001- LL1003	None detected	Previously sampled	L210D, L210E, L210C, L210F, L108, L106, L113, L115, L116	1,800 sq. ft.	No	No
Carpet glue	L01	None detected	L210 southwest	L210, L210D, L210E, L210F	2,200 sq. ft.	No	No
12" blue speckled floor tile	L02	None detected (tile and yellow mastic) 5% Chrysotile (black mastic)	Southwest L208A	L208, L206, L204, L205, L104, L105, L106, L107, L108, L109, L108A, L114, L115, L116	13,500 sq. ft.	No	No
Drywail	L03	None detected	Restrooms L208B northwest	Restrooms L208B, L206B, L206A, L207A, LS107D, L123A, L107A, room L118, L117, L117B, and L117C	3,500 sq. ft.	No	No
Drywall joint compound	L04	None detected	Restrooms L208B northwest	Restrooms L208B, L206B, L206A, L207A, LS107D, L123A, L107A, room L118, L117, L117B, and L117C	3,500 sq. ft.	No	No
HVAC joint compound	L05	None detected	Second floor corridor center above ceiling	Second floor and ceiling space	50 sq. ft.	No	No

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Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Smooth plaster	LL 0701- LL 0709	None detected	Previously sampled	L210, L208, L208A, L208B, L207B, L206, L204, L207, L108C, L109B, L116, L115	26,000 sq. ft.	No	No
12" random peg hole ceiling tile and glue	LL 0901- LL 1003	None detected	Previously sampled	L210, L208 corridors, L206, L207, L104, L105, L106, L107, L108, L108A, L109, L114, L115, L116, L118	19,500 sq. ft.	No	No
12" white floor tile	L06	None detected (tile) 4% Chrysotile (mastic)	Second northeast corridor west center	Second floor corridor, first floor corridor	400 sq. ft.	No	No
12" dark gray speckled floor tile	L07	None detected (tile) 4% Chrysotile (mastic)	Second northeast corridor west center	Second floor corridor, first floor corridor	1,500 sq. ft.	No	No
12" fissured ceiling tile	L08	None detected	First floor corridor southeast	Second floor corridor, first floor corridor	1,750 sq. ft.	No	No
12" fissured ceiling tile and glue	NA	Assum <b>e</b> d	N/A	Second floor corridor, first floor corridor	1,750 sq. ft.	No	No
4" black cove base and glue	L09	None detected	L114 northeast	L210, L208, L206, L204, L205, L104, L105, L106, L107, L108, L109, L114, L108A, corridors, L115, L116, L117, L118	3,200 ln. ft.	No	No
4" tan cove base and mastic	L10	None detected	L108B southwest	L108B, L210C	120 ln. ft.	No	No
White flooring material	L11	None detected	Stairwell 1 southeast	Stairwell 1 (south)	40 sq. ft.	No	No
4" Light green cove base	L12	None detected	Stairwell 1 southeast	Stairwell 1 (south)	70 ln. ft.	No	No
Chalkboards	N/A	Assumed	N/A	Rooms L104, L105, L106, L107, L108, L109, L110, L111, L112, L113, L114, L115, L116, L117, L118	60 each	No	No
Rolled on roof core	N/A	Assumed	N/A	Roof	16,000 sq. ft.	No	No
Roof mastic	N/A	Assumed	N/A	Roof penetration	200 sq. ft.	No	No
Drywall joint compound	L13	None detected	L118 northeast	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No

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Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	L14	None detected	L117 southeast	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No
Drywall joint compound	L15	None detected	L206B northwest	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No
Drywall joint compound	L16	None detected	L123A northwest	Restrooms L208B, L206B, L206A, L207A, L207D, L123A, L107A, L118, L117, L117C, L117B	3,500 sq. ft.	No	No

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Santa Monica High School Language/Library Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL	APPROX.	EDYADY S	DAMAGE
12" light gray floor tile (2	L17	None detected (tile and	L117 northeast	L117, L118	QTY. 1,700 sq. ft.	No	DAMAGE No
layers)		yellow mastic) 4% Chrysotile (black mastic)					
Tape on HVAC duct	LL0601- LL0603	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Smooth plaster walls and ceilings	LL0701- LL0709	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Vinyl stair tread	LL1101	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Mastic on chilled water lines	LL1701	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Rough plaster ceilings	LL1901- LL1904	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe fittings insulation on hot water	LL0401- LL0403	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe insulation on chilled water lines	LL0101- LL0103	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe insulation on chilled water lines	LL0201- LL0203	N/A	Previously sampled	Not observed during this inspection	N/A	No	No
Pipe fittings insulation on hot water	LL0301- LL0303	N/A	Previously sampled	Not observed during this inspection, fiberglass (new)	N/A	No	No

#### Notes:

Inspected crawl space through vents along side perimeter foundation, observed loose clean soil. No TSI observed.

Inspected several ceiling space areas, classrooms and corridors, observed fiberglass insulation over HVAC ducts. No TSI observed.

Mechanical and electrical rooms, observed fiberglass and TSI.

Rooms L100 through L103 and L200 through L203 are new additions

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Santa Monica High School

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Santa Monica High School- Driver Training Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Ceiling plaster	DT0101- DT0103	None Detected	Previously sampled	Custodian room and storage room	700 sq. ft.	No	No
Wall plaster	DT0201- DT0203	None Detected	Previously sampled	Custodian room and storage room	300 sq. ft.	No	No
Exterior stucco	DT0201- DT0203	None Detected- 2% Chrysotile	Previously sampled	Exterior wall and soffits	400 sq. ft.	No	No
Roofing composite	DT0301- DT0303	None Detected	Previously sampled	Roof (including electrical room)	950 sq. ft.	No	No
Roof flashing	DT0501- DT0503	None Detected	Previously sampled	Roof	60 sq. ft.	No	No
Gypsum board	Assumed	Assumed	Not sample to avoid damage to wall plaster wall	Custodian room and storage room, behind plaster walls and ceiling	1,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall	NPS01	None detected	Northwest N612, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200,N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS02	None detected		N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200,N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	NPS03	None detected	First floor N106 southwest, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200,N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS04	None detected	N200 northeast, north building	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	NPS05	None detected	Pool building P111, southeast	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200, N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS06	None detected	SG16A, northeast	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200,N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Drywall joint compound	NPS07	None detected	SG100, west center	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200,N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No
Drywall joint compound	NPS08	None detected	South gymnasium, boys lockers, southeast	N612, basement office, storage, N112, N108, N106, N102, N104, N110A, N100B, N101, N121, N120, N125, N127, N126, N128, N105, N103, N129, N131, N109, N113, N111, N162, N160, N201, N200,N200A, N200, N201A, N201, P110, P111, P112, P113, S616A, S616, basement corridors, SGB16B, SG14, SG15, SG11, SG10, SG100, South gymnasium, corridors first and second floors, SG102, SG102A	24,000 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
4" black cove base and glue	NPS09	None detected	First floor N100, southeast	Basement office, basement storage, N100, N113, N140, north gymnasium, northeast and northwest stairwell, SG16A, SG16, south east corridors (basement), SGB16B, SG14, SG15, SG10, SG11, SG13, SG120A, SG102, SG102A, SG206, SG205A	21,100 sq. ft.	No	No
2'x4' fissured ceiling panel	NPS10	None detected	Basement office, center	Basement office, north gymnasium, west and south corridors, SG14, SG15, south gymnasium basement corridors SG102	3,600 sq. ft.	No	No
Plaster	NPS11	<1% Chrysotile	Basement northwest, stairwell northeast	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	NPS12	None detected	First floor northwest stairwell, southwest	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No
Plaster	NPS13	None detected	First floor north gymnasium, basketball court northeast	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	NPS14	None detected	SG11 south center	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No
Plaster	NPS14A	None detected	South gymnasium, southwest stairwell west center	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Plaster	NPS15	None detected	South gymnasium, southeast stairwell west center	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No
Plaster	NPS15A	None detected	SG205 southeast	Basement level northwest stairwell, N112, N115, first floor northwest stairwell, N110, N100, N123, N140, N162, N160, N150, basketball court, N135, NG220, N206, N210, N211, N212, north gymnasium, east, Mechanical room ticket booths, SG11, SG10, SG13, south gymnasium southeast, southwest stairwells, SG205 dance studio, SG206 second floor, southeast and southwest halls, SG205A, SG200, SG201, SG200A, SG200, SG203	31,500 sq. ft.	No	No

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MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
6" black cove base and glue	NPS16	None detected	First floor, northwest stairwell, southwest	First floor northwest stairwell, N108, N104, N102, N101, N121, N123, N120, N125, N122, N126, N128, N105, N103, N129, N131, N111, NG220, N200A, N201A, P111, P112, SG103, SG113, office, boys locker rooms	3,700 sq. ft.	No	No
12" random peg hole and mastic	NPS17	None detected	North gymnasium, basketball court, south center	North gymnasium, basketball court, south gymnasium basketball court, south gymnasium, southwest stairwell, SG205 (nailed on basketball courts) north and south gymnasium buildings	14,000 sq. ft.	No	No
Drywall	NPS18	None detected	North gymnasium, basketball court, south center	North gymnasium south and north side seating areas	4,000 sq. ft.	No	No
12" gray speckled floor tile	NPS19	None detected	Northeast stairwell north gymnasium, first floor	Northeast northwest stairwells, second floor, north gymnasium, N200A, N201A, SG16A, SG15, SG11, first floor, south gymnasium, corridors, second floor southeast and southwest halls, SG205, SG200, SG200A, SG201	2,900 sq. ft.	No	No
9" light brown floor tile	NPS20	6% Chrysotile (tile) 3% Chrysotile (mastic)	North gymnasium N206, northeast	North gymnasium, N206, north gymnasium, second floor, east corridor, N210	600 sq. ft.	No	No
6" brown cove base and glue	NPS21	None detected	North gymnasium N206, northeast	North gymnasium, N206, east corridor, N210	140 sq. ft.	No	No
Brown floor sheeting	NPS22	None detected	North gymnasium N207, southeast	North gymnasium, N207	200 sq. ft.	No	No

Santa Monica Malibu Unified School District

PROJECT NO:

107-0008

PROJECT NAME:

Santa Monica High School

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" fissured ceiling tile and glue	NPS23	None detected	South gymnasium, SG206, south center	Northeast stairwell north gymnasium, south gymnasium southeast stairwell, SG206	2,200 sq. ft.	No	No
2'x4' smooth ceiling panel	NPS24	None detected	Pool south center	Pool area, south side	1,500 sq. ft.	Yes	No
12" yellow floor tile	NPS25	None detected	SG14 west center	SG14, basement corridor	1,750 sq. ft.	No	No
12" white floor tile	NPS26	None detected	SG14 west center	SG14, basement hallways	600 sq. ft.	No	No
12" light blue speckled floor tile	NPS27	None detected	South gymnasium southeast basement hallway, northwest	Basement hallways, SG102	1,400 sq. ft.	No	No
Stucco	NPS28	None detected	Northeast south gymnasium at elevator shaft	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS29	None detected	Southeast north gymnasium	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS30	None detected	North gymnasium, east center	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS31	None detected	North gymnasium, northeast	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No

Santa Monica Malibu Unified School District

PROJECT NO:

107-0008

**PROJECT NAME:** 

Santa Monica High School

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Stucco	NPS32	None detected	North gymnasium, northwest	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS33	None detected	North gymnasium, garage area northwest	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco	NPS34	None detected	South gymnasium northeast	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No
Stucco barrier paper	NPS35	None detected	North gymnasium east center	North center gymnasium exterior walls, garage area exterior walls South gymnasium, elevator shaft and northwest side to pool building exterior walls	17,000 sq. ft.	No	No



Santa Monica Malibu Unified School District

PROJECT NO:

107-0008

PROJECT NAME:

Santa Monica High School

Santa Monica High School- Pool Building

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
12" ceiling tile	P0101-P0103	None detected	Previously sampled	Not observed, 12" ceiling tile in pool building	N/A	N/A	N/A
Gypsum board and joint compound	P201-P203	None detected	Previously sampled	Observed new drywall (same as north and south gymnasium)	N/A	N/A	N/A
Fire door insulation	P301-P303	N/A	Previously sampled	Not observed during this inspection	N/A	N/A	N/A
Plaster walls	P401-P403	None detected	Previously sampled	Not observed- All walls within this building are brick and concrete, perimeter and drywall dividing walls	N/A	N/A	N/A
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq. ft.	No	No

**PROJECT NO:** 107-0008

PROJECT NAME: Santa Monica High School

Santa Monica High School- Barnum Hall

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX. QTY.	FRIABLE	DAMAGE
Fireproofing	5275	None detected	Storage room 1-ceiling center	Columns and beams in first floor room1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5276	None detected	Storage room 1-northwest corner	Columns and beams in first floor room1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5277	None detected	Storage room1-south wall center	Columns and beams in first floor room1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5278	None detected	Storage'room 2-northwest corner	Columns and beams in first floor room1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Fireproofing	5279	None detected	Storage room 2-southwest corner	Columns and beams in first floor room1, storage 1 and 2, elevator lobby	4,500 sq. ft.	Yes	No
Joint compound	5280	None detected	Office 1- east wall center	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Joint compound	5281	None detected	Storage 3-Southwest corner	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Joint compound	5282	None detected	Room 19-northwest corner	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Drywall	5283	None detected	Office 1-east wall center	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
Composite drywall with joint compound	5284	None detected	Office 1-east wall center	Ceiling in room first floor: 19, 20, and walls in storage room 3, office 1, 2	950 sq. ft.	No	No
12"x12" orange floor tile with adhesive	5285	None detected	Office 1-south entrance	Basement room 10, 11, 14, 15, 4, hallway 1 and 2, first floor rooms: elevator lobby, room 1, walkway 1 and 2, office 1 and 2	6,000 sq. ft.	No	No

**CLIENT:** 

Santa Monica Malibu Unified School District

PROJECT NO:

107-0008

**PROJECT NAME:** 

Santa Monica High School

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#### Santa Monica High School-Speech Building

Note: This building was not located during this inspection

Santa Monica Malibu Unified School District

PROJECT NO:

107-0008

PROJECT NAME:

Santa Monica High School

Santa Monica High School- Barnum Hall

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX	OTY.	FRIABLE	DAMAGE
Green carpet glue	5286	None detected	First floor hall-by office 1	First floor hall, mezzanine level lobby, balcony	9,000		No	No
4" green cove base with adhesive	5287	None detected	Walkway 1-south center	Basement room 10, 11, 14, 15, 4, hallway 1 and 2, first floor elevator lobby, storage room 1 and 2, walkway 1 and 2, office 1 and 2, mezzanine lobby, balcony		ln. ft.	No	No
12"x12" fissured ceiling tile	5288	None detected	Basement hallway 2-southwest corner	Basement hallway 2, first floor elevator lobby	500	sq. ft.	Yes	No
Duct sealant	5289	None detected	Mezzanine level- crawlspace under balcony center	Mezzanine level- crawlspace under balcony on HVAC ducting	20	sq. ft.	No	No
Stucco	5290	None detected	Exterior lobby west center	Exterior walls	10,000	sa ft	No	No
Smooth plaster	5291	None detected	Mezzanine level 1 men's restroom northwest corner	First floor walkway 1 and 2, hall, men's and women's restroom, lobby, mezzanine level men's and women's restroom, closet 1 and 2, balcony	4,800	sq. ft.	No	No
Ceiling tile and mastic	N/A	Assumed	Not sampled material intact	Basement hallway 2, first floor elevator lobby	500	sq. ft.	No	No
Gray multicolored carpet and glue	N/A	Assumed	New material	Basement room 19 and 20	300	sq. ft.	No	No
6" black cove base with adhesive	N/A	Assumed	New material	Basement room 19 and 20	150	ln. ft.	No	No
Smooth plaster wall	SM0101- SM0104	None detected		First floor walkway 1 and 2, hall, men's and women's restroom, lobby, mezzanine level men's and women's restroom, closet 1 and 2, balcony	4,800	sq. ft.	No	No

Santa Monica Malibu Unified School District

PROJECT NO:

107-0008

PROJECT NAME:

Santa Monica High School

Santa Monica High School-Barnum Hall

MATERIAL	SAMPLE NUMBER	ASBESTOS CONTENT	SAMPLE LOCATION	MATERIAL LOCATION	APPROX QTY.		FRIABLE	DAMAGE
Rough plaster wall and ceiling	SM0201- SM0207	None detected	Previously sampled	Basement electrical room 2, room 10, 11, 14, 15, 4, hallway 1 and 2, girls restroom, boys restroom, first floor, elevator lobby, storage 2, room 1, storage 4, lobby, janitors closet, hall, office 1, 2, mezzanine lobby, balcony	20,000 sq	. ft.	No	No
Electrical wire insulation	SM0301- SM0304	60% Chrysotile	Previously sampled	On stage and portable lights	10 ln	ft.	No	No
Light fixture gaskets	SM0401- SM0403	60% Chrysotile	Previously sampled	Attic space above hall	10 ln	ft.	No	No
Plaster beam covering	SM0501- SM0503	None detected	Previously sampled	Balcony level	300 sq	. ft.	No	No
Silver roof material	SM0701- SM0703	None detected	Previously sampled	Material not inspected roof	N/A		N/A	N/A
Exterior stucco	SM1001- SM1003	None detected	Previously sampled	Exterior walls	10,000 sq	. ft.	No	No
Window putty	SM1101- SM1103	None detected- 3% Chrysotile	Previously sampled	Exterior windows	200 ln	ft.	No	No
Domestic hot water pipe insulation	SM1201	N/A	Previously sampled	Not observed during this inspection	N/A sq	ft.	No	No
Duct tape on HVAC unit	SM0601- SM0603	N/A	Previously sampled	Not observed during this inspection	N/A		N/A	N/A
Roofing materials and mastics	Assumed	Assumed	Material not sample to avoid damage	Roof	8,000 sq	ft.	No	No
Mural fire curtain	Assumed	Assumed	N/A	Stage	1,500 sq	ft.	Yes	No



# APPENDIX B LABORATORY ANALYSIS REPORT



#### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 8, 2008

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

RE: CTL Environmental Services Job Number 908021149 P.O. #107-0008 107-0008; S.M. High Art Bldg.

#### Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5249, 5250, 5251, 5252, 5253, 5254, 5255, 5256, 5257, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5271, 5272, 5273, 5274

The 26 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

Mary S. David

Client Services Manager



#### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

#### **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: C. Ruvalcaba

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

Date Received

02/06/08

AmeriSci Job #

908021149

Date Examined 02/07/08

P.O. #

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RE: 107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbesto		
5249 <b>Location</b> : Sand	908021149-01 Plaster				
Analyst Description: Light Grey, F Asbestos Types: Other Material: Non-fibrous		lk Material			
5250	908021149-02	No	NAD		
<b>Location</b> : Sand	Plaster		(by CVES) by Olga K. Katsuk on 02/08/08		
Analyst Description: Light Grey, F Asbestos Types: Other Material: Non-fibrous	7	lk Material			
5251 <b>Location</b> : Sand		No	NAD (by CVES) by Olga K. Katsuk on 02/08/08		
Analyst Description: Light Grey, F Asbestos Types: Other Material: Non-fibrous	940	lk Material			
5252	908021149-04	No	NAD		
Location: Sand	Plaster		(by CVES) by Olga K. Katsuk on 02/08/08		
Analyst Description: Light Grey, H Asbestos Types: Other Material: Non-fibrous		lk Material	011 021 001 00		
	908021149-05	No	NAD		
5253 Location: Sand	Plaster		(by CVES) by Olga K. Katsuk on 02/08/08		

Client Name: CTL Environmental Services

#### **PLM Bulk Asbestos Report**

107-0008; S.M. High Art Bldg.

Client No. / HO	SA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5254	Location: Sand Plast	908021149-06 er	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos T		eneous, Non-Fibrous, Bul	k Material	
5255	Location: Sand Plaste		No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos T		eneous, Non-Fibrous, Bul	k Material	
5256	Location: Jt. Comp.	908021149-08	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos T		us, Non-Fibrous, Bulk Ma	terial	
5257	Location: Jt. Comp.	908021149-09	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos T	_	us, Non-Fibrous, Bulk Ma	terial	G. 623 33/63
5258	Location: Jt. Comp.	908021149-10	No	NAD (by CVES) by Olga K. Katsuk
Asbestos T		us, Non-Fibrous, Bulk Ma	terial	on 02/08/08
5259	Location: Jt. Comp.	908021149-11	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos T	_	us, Non-Fibrous, Bulk Ma	terial	011 02/00/00

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M. High Art Bldg.

Client No.	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
5260	Location: Jt. Comp		No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbes	escription: White, Homoger tos Types: r Material: Non-fibrous 100		iteriai	
5261	Location: Drywall	908021149-13	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbes	escription: White/Brown, He tos Types: r Material: Cellulose 15 %,		Material	
5262	Location: Composit	908021149-14 te Drywall W/Comp.	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbes	escription: White, Homogen tos Types: r Material: Non-fibrous 100		terial	
5263	Location: 12" X 12"	908021149-15L1 Random Pinhole Ceiling Til	<b>No</b> e W/Glue	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbest	escription: White, Heteroger tos Types: r Material: Cellulose 90 %,		ure	011 02100700
5263	Location: 12" X 12"	908021149-15L2 Random Pinhole Ceiling Til	<b>No</b> e W/Glue	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbest	escription: Brown, Homoger tos Types: r Material: Non-fibrous 100			011 02/00/00
5264	Location: 2' X 4' Fis	908021149-16 sured Ceiling Panels	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst De	escription: White, Heteroger	neous, Fibrous, Bulk Materia	I	

AmeriSci Job #: 908021149

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M. High Art Bldg.

Client No	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5265	Location: 12" )	908021149-17L1 (12" B. Floor Tile W/Adhesive	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: Dark Blue, F stos Types: ler Material: Non-fibrous	lomogeneous, Non-Fibrous, Floorii 100 %	ng	
5265	Location: 12")	908021149-17L2 (12" B. Floor Tile W/Adhesive	No	NAD ¹ (by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: Cream, Honstos Types: er Material: Non-fibrous	nogeneous, Non-Fibrous, Mastic		
5266	Location: 4" Bl	908021149-18L1 ack Covebase W/Adhesive	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: Black, Homo stos Types: er Material: Non-fibrous	geneous, Non-Fibrous, Basecove		
5266	Location: 4" Bl	908021149-18L2 ack Covebase W/Adhesive	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: Off-White, H stos Types: er Material: Non-fibrous	omogeneous, Non-Fibrous, Glue		311 02/30/00
5267	<b>Location</b> : Butto	908021149-19 on Board	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: White/Brown stos Types: er Material: Cellulose 50	, Heterogeneous, Fibrous, Bulk Ma %, Non-fibrous 50 %	aterial	011 021 00 j
5268	<b>Location</b> : Vibra	908021149-20 tion Reducer	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
•	Description: Black/White stos Types:	Heterogeneous, Fibrous, Bulk Ma	terial	5.1 52/55/65

, AmeriSci Job #: 908021149

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M. High Art Bldg.

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5269 Location: Du		No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Beige, He Asbestos Types: Other Material: Cellulose	terogeneous, Fibrous, Bulk Materia 95 %, Non-fibrous 5 %	al	
5270 Location: F.	908021149-22 T.S.I	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos Types:	terogeneous, Fibrous, Bulk Materia ass 80 %, Non-fibrous 20 %	al .	
5271 Location: 4"	908021149-23 Diameter Pipe T.S.I	Yes	20 % (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: White, He Asbestos Types: Chrysotile Other Material: Cellulose			
5272 Location: 4"	908021149-24 Diameter Pipe Elbow <b>T</b> .S.I	Yes	5 % (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos Types: Chrysotile	erogeneous, Fibrous, Bulk Materia 5.0 % 20 %, Fibrous glass 15 %, Non-fib		011 02/06/06
5273 Location: Stu	908021149-25 cco	No	NAD (by CVES) by Olga K. Katsuk
Analyst Description: White/Gre Asbestos Types: Other Material: Non-fibrou	y, Homogeneous, Non-Fibrous, Bu	lk Material	on 02/08/08
5274 Location: Wi	908021149-26 ndow Putty	Yes	Trace (<1 %) (by CVES) by Olga K. Katsuk on 02/08/08
Analyst Description: Grey, Hete Asbestos Types: Chrysotile Other Material: Non-fibrou		ious, Bulk Material	011 02/00/00

AmeriSci Job #: 908021149

Client Name: CTL Environmental Services

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### **PLM Bulk Asbestos Report**

107-0008; S.M. High Art Bldg.

### Reporting Notes:

(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).
(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible)  Analyzed By: Olga K. Katsuk; Date Analyzed: 2/7/2008;
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed: NA/PS
= not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40
CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB
materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in
New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be
reproduced exceptin full with the approval of the laboratory. This PI M report relates ONLY to the items tested
reproduced exceptin full with the approval of the laboratory. This PLM report relates ONLY to the items tested.  Reviewed By: 2 7 0 2



### Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #:

Boston

Los Angeles

New York

Richmond

### 908021149

### AMERISCI LOS ANGELES

Page __

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24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

COMPANY:	Т	ADDRESS:	19 4 N		100	V CONTRACTOR		P.O.#:	45
PROJECT IN	FORMATION	ANALYSIS			NAROUN				FILTER
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107-0008		ASBESTOS PCM AIR						25 mm	- 55
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### Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #: 908021149

### AMERISCI LOS ANGELES 24416 S Main St. Suite 308

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

COMPANY:		ADDRESS:						P.O.#:	
CTL								3214	(-
PROJECT IN	EOPMATION	ANALYSIS TYPE		Tur	NAROUN	D TIME		AIR	FILTER
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PROJECT NO.: 107-0008
PROJECT NAME: Santo Marza Hogh - And Bldg

Technician: f. fusu land.

Date: 1/06

Page: 1 of 3

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We're merging with

A Coffey International Emitted company

8000-20 SMM450 CLIENT:
PROJECT NO::
PROJECT NAME:

Martza

To A

Technician: 6 hours cub.

Date: 2/68
Page: 2 of 3

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environments coffey We're merging with

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A Coffey International Limited company

# FIELD BULK SAMPLE LIST

PROJECT NAME: Scuts Marze Hish SMMUCD

Technician: F. Punlus Date: 1 / 68 Page: 3 of 3

SAMMES CLIENT:
PROJECT NO.:

8000-201

815 Hes. 2 PROJECT NAME: Sate House High

Technician: F. Lucales 6-

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### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 7, 2008

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

RE: CTL Environmental Services Job Number 908021145 P.O. #32145 107-0008; S.M High Admin Bldg.

### Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5187, 5188, 5189, 5190, 5191, 5192, 5193, 5197, 5198, 5199, 5200, 5201, 5202, 5203, 5204, 5205, 5206, 5207, 5208, 5209, 5210, 5211, 5212, 5213, 5214, 5215, 5216, 5217, 5218, 5219, 5220, 5221, 5222, 5223, 5224, 5225, 5226, 5227

The 38 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely

Marv S. Ďavid

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

### **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: C. Ruvalcaba 24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

Date Received

02/06/08

AmeriSci Job #

908021145

Date Examined 02/07/08

P.O. # 32145

**Page** 1 of 10

RE: 107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5187 <b>Location</b> : Sand P		No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Beige, Heterog Asbestos Types: Other Material: Non-fibrous 10		ntitious, Plaster	
5188 <b>Location</b> : Sand P		No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Beige, Heterog Asbestos Types: Other Material: Non-fibrous 10		ntitious, Plaster	
Location: Sand P  Analyst Description: Off-White / Bei		<b>No</b> ous, Cementitious, Plaster	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbestos Types: Other Material: Non-fibrous 10			
5190 Location: Sand P	908021145-04 laster	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Off-White / Bei Asbestos Types: Other Material: Non-fibrous 10		ous, Cementitious, Plaster	• · · · · · · · · · · · · · · · · · · ·
5191 <b>Location</b> : Sand P	908021145-05 laster	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Beige, Heterog Asbestos Types: Other Material: Non-fibrous 10		ntitious, Plaster	

AmeriSci Job #: 908021145

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5192 Location	908021145-06 on: Sand Plaster	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Bei Asbestos Types: Other Material: Nor	ge, Heterogeneous, Non-Fibrous, Ceme n-fibrous 100 %	ntitious, Plaster	
	908021145-07 on: Sand Plaster	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Bei Asbestos Types: Other Material: Nor	ge, Heterogeneous, Non-Fibrous, Cemer n-fibrous 100 %	ntitious, Plaster	
5197 Locatio	908021145-08 on: Jt. Comp.	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Wh Asbestos Types: Other Material: Nor	ite, Heterogeneous, Non-Fibrous, Joint C n-fibrous 100 %	Compound	
5198 Location	908021145-09 on: Jt. Comp.	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Wh Asbestos Types: Other Material: Nor	ite, Heterogeneous, Non-Fibrous, Joint C n-fibrous 100 %	Compound	
5199 Location	908021145-10 on: Jt. Comp.	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Wh Asbestos Types: Other Material: Nor	ite, Heterogeneous, Non-Fibrous, Joint C n-fibrous 100 %	Compound	On OE101700
5200 Locatio	908021145-11 on: Jt. Comp.	Yes	3 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Wh Asbestos Types: Chr Other Material: Nor		Compound	

Page 3 of 10

AmeriSci Job #: 908021145

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5201 Locat	908021145-12 ion: Drywall	No	NAD (by CVES) by Arturo A. Aldana
Asbestos Types:	hite/Brown, Heterogeneous, Fibrous, Drywellulose 8 %, Non-fibrous 92 %	all	on 02/07/08
	908021145-13 ion: Drywall	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbestos Types:	hite/Brown, Heterogeneous, Fibrous, Drywellulose 27 %, Fibrous glass Trace, Non-fi		
5203 Locat	908021145-14 ion: Drywall	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbestos Types:	nite/Brown, Heterogeneous, Fibrous, Dryw Illulose 14 %, Fibrous glass Trace, Non-fi		
5204 Locat	908021145-15 ion: Composite - Drywall W/Jt. Comp.	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbestos Types:	nite/Brown, Heterogeneous, Fibrous, Dryw Ilulose 4 %, Fibrous glass Trace, Non-fib		
5205 Locat	908021145-16 on: Composite - Drywall W/Jt. Comp.	No	NAD (by CVES) by Arturo A. Aldana
Asbestos Types:	nite/Brown, Heterogeneous, Fibrous, Dryw	,	on 02/07/08
	908021145-17 on: 2'X4' Fissured Ceiling Panel	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Be Asbestos Types: Other Material: Ce	ige, Heterogeneous, Fibrous, Ceiling Tile		

Page 4 of 10

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. /	HGA Lab	No.	Asbestos Present	Total % Asbestos
5207	9080217 Location: 12" X 12" Fissured Ceil	145-18L1 ling Tile W/Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	scription: Off-White / Grey, Heterogeneous Types: Material: Cellulose 8 %, Fibrous glass 3			
 5207		 145-18L2	No	NAD
3207	Location: 12" X 12" Fissured Ceil		NO	(by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	s <b>cription:</b> Beige, Homogeneous, Non-Fib os <b>Types:</b> <b>Material:</b> Non-fibrous 100 %	rous, Glue		
5208	908021	145-19L1	No	NAD
	Location: 12" X 12" Random Pinh	iole Cieling Tile W/	Glue	(by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Brown/White, Heterogeneous, os Types: Material: Cellulose 55 %, Non-fibrous 4		le	
5208	908021	145-19L2	No	NAD
	Location: 12" X 12" Random Pinh	iole Cieling Tile W/	Glue	(by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Dark Brown, Homogeneous, Nos Types: Material: Non-fibrous 100 %	on-Fibrous, Mastic		
5209		145-20L1	No	NAD
3209	Location: 12" X 12" White Floor T		NO	(by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Off-White, Homogeneous, Non es Types: Material: Non-fibrous 100 %	-Fibrous, Floor Tile		
5209	9080211	145-20L2	No	NAD
	Location: 12" X 12" White Floor T	ile W/Adhesive		(by CVES) by Arturo A. Aldana on 02/07/08
	cription: Yellow, Heterogeneous, Non-F	ibrous Adhesive		

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
5210		908021145-21L1 12" Lt. Blue Floor Tile W/Adhesi		NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	scription: Light Blue, Ho os Types: Material: Non-fibrous 1	omogeneous, Non-Fibrous, Floo 00 %	r Tile	
5210		908021145-21L2 12" Lt. Blue Floor Tile W/Adhes		NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	scription: Yellow, Heter os Types: Material: Non-fibrous 1	ogeneous, Non-Fibrous, Adhesi 00 %	ve	
5211	Location: 12" X	908021145-22L1 12" Ocean Blue Floor Tile W/Ad	<b>No</b> Thesive	NAD (by CVES)
				by Arturo A. Aldana on 02/07/08
Asbesto	scription: Blue, Homoge os Types: Material: Non-fibrous 1	eneous, Non-Fibrous, Floor Tile		by Arturo A. Aldana
Asbesto Other	os Types: Material: Non-fibrous 1	eneous, Non-Fibrous, Floor Tile	No	NAD (by CVES) by Arturo A. Aldana
Asbesto Other 5211 Analyst Des Asbesto	os Types: Material: Non-fibrous 1  Location: 12" X	eneous, Non-Fibrous, Floor Tile  00 %  908021145-22L2  12" Ocean Blue Floor Tile W/Ad  ogeneous, Non-Fibrous, Adhesi	<b>No</b> Ihesive	by Arturo A. Aldana on 02/07/08 NAD (by CVES)
Asbesto Other 5211 Analyst Des Asbesto Other	Location: 12" X scription: Yellow, Heteros Types: Material: Non-fibrous 1	eneous, Non-Fibrous, Floor Tile  00 %  908021145-22L2  12" Ocean Blue Floor Tile W/Ad  ogeneous, Non-Fibrous, Adhesi	<b>No</b> Ihesive	NAD (by CVES) by Arturo A. Aldana
Asbesto Other  5211  Analyst Des Asbesto Other  5212  Analyst Des Asbesto	Location: 12" X scription: Yellow, Heteros Types: Material: Non-fibrous 1  Location: 12" X	eneous, Non-Fibrous, Floor Tile  908021145-22L2  12" Ocean Blue Floor Tile W/Ad  ogeneous, Non-Fibrous, Adhesi  908021145-23  12" Blue Floor Tile W/Mastic  eneous, Non-Fibrous, Floor Tile	<b>No</b> Ihesive ve	NAD (by CVES) by Arturo A. Aldana on 02/07/08  NAD (by CVES) by Arturo A. Aldana on 02/07/08  NAD (by CVES) by Arturo A. Aldana

AmeriSci Job #: 908021145

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5213	Location: 9" X 9	908021145-24L1 " Brown Floor Tile W/Mastic U	<b>No</b> nder Carpets	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbest	scription: Off-White, Hoos Types: Material: Non-fibrous 1	omogeneous, Non-Fibrous, Flo	or Tile	GH 02/01/00
5213		908021145-24L2 " Brown Floor Tile W/Mastic U		3 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbest	scription: Yellow/Black, os Types: Chrysotile 3. Material: Non-fibrous 9		Mastics	
5214	Location: 9" X 9	908021145-25L1  Brown Floor Tile W/Mastic	Yes	4 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbest	scription: Brown, Homo os Types: Chrysotile 4. Material: Non-fibrous 9		Γile	
5214	Location: 9" X 9	908021145-25L2 " Brown Floor Tile W/Mastic	Yes	4 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbeste	scription: Black, Hetero os Types: Chrysotile 4. Material: Non-fibrous 9			
5215	Location: Tan F	908021145-26L1 loor Tile W/Mastic Under Carp	<b>Yes</b> ets	4 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	scription: Beige, Homogos Types: Chrysotile 4.0 Material: Non-fibrous 9		ile	511 0E101/100
5215	Location: Tan F	908021145-26L2 oor Tile W/Mastic Under Carp	<b>Yes</b> ets	2 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	scription: Black, Hetero os Types: Chrysotile 2.0 Material: Non-fibrous 9			

AmeriSci Job #: 908021145

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5215	Location: Tan	908021145-26L3 Floor Tile W/Mastic Under Carpets	<b>No</b>	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	•	rogeneous, Non-Fibrous, Mastic		
5216	<b>Location:</b> Whit	908021145-27L1 e Floor Tile W/Mastic Under Floor	<b>No</b> Tile	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto		Heterogeneous, Non-Fibrous, Levo	eling Compound	
5216	Location: White	908021145-27L2 e Floor Tile W/Mastic Under Floor	<b>Yes</b> Tile	2 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Black, Heter s Types: Chrysotile 2 Material: Non-fibrous			
5216	Location: White	908021145-27L3 Floor Tile W/Mastic Under Floor	<b>No</b> Tile	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	•	rogeneous, Non-Fibrous, Mastic		
5217	Location: Brow	908021145-28L1 n Floor tile W/mastic Under Carpe	<b>Yes</b> ets	5 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Brown, Homes Types: Chrysotile 5		)	O. 1 O. 1 O. 1
5217	Location: Brow	908021145-28L2 n Floor tile W/mastic Under Carpe	<b>Yes</b> ets	4 % (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Black, Hetero Types: Chrysotile 4 Material: Non-fibrous!			

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
5217		908021145-28L3 Floor tile W/mastic Under Carp		NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Yellow, Heter os Types: Material: Non-fibrous 1	ogeneous, Non-Fibrous, Mastic 00 %		
5218	<b>Locatio</b> n: Black	908021145-29 Residual Flooring	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Black, Hetero s Types: Material: Non-fibrous 1	geneous, Non-Fibrous, Cement 00 %	itious, Flooring	
5219	Location: 4" Bla	908021145-30L1 ck Cove Base W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Grey, Homog s Types: Material: Non-fibrous 1	eneous, Non-Fibrous, Cove Bas	se	
5219	Location: 4" Bla	908021145-30L2 ck Cove Base W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Off-White, He s Types: Material: Non-fibrous 1	terogeneous, Non-Fibrous, Mas 00 %	stic	GH 02/07/00
5219	Location: 4" Bla	908021145-30L3 ck Cove Base W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Dark Brown, I s Types: Material: Non-fibrous 1	Heterogeneous, Non-Fibrous, M 00 %	astic	SII 02/07/00
5220	Location: 6" Bla	908021145-31L1 ck Cove Base W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbesto	cription: Black/Grey, H s Types: Material: Non-fibrous 1	omogeneous, Non-Fibrous, Co	ve Base	

AmeriSci Job #: 908021145

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5220 Location	908021145-31L2 6" Black Cove Base W/Adhesive	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Brown Asbestos Types: Other Material: Non-fi	h, Heterogeneous, Non-Fibrous, Mastic brous 100 %		311 02/07/00
5221 Location	908021145-32 Grey Carpet Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow Asbestos Types: Other Material: Non-fi	, Heterogeneous, Non-Fibrous, Glue brous 100 %		
5222 Location:	908021145-33 Grey Carpet Blue W/Black Residual Ma	<b>Yes</b> astic	3 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Black/ Asbestos Types: Chryse Other Material: Non-fi		astics	
	908021145-34 Brown Multi Colored Carpet Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Yellow Asbestos Types: Other Material: Non-fil	r, Heterogeneous, Non-Fibrous, Glue		
5224 Location:	908021145-35 Button Board	No	NAD (by CVES) by Arturo A. Aldana on 02/07/08
Asbestos Types:	Brown, Heterogeneous, Fibrous, Drywal	I	011 02/07/00
5225 Location:	908021145-36 Exterior Patching Compound	Yes	7 % (by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Grey, l Asbestos Types: Chryso Other Material: Non-fil			3.1 32.37700

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M High Admin Bldg.

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
5226	908021145-37	Yes	2 %
Location: V	Vindow Putty		(by CVES) by Arturo A. Aldana on 02/07/08
Analyst Description: Grey, He Asbestos Types: Chrysotil Other Material: Non-fibro		v Putty	
5227	908021145-38	No	NAD
Location: S	itucco		(by CVES) by Arturo A. Aldana on 02/07/08
	e, Heterogeneous, Non-Fibrous, Ce	mentitious, Stucco	
Asbestos Types:			

**Reporting Notes:** 

at analyzed: 2/7/2008 2-7-08 Analyzed By: Arturo A. Aldana

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



### Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #:

908021145

### **AMERISCI LOS ANGELES**

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

COMPANY:	inc.	ADDRESS:	. 11	dig.			7.	P.O.#:	1
C.T.L									145
PROJECT I	NFORMATION	ANALYSIS Type	Busu	TUR 24 HR	NAROUN	-	T ==		FILTER
JOB NAME: S A	1 - High School	ASBESTOS TEM AHERA	Rush	24 HR	48 HR	72 HR	5 DAY	MCE	RMATION:
Adem	RIL	ASBESTOS PLM BULK	/	10		X		PC	
JOB NUMBER:	0109	ASBESTOS PCM AIR		11-		1	-	25 mm	
107-0	800	ASBESTOS PLM 1000 P.C.						37 mm	
JOB MANAGER:		LEAD AIR						0.45 um	
		LEAD WIPE	1	-				0.80 um	6/36/
JOB DESCRIPTION:		LEAD PAINT / SOLID						TEMP:	115
		OTHER:						OTHER:	11
		 □ Email □ Verbal □ Ma	VIL ONLY	/		RETURN	SAMPL	ES YES	λ
REPORTS TO:	Only Al Albert sw	Aller Draws and Travel		1		PHONE:		- To 1	712
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JOHNNEITT J.							0	the state of	anana a
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Asbestos, Environmental Chemistry and Microbiology Analysis
Boston Los Angeles New York Richmond

Page 1 of Z



### Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #:

908021145

### **AMERISCI LOS ANGELES**

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

COMPANY:		ADDRESS:						P.O.#:	Marinage Marinage
CTL		,					5-21)-III	321	4)
PROJECT I	NFORMATION	ANALYSIS	en u ment	1	NAROUN		Shippylle		FILTER
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JOB NAME: S. A	1. Hozh	ASBESTOS TEM AHERA		-president		- LI-113	Sept. 720	MCE TAN	SMIDIOWS
ptol L	(3142	ASBESTOS PLM BULK				×	o I est Hoffi	PC	7 ISHIO
JOB NUMBER:	estation in the second	ASBESTOS PCM AIR	4					25 mm	
127~	008	ASBESTOS PLM 1000 P.C. LEAD AIR	d	Filtr 1124	I in the Div	u ranje no.	me me lis	37 mm	/ HEIG
JUB WANAGER.	relative from the law	LEAD WIPE	all miles to	milities ===	taug byt s	n market		0.45 um	PERSON WILLIAM
JOB DESCRIPTION:	4 (6, 2-	LEAD PAINT / SOLID		18 - 0	The state of			0.80 um	
DOB DESCRIPTION.		OTHER:	A Albert		Service Con-	Carl Majo	1 (2/1	OTHER:	5=540m
		properties with the man	es a must	RVIII X	re ta ta	one inor	zelwane	Brum A 192	ef bus
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Asbestos, Environmental Chemistry and Microbiology Analysis

Boston Los Angeles New York

Richmond

Page Z of Z

TIENT: SHIMUSU ROJECT NO: 107-0008 ROJECT NAME: Rad Maria High SUMUSD

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B1645 Adriv

Technician: F. Rusales Su

Date: _____

MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	QTV.	ĹĿ,	۵
Sand Plaster	5187	LODBY 2 - SW COKMK	Attendance others ( El-colonal R. , Lounge, Labby 192)	11000	2-	2-
	5188	Ryn 501 - North West Cornel	Hallwey 1,2,3; Ams 103c, 1030, 102, 101, 103 A3 B, E,			
	5189		505, 504, 503, 502, 501, 405, 702, 401, 401 closet,			
	5190	5190 Rm = North west	100 100 1001 4002			
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18	5193	5193 RM 205 - South East		4	-( ]	4
200	3 6) 4					
3	G-RW					
Jt. compand	4.07	RWAGO South West	(G)			

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Ales Bulbeau days

A Coffey International Limited company

8000-601 SANKED ROJECT NO.: LIENT:

ROJECT NAME: Jack Hows High

Adminstration Bulder,

Technician: 6. Ruse (ash

Page: 2 of 2 Date:

HOTO	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	Œ	۵
: )	Jt compound	5197	RM1035- North Center	RM1035- North Center Staff Women, Plither, P. p. 2004, 200, 1036, 1039, 1034,	950	2	2.
		100	Hallway 3 by Rown	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		21	
		0616	103A		-	F	H
		5199	Staff Meris R.Q. 5 'S.		+	1	
*		0	Vikide Inn		2300	2	20
K		2200		120 4, 200, 101, 101, 101, 101, 101, 101, 105, 405, 405,		+	-
	Drywall	5201	Vikes Inn - Calling	401, 401 dos. + i pl, Vikus Inn, Cestodo- R-, Electrical P-,	1	1	1
	Drywall	5202		Above 12" freel Colley tile - Hallway 1,2,3	1800 25 Ft	ر _ي	2
		5202	Rm 103D - West	£, 200,103 k, 8, 4, 0, 4, E,	45.50	2	2 -
	and the same	2503	ento	F, Hallway 3, Lobay 1, Fung > 15-101	1	H	1
	Composite Drywall 5204	5204	Rm103D-West				
	W/ It. Compaine	5205	5205 Vikes Innis - North	*See Suple: 5200-5201 for Matrial Countries	2300	ゔ	7.
	11 11 11 11 11 11 11 11 11 11 11 11 11	2	East ceiling	1 . 2 - CA 2 Add 1	(900)	۸	2
	LXY Figsured Ceiling	5206	5206 Rm 200-celling	501, L-35, 2	59.64		
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X-Additional Super were not taken due to Ceiling tile



A Coffey International Librated company

SHMUSD CLIENT:

107-0008

Sasta Mource High ROJECT NAME:

Technician: 6. Rusulue Sa Date: ( 708 Page: 3 of 5

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H.	>	2	2	5	2	2	2	2	2	5
QTY.	2300	1800	Sy ft	25.00	97.45 Sq. Ft	24.72	10 Sq ft	300 54. Ft	150 Sy. ft	2002
MATERIAL LOCATION	10-5 207, 2078, 204, 2051, 2004, 2007, 202, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036, 1036	05+ (Hallwy (12,7)	of What Em, L. 200 A 200, Hallowy 1,2,3, R. 103 C, 103 D, 101 Book	frade+	8x R-2037034, 204, 205	to Claust	8008	105+ R 2008, Bleatered R. 16-101, 405, 401 clareti	st R-102	yor, 401, 401
SAMPLE LOCATION	Hallwood South	5208 Vilvés Inn North East Hallway (1217)	- 101 Est	5210 Habilwowl - 10' E of	5211 Rm 203A - Southwest	Arm- 101 North Carlo	5213 Km-3008 - center	9" Brown Floor Tike 5214 Rm 300 & - South west	5215 Rm102 - Northwest	5216 Rm 202 North center
SAMPLE #	5207	5208		5210	5211	5212	5213	5214		5216
MATERIAL	12/12" Fissured coins 5207 Hallwood South	hate	1 . :	à		2	2/4	9" Brown Floor Tik	Tan Floor Tile w/	Washic Lunder Brown laved With Je Flour Tite
PHOTO#										

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101-0008

Senta Asnella Halli ROJECT NAME:

Technician: f. hunder S...
Date: 17168

Page: 4 of 5

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QTV.	33.00	54.75	15. 14	2500	2005	45.62	1200	11020 54.ft	60 11.Ft	150
MATERIAL LOCATION	Kuder floor tite in Pur, 2004, 200, 107C, 1039, 1034, 11036, 103	P-101-601 9" (low tole)	10 los	Viknge Tun, 700 %, Lusted - (-, 203, 2036, 204, 205, 200 M, 202, 202, 201, 12 (12 1) Mttendence Othize, Electrical (-, 103 M, 202, 201, 401, 121, 101, Louise, Lobby 12, 2, 2, 2, 201, 402, 402, 401, 401, 401, 401, 401, 401, 401, 401	a+ North Eutra Dh. 202, 201, Attendones atthree R- 515-501, Coly 2000	hasy	b. 102,	Sec 50- 16 5187-5193 For M. trul button	Exters. From L Box Cosing and wordow Casing	Extern. At west Exteres All Exteres word-s
SAMPLE LOCATION	5217 Rm 200 by 12m 200	5218 RM-101 North west	5219 Km 102- Novth Center 6- 102	5220 Vikes Inn - 4' N. Of	5221 p-202- at North Cas	5222 Lobby 1 canter	5223 Rm 102 Northwest	5221 Cectodoz (leset. Above	KKe, Inn traction	
SAMPLE #	5217	5218	5219	5220	5221	1 100	5223	5224	5225	5226
MATERIAL	Brown Floor Tile	Black Reidual	4" Black corebose	6"Block corebase	(4/4) (-pr.1 6) we	Grey carret alve w	Brown Multi Colored	Butter Bud	Between Returns	Exa. Putty
HOTO#										5-2-3

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Water mengeng with

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A Coffey International Limited company

# FIELD BULK SAMPLE LIST

PROJECT NAME: Soft Money 4434 SMMUSD

Technician: 6. Rusuluba Date: 13508 Page: 5 of 8

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EST.	QIY.	4200 st . ft	19.4s						
NOLLY COLL AVAILABLE TYPE	MATERIAL LOCATION	Extra wells	tokersonell waln staces	ted Loaf	lation observed above Gilling Space				
THE PARTY OF A PARTY OF THE PAR	SAMPLE LOCATION	Kontern - Regarded by Header Closes - South Enot	Work I	Materials not inspected	luss from pipe nsouther				
SAMPLE	*	5227	Krad	H	f: begless				
***************************************	MATERIAL	Spece	Noiche Bann	Copys	Note:				
РНОТО	*								



### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 7, 2008

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

RE: CTL Environmental Services Job Number 908021143

P.O. #32145

107-0008; S.M High Business Bldg.

### Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5228, 5229, 5230, 5231, 5232, 5233, 5234, 5235, 5236, 5237, 5238, 5239, 5240, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248

The 21 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

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

Sincerely

Mary S. David

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

### **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: C. Ruvalcaba 24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/06/08

AmeriSci Job #

908021143

Date Examined 02

02/07/08

**P.O.** # 32145

Page

4 . .

1 **of** 5

RE: 107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5228 Location: 5	908021143-01 Sand Plaster	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, F Asbestos Types: Other Material: Non-fibr	leterogeneous, Non-Fibrous, Cemer ous 100 %	ntitious, Bulk Material	
5229 Location: S		No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, F Asbestos Types: Other Material: Non-fibr	eterogeneous, Non-Fibrous, Cemer	ntitious, Bulk Material	
5230 Location: S		No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, F Asbestos Types: Other Material: Non-fibro	eterogeneous, Non-Fibrous, Cemer ous 100 %	ntitious, Bulk Material	
5231 Location: S	908021143-04 Sand Plaster	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, H Asbestos Types: Other Material: Non-fibro	eterogeneous, Non-Fibrous, Cemer	ntitious, Bulk Material	011 02/07/00
5232 Location: S	908021143-05 Sand Plaster	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Analyst Description: Beige, H Asbestos Types: Other Material: Non-fibro	eterogeneous, Non-Fibrous, Cemer	ntitious, Bulk Material	5 52.67.700

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M High Business Bldg.

Client No.	/ HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos		
5233	Location: Sand Plas	908021143-06 ter	No	NAD (by CVES) by Paola Ducoing on 02/07/08		
Asbe	escription: Tan, Heterogeneo stos Types: er Material: Non-fibrous 100 %		, Non-Fibrous, Cementitious, Bulk Material			
5234	Location: Sand Plas	908021143-07 ter	No	NAD (by CVES) by Paola Ducoing on 02/07/08		
Asbes	escription: Beige, Heterogen stos Types: er Material: Non-fibrous 100 %		titious, Bulk Material			
5235	Location: Jt. Comp.	908021143-08	No	NAD (by CVES) by Paola Ducoing on 02/07/08		
Asbes	escription: Beige, Homogene stos Types: er Material: Non-fibrous 100 %		terial	3.1. 0.2. 0.7. 0.0		
5236	Location: Jt. Comp.	908021143-09	No	NAD (by CVES) by Paola Ducoing on 02/07/08		
Asbes	escription: Beige, Heterogene itos Types: er Material: Non-fibrous 100 %		aterial	011 02101700		
5237	Location: Jt. Comp.	908021143-10	No	NAD (by CVES) by Paola Ducoing on 02/07/08		
Asbes	escription: Beige, Homogene itos Types: ir Material: Non-fibrous 100 %		terial			
5238	Location: Jt. Comp.	908021143-11	No	NAD (by CVES) by Paola Ducoing on 02/07/08		
	escription: Beige, Homogene tos Types:	ous, Non-Fibrous, Bulk Ma	terial	311 02101700		

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M High Business Bldg.

Client No.	HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
5239	Location: Jt. Co	908021143-12 mp.	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Asbest	escription: Beige, Homo cos Types: r Material: Non-fibrous 1	geneous, Non-Fibrous, Bulk Ma 00 %	terial	
5240	<b>Location</b> : Drywa		No	NAD (by CVES) by Paola Ducoing on 02/07/08
Asbest	os Types:	Heterogeneous, Fibrous, Bulk %, Fibrous glass 2 %, Non-fibr		
5241	Location: Comp	908021143-14 osite Drywall W/JT Comp.	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Asbest	scription: Beige/Brown, os Types: r Material: Cellulose 8 %	Heterogeneous, Fibrous, Comp , Non-fibrous 92 %	posite	
5242	Location: 12" X	908021143-15L1 12" Blue Floor Tile W/Ahdesive	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Asbest	scription: Blue, Homoge os Types: · Material: Non-fibrous 1	eneous, Non-Fibrous, Floor Tile 00 %		
5242	Location: 12" X	908021143-15L2 12" Blue Floor Tile W/Ahdesive	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Asbest	scription: Yellow, Heteroos Types: • Material: Cellulose Trad	ogeneous, Non-Fibrous, Mastic ce, Non-fibrous 100 %		311 32/37/33
5243	Location: 12" X	908021143-16L1 12" White Speckled Floor Tile V	<b>No</b> V/Adhesive	NAD (by CVES) by Paola Ducoing on 02/07/08
Asbest	scription: White, Homogos Types: Material: Non-fibrous 1	geneous, Non-Fibrous, Floor Til	e	

Page 4 of 5

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M High Business Bldg.

Clien	t No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5243		908021143-16L2 X 12" White Speckled Floor Tile \	<b>No</b> W/Adhesive	NAD (by CVES) by Paola Ducoing on 02/07/08
Ana	alyst Description: Yellow, Ho Asbestos Types: Other Material: Cellulose 3	mogeneous, Fibrous, Mastic %, Synthetic fibers 2 %, Non-fib	prous 95 %	
5244	Location: 4" l	908021143-17L1 Black Cove Base W/Adhesive	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Ana	alyst Description: Dark Grey, Asbestos Types: Other Material: Non-fibrou	Homogeneous, Non-Fibrous, Covs 100 %	ve Base	
5244	Location: 4" l	908021143-17L2 Black Cove Base W/Adhesive	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Ana	alyst Description: Cream, Ho Asbestos Types: Other Material: Non-fibrou	mogeneous, Non-Fibrous, Glue		
5245	Location: 12"	908021143-18 X 12" Random Pinhole Ceiling Til	<b>No</b> le W/Glue	NAD (by CVES) by Paola Ducoing on 02/07/08
Ana	Asbestos Types:	, Heterogeneous, Fibrous, Bulk M 5 %, Fibrous glass 35 %, Non-fit		
5246	Location: 2"	908021143-19 (4" Fissured Ceiling Panels	No	NAD (by CVES) by Paola Ducoing on 02/07/08
Ana	alyst Description: Brown/Tan Asbestos Types: Other Material: Cellulose	, Heterogeneous, Fibrous, Bulk M 0 %, Non-fibrous 60 %	aterial	011 02/01/00
5247	Location: Wil		Yes	Trace (<1 %) (by CVES) by Paola Ducoing on 02/07/08
Ana	alyst Description: Grey/White Asbestos Types: Chrysotile Other Material: Non-fibrou		ulk Material	

Client Name: CTL Environmental Services

### **PLM Bulk Asbestos Report**

107-0008; S.M High Business Bldg.

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos		
5248	908021143-21	No	NAD		
Locati	on: Stucco		(by CVES)		
			by Paola Ducoing		
			on 02/07/08		
Analyst Description: Gre	ey, Heterogeneous, Non-Fibrous, Cement	itious, Bulk Material			
Asbestos Types:					
Other Material: No	n-fibrous 100 %				

**Reporting Notes:** 

Analyzed By: Paola Ducoing _

; Date Analyzed: 2/7/2008 2/7/08

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

Reviewed By:

12/08



### Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #:

908021143

### AMERISCI LOS ANGELES

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

COMPANY:		ADDRESS:						P.O.#:	
CTL								321	45
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		Түре	Rush	24 HR	48 HR	72 HR	5 DAY	INFO	RMATION:
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### Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #:

908021143

### AMERISCI LOS ANGELES

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

CTL.	Activist Beneficial Confinence	ADDRESS:				Approximately Approximately Approximately	nerologian ned Thus kineolito	P.O.#:	45
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107-0	8008	ASBESTOS PLM 1000 P.C.	- Memoria		nv.on	mineral ne	modern 6	37 mm	y lach
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101-0008 SMUSD THENT: SW ROJECT NO.:

· Business Building

Technician: 6 Rusul .. S. Page: 1 of 3 Date:

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107-0008 5M450 THENT: 5M
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We're merging with



### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 7, 2008

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

RE: CTL Environmental Services Job Number 908021147 P.O. #32145

107-0008; S.M. High C.

### Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5153, 5154, 5155, 5156, 5157, 5158, 5159, 5160, 5161, 5162, 5163, 5164, 5165, 5166, 5167, 5168, 5169, 5170, 5171, 5172, 5163, 5174, 5175, 5176, 5177, 5178, 5179, 5180, 5181, 5182, 5183, 5184

The 32 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely

Client Services Manager

RECEIVED
FEB 1 4 2008
BY:



## AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

## **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: C. Ruvalcaba 24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/06/08

AmeriSci Job #

908021147

Date Examined 02/07/08

P.O. # 32145

Page 1 of 8

RE: 107-0008; S.M. High C.

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
	908021147-01 tion: Sand Plaster eige, Homogeneous, Non-Fibrous, Bulk Ma	<b>No</b> iterial	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos Types: Other Material: No			
5154	908021147-02	No	NAD (b.: CV(5S)
Loca	tion: Sand Plaster		(by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Be Asbestos Types: Other Material: No	eige, Homogeneous, Non-Fibrous, Bulk Ma on-fibrous 100 %	terial	3.1 02/07/00
5155	908021147-03	No	NAD
	ion: Sand Plaster		(by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Be Asbestos Types: Other Material: No	eige, Homogeneous, Non-Fibrous, Bulk Ma on-fibrous 100 %	tenal	
5156	908021147-04	No	NAD
Locat	ion: Sand Plaster		(by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Be Asbestos Types: Other Material: No	eige, Homogeneous, Non-Fibrou <b>s</b> , Bulk Ma on-fibrous 100 %	terial	OH 02/07/08
5157	908021147-05	No	NAD
Locat	ion: Sand Plaster		(by CVES) by Olga K. Katsuk
Analyst Description: Be Asbestos Types: Other Material: No	eige, Homogeneous, Non-Fibrous, Bulk Ma on-fibrous 100 %	terial	on 02/07/08

Page 2 of 8

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5158	Location: Smoot		No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White/Beige, os Types: · Material: Non-fibrous 1	Heterogeneous, Non-Fibrous, 0 00 %	Cementitious, Bulk Material	
5159	Location: Smoot	908021147-07 h Plaster	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: Beige, Homogos Types: Material: Non-fibrous 16	eneous, Non-Fibrous, Bulk Ma 00 %	aterial	
5160	Location: Smoot	908021147-08 h Plaster	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White/Beige, los Types: Material: Non-fibrous 10	Homogeneous, Non-Fibrous, B 00 %	ulk Material	
5161	Location: Smoot	908021147-09 h Plaster	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White, Hetero os Types: Material: Non-fibrous 10	geneous, Non-Fibrous, Cemen 00 %	titious, Bulk Material	011 02/07/00
5162	Location: Smoot	908021147-10 n Plaster	No	NAD (by CVES) by Olga K. Katsuk
Asbest	scription: White, Hetero os Types: Material: Non-fibrous 10	geneous, Non-Fibrous, Cemen 00 %	titious, Bulk Material	on 02/07/08
5163	Location: St. L.	908021147-11	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
	scription: White, Homog os Types:	eneous, Non-Fibrous, Bulk Ma	terial	

## **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5164	Location: St. L.	908021147-12	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White, Homogene os Types: Material: Non-fibrous 100 %		erial	
5165	Location: St. L.	908021147-13	Yes	3 % (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: Blue, Heterogene os Types: Chrysotile 3.0 % Material: Non-fibrous 97 %	ous, Fibrous, Bulk Material		
5166	Location: St. L.	908021147-14	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White, Homogene os Types: Material: Non-fibrous 100 %		erial	
5167	Location: St. L.	908021147-15	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White, Homogeneos Types: Material: Non-fibrous 100 %		erial	W 02/6//00
5168	Location: St. L.	908021147-16	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	scription: White, Homogene os Types: Material: Non-fibrous 100 %		erial	011 02/07/00
5169	Location: St. L.	908021147-17	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
•	scription: White, Homogeneos Types:	eous, Non-Fibrous, Bulk Mat	rerial	01. 02.01.00

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Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
	908021147-18 on: Drywall	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Wh Asbestos Types: Other Material: No	nite, Homogeneous, Non-Fibrous, Bulk Ma n-fibrous 100 %	aterial	
5171 Locati	908021147-19 on: Composite Drywall w/Jt Comp.	No	NAD (by CVES) by Olga K. Katsuk
Analyst Description: Wh Asbestos Types: Other Material: No	ite, Homogeneous, Non-Fibrous, Bulk Ma	iterial	on 02/07/08
5172 Location	908021147-20L1 on: 12"x12" Random Pinhole Ceiling Tile	<b>No</b> w/Glue	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos Types:	wn, Heterogeneous, Fibrous, Ceiling Text	ture	
5172 Location	908021147-20L2  on: 12"x12" Random Pinhole Ceiling Tile	<b>No</b> w/Glue	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Dar Asbestos Types: Other Material: Nor	k Brown, Homogeneous, Non-Fibrous, Man-fibrous 100 %	astic	
5153 Locatio	908021147-21L1 on: 12"x12" Blue Floor Tile w/Ashesive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Blue Asbestos Types: Other Material: Nor	e, Homogeneous, Non-Fibrous, Flooring		511 02101100
5153 Locatio	908021147-21L2 on: 12"x12" Blue Floor Tile w/Ashesive	No	NAD ¹ (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Cre Asbestos Types: Other Material: Nor	am, Homogeneous, Non-Fibrous, Mastic		O.1. OE) O.1.

## **PLM Bulk Asbestos Report**

Client No.	/ HGA Lab No	Asbesto	s Present	Total % Asbestos
5174	908021147- Location: 12"x12" Blue Floor Tile w/A		<b>Vo</b> Mastic	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbest	escription: Blue, Homogeneous, Non-Fibrous, tos Types: r Material: Non-fibrous 100 %	Flooring		
5174	908021147-	22L2 I	No	NAD ¹
	Location: 12"x12" Blue Floor Tile w/A	shesive w/Black Residual	Mastic	(by CVES) by Olga K. Katsuk on 02/07/08
Asbest	escription: Black, Homogeneous, Non-Fibrous tos Types: r Material: Non-fibrous 100 %	, Mastic		
5175	908021147-	23L1 /	No	NAD
	Location: 12"x12" Ocean Blue Floor T	ile w/Adhesive		(by CVES) by Olga K. Katsuk on 02/07/08
Asbest	escription: Blue, Homogeneous, Non-Fibrous, tos Types: r Material: Non-fibrous 100 %	Flooring		
5175	908021147-	23L2	No	NAD 1
	Location: 12"x12" Ocean Blue Floor T	ile w/Adhesive		(b <b>y</b> CVES) by Olga K. Katsuk on 02/07/08
•	escription: Cream, Homogeneous, Non-Fibrou	s, Mastic		
	tos Types: r Material: Non-fibrous 100 %			
5176	908021147-	24L1 /	No	NAD
		Location: 12"x12" Yellow Floor Tile w/Adhesive w/Black Residual Mastic		(by CVES) by Olga K. Katsuk on 02/07/08
Asbest	escription: Yellow, Homogeneous, Non-Fibrou tos Types: r Material: Non-fibrous 100 %	s, Flooring		
5176	908021147-	24L2 /	Vo	NAD 1
	Location: 12"x12" Yellow Floor Tile w/	Adhesive w/Black Residu	al Mastic	(by CVES) by Olga K. Katsuk on 02/07/08
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AmeriSci Job #: 908021147

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

Client No. / H	GA	Lab No.	Asbestos Present	Total % Asbestos
5177	Location: 12"x12" W	908021147-25L1 hite Speckled Floor Tile w	<b>No</b> /Adhsive	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos	iption: White, Homogened Types: aterial: Non-fibrous 100 %	ous, Non-Fibrous, Flooring		
5177	Location: 12"x12" W	908021147-25L2 hite Speckled Floor Tile w	<b>No</b> /Adhsive	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos	i <b>ption</b> : Yellow, Homogene <b>Types:</b> at <b>erial</b> : Non-fibrous 100 %	ous, Non-Fibrous, Mastic		
5178	Location: Blue w/grey	908021147-26L1 Flooring w/Adhesive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos	iption: Blue/Grey, Homogo Types: aterial: Non-fibrous 100 %	eneous, Non-Fibrous, Floo	oring	
5178	Location: Blue w/grey	908021147-26L2 Flooring w/Adhesive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos	iption: Cream, Homogene Types: aterial: Non-fibrous 100 %	ous, Non-Fibrous, Mastic		
5179	Location: 4" Black Co	908021147-27L1  on: 4" Black Covebase w/Adhesive		NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos	i <b>ption</b> : Black, Homogeneo Types: aterial: Non-fibrous 100 %	us, Non-Fibrous, Basecov	⁄e	- 1 1
5179	Location: 4" Black Co		No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos	iption: Off-White, Homoge Types: aterial: Non-fibrous 100 %	neous, Non-Fibrous, Glue	9	

## **PLM Bulk Asbestos Report**

Client No. /	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5180	Location: 6" Blad	908021147-28L1 k Covebase w/Adhasive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto		eneous, Non-Fibrous, Basecov 00 %	е	
5180		908021147-28L2 k Covebase w/Adhasive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: Off-White, Ho s Types: Material: Non-fibrous 10	nogeneous, Non-Fibrous, Glue 00 %		
5181	Location: Duct S	908021147-29 ealant	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto		neous, Non-Fibrous, Bulk Mate	erial	
5182	Location: Button	908021147-30 Board	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	*	Heterogeneous, Fibrous, Bulk I 5, Non-fibrous 85 %	Material	
5183	908021147-31  Location: Window Putty		Yes	Trace (<1 %) (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: Beige/Grey, H s Types: Chrysotile <1 Waterial: Non-fibrous 10		ementitious, Bulk Material	
5184	Location: Stucco	908021147-32	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	-	neous, Non-Fibrous, Bulk Mate	erial	

AmeriSci Job #: 908021147

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Client Name: CTL Environmental Services

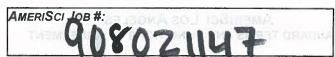
## **PLM Bulk Asbestos Report**

Reporting I	N	otes:
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(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).
(1) Insufficient material submitted for accurate quantitation during PLM analysis (no QC possible).  Analyzed By: Olga K. Katsuk ; Date Analyzed: 2/7/2008 2
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS
= not analyzed / positive stop; NVA = No √isible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40
CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB
materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in
New York State (also See EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be
reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.  Reviewed By:
Reviewed By: 2/D/OY



## Asbestos, Lead Analysis Chain of Custody



### **AMERISCI LOS ANGELES**

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

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						PAGER/	CELL:		405.3
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## Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB #: 908021147

### **AMERISCI LOS ANGELES**

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

COMPANY:	добрать одобрада вине посто пейка	ADDRESS:	n egyene Quick	name to to	win yesin i Mali	mortis on mangathe Mbon vire	geri binin Ot i mis	P.O.#:	45
PROJECT IN	FORMATION	ANALYSIS	a and and		NAROUN		Aho ota		FILTER
Ion Name: C. M.	12-1	TYPE	Rush	24 HR	48 HR	72 HR	5 DAY		RMATION:
JOB NAME: S.M.	01)	ASBESTOS TEM AHERA		Date Inte	er u.		om Tat	MCE	SWEDIETRAI
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JOB MANAGER:	008	LEAD AIR	a market	n ned-ru		and to 1	111111111111111111111111111111111111111	37 mm 0.45 um	T12841
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Boston

Los Angeles

New York

Richmond

Page 2 of 2

TLIENT: SM LLSD
ROJECT NO.: (37-0008
ROJECT NAME: SLWAR MONTEL

: Santo Hourse Hol. Cake tears 81

Technician: 6. Pusellel

Page:

HOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	도	Ω	
	Sand Master	5153	student caketoria- 5's of N.W.	Stadent Caketura, Serving Ang Loca, Succk bur, Swaye 2, Changing Pun, R.R., Kitchen Rep Lea,	4800	3	3	
<del></del>		5154	Serving Area-	office 1 state Cafetoria, Cagodias closed				
1		5155	Serving Area - V					T
<del></del>		5156	Kitchen Prep South					To the second
		5157	staffications of E		7 200		7	
	Syndoth Plaster	5158	Kitchen - East wall center	5158 Kitchen - East wall Kitchen Kitchen (vep Area, Coalls)	30.F	3	2	
1		5159	Kitchen- N'W				100	
1		5160	ر حـ					- 1
1		5161	5161 Kitchen - North				10	
1		5162	5162 Kitchen West		7	7	4	
	The state of the s							

coffey \$\displayset{environments}\$

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8000-201 SMUSD TLIENT: S. ROJECT NO.:

Santa Moniza

Technician: F. Resolus Se

Date: 73/2 Page: 2 of A

	2								1.	2
			0.3							<b>1</b>
<u> </u>	2 -									4
EST. QTY.	000'51	2							9	8090 54, ft
MATERIAL LOCATION	STARF WANG RR. Leiling in Righten Kitchen Rep Aren 1900 De 18 West Could Conte Re, Above 12" Coiling tile in Rue: Student	South Cafebria, Serving Area, Sac. K been statt Cafebriay, while Aud College, in Mens ? women statt fly	Serving Area - Ce: las Med his Bays and basis fill						X	Student (efeteras) Severy Ara, Smack Gery Stable Cafesturia,
SAMPLE LOCATION	5163 Staff Wars RR. West Conte	staff Womans RR South wast corner	Serving Area - Ceriling when conte	Kitchen-Ceilmy-North	Kitchen Ceiling South East Corne	Kitchen - Ceiling Centro	Changing and 4' 5.th	5170 Heus RR-Ceiling West	2	1/2
SAMPLE #	5163	5164	5165	5166	5167	5168	5169	5170	5171	5172
MATERIAL	P							Drywall	COMPosite-Drywall	12'X12" Random Pinhale Ceiling File W/ Gluc
HOTO #										



We're merging with

CLIENT: SIM USD 107-0008

PROJECT NO.: 107-0008
PROJECT NAME: 50-12 House High Cofeture

Technician: 6 Ruelub.
Date: 13/58
Page: 3 of 4

SAMPLE SAMPLE SAMPLE LOCATION		SAMPLE LOCATION		MATERIAL LOCATION	EST. QTY.	뇬	Q
12"xp" Ohe How tile 5173 Seven Area - West	5173 Seving Area - W.	Sevent Area - W.		Serving Area, Sucell be Chausing Pung Kitchen Preps 1800 spot Calebra ( Rodon + ), office (	1800 Sq. (Ct	2	2
C. tetors	5174 Stadent Cofetoria	Stabent Cheteria	201	2001 Shudand Westerin	800 51.5t	2	2
2' X12' 1 Ocean Blue 5175 Subart Chethia 30' With The dent Ca freterin	5175 Showt Chebria	Shout Chatein	\$0' Vc., 4	Shudent la freteria	1000	2	2
12 " 11 Klas Kas Hie Missing Student Cafething - 20 5. H Student Cafething	5176 student Capeting	student Ce Peterra	20 S.A	short atotois	200	3	3
5177	5177 Student Catebra	Student Crate	1-5 1 E. t	afebroly); Sovors how hear	3000 Sq.ft	2	2
Howing	0	Kitchen - How - C	3	Kit West	1000 50.54	2	2
4" (Hack Courbess 5179 Soury Area - With Will	5179 Sway Area - W.	Severy Area - 1200s	t 12" ((	Saving Area, Suack buy Kitchen Propostize!	350 14 ft	2	2
5180	5180 state Clutur	Stabent Chater	,	Student Certabura	130	٦,	. 3
Duct Sealent 5181 Kitchen - Leilung	5181 Kitchen - Leilung	Kitchen - Leilurg	Spece	Kitchen - Leilus Space - Kitchen Ceilus Space HVAC with at	t f. bs	2	2
Rutten Bound 5182 Kitchen Prep Pursont	5182 Kitchen Prep P.	Kitchen Prop P.	3	5182 Kitchen prop p South Mula (loster valls (See Suples 5157-162	59.64	2	3
	(N. C.	S42 2242					

coffey \$\frac{\pin_{\text{confine}}}{\text{confine}}\$

coffey environments

A Coffey International
Limited company

107-0008 SMERSD TLIENT: SANCIECT NO.: NO. TROJECT NAME: ____

Technician: F. Luulus.

Date: 71

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EST. QTY.	300	4500	this sailt	-\		8)		
MATERIAL LOCATION	All Extern wardens	in All Exture Wills	flear	700)	in cailmy space throughout			
SAMPLE LOCATION	5183 " Cherry Stadent	5184 Getera - Stadent Catalina	Ass-1 Not Suple & Matinal	Matorial Not Tusperted	Dote: File glass woolether & Oobswed			
SAMPLE #	5183	5184	Ass_1	1	e gluss			
MATERIAL	Winden Retty	Stice	Fleer Susolation	good .				
HOTO #								

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White medical with



## AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 12, 2008

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

RE: CTL Environmental Services Job Number 908021161

P.O. #107-0008

107-0008; SMMUSD; St. Monica High School / History

### Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

H01, H02, H03, H04, H05, H06, H07, H08, H09, H10, H11, H12, H13, H14, H15, H16, H17, H18, H20, H21, H22, H23, H24, H25, H26, H27, H28, H29, H30, H31, H24A, H32, H33, H34, H35, H36, H37, H38, H39

The 35 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

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

Sincerely

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

## **PLM Bulk Asbestos Report**

**CTL Environmental Services** 

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/08/08

AmeriSci Job #

908021161

**Date Examined** 

02/09/08

P.O. # Page

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of S

Client No.	/ HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
H01 1	*	908021161-01L1 y Floor Tile & Mastic	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Purple, Homog tos Types: r Material: Cellulose 1 %,	eneous, Non-Fibrous, Cement Non-fibrous 99 %	titious, Floor Tile	
H01		908021161-01L2	No	NAD
1		y Floor Tile & Mastic		(by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Black, Heterogo tos Types: r Material: Cellulose 8 %,	eneous, Non-Fibrous, Mastic Non-fibrous 92 %		
H02	***	908021161-02L1	No	NAD
1	Location: 12" Gra	y Floor Tile & Mastic		(by CVES) by John A. Lopez on 02/09/08
Asbest	scription: Purple, Heterogo tos Types: r Material: Non-fibrous 100	peneous, Non-Fibrous, Cemen	titious, Floor Tile	
H02		908021161-02L2	No	NAD
1	Location: 12" Gray	y Floor Tile & Mastic		(by CVES) by John A. Lopez on 02/09/08
Asbest	scription: Black, Heteroge cos Types: Material: Cellulose 7 %,	eneous, Non-Fibrous, Cementi Non-fibrous 93 %	itious, Mastic	011 02/09/06
H03		908021161-03L1	No	NAD
1		/ Floor Tile & Mastic		(by CVES) by John A. Lopez on 02/09/08
	scription: Purple, Homoge os Types:	eneous, Non-Fibrous, Cement	itious, Floor Tile	

Page 2 of 9

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

Client No.	/ HGA Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
H03 1	908021161-03L2 Location: 12" Gray Floor Tile & Mastic	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	escription: Beige/Grey, Homogeneous, Non-Fibrous, Ma stos Types: er Material: Cellulose 5 %, Non-fibrous 95 %	estic	011 02/00/00
H04	908021161-04L1 Location: 12" Lt Blue Floor Tile (2 Layers)	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Purple, Homogeneous, Non-Fibrous, Cement stos Types: er Material: Calcite 100 %	itious, Floor Tile	
H04	908021161-04L2 Location: 12" Lt Blue Floor Tile (2 Layers)	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Light Blue, Homogeneous, Non-Fibrous, Cem etos Types: er Material: Calcite 100 %	nentitious, Floor Tile	
H04	908021161-04L3 Location: 12" Lt Blue Floor Tile (2 Layers)	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Grey/Yellow, Homogeneous, Non-Fibrous, Un itos Types: er Material: Non-fibrous 100 %	nderlayment	011 02/03/00
H05	908021161-05 Location: 12" Peghole C.T. Mastic	No	NAD (by CVES) by John A. Lopez
Asbes	escription: Brown, Heterogeneous, Fibrous, Bulk Materia tos Types: er Material: Non-fibrous 100 %	I	on 02/09/08
H06 2	908021161-06 Location: Window Putty	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Grey/Beige, Homogeneous, Non-Fibrous, Bull tos Types: r Material: Non-fibrous 100 %	k Material	011 02/09/00

## **PLM Bulk Asbestos Report**

Client No	./HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
H07 2	Location: Windov	908021161-07 Putty	Yes	Trace (<1 %) (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Grey, Heteroge stos Types: Chrysotile <1. er Material: Cellulose 1 %,		terial	011 02/03/00
H08		908021161-08	Yes	Trace (<1 %)
2	Location: Window			(by CVES) by John A. Lopez on 02/09/08
Asbe	stos Types: Chrysotile <1. er Material: Cellulose 2 %,		erial	
H09	Location: Hot Brid	908021161-09 ks	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Off-White, Homstos Types: er Material: Non-fibrous 100	ogeneous, Non-Fibrous, Cem	nentitious, Bulk Material	3H 02H3700
H10	Location: Drywall	908021161-10	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	stos Types:	neous, Fibrous, Bulk Material Fibrous glass 2 %, Gypsum		011 02/09/06
H11		908021161-11	No	NAD
3	Location: Drywall			(by CVES) by John A. Lopez on 02/09/08
Asbes	lescription: White, Homoge stos Types: er Material: Non-fibrous 100	neous, Non-Fibrous, Joint Co ) %	mpound	
H12	Location: Drywall	908021161-12 Jt. Compound	No	NAD (by CVES)
Asbes	escription: White, Homoge stos Types: er Material: Non-fibrous 100	neous, Non-Fibrous, Bulk Ma	terial	by John A. Lopez on 02/09/08

## **PLM Bulk Asbestos Report**

Client No.	. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
H13		908021161-13	No	NAD
3	Location: Drywal			(by CVES) by John A. Lopez on 02/09/08
Asbe	Description: White, Homog stos Types: er Material: Carbonates 10	eneous, Non-Fibrous, Joint Co 10 %	ompound	
H14		908021161-14	No	NAD
3	Location: Drywal			(by CVES) by John A. Lopez on 02/09/08
Asbe	<b>)escription:</b> White/Beige, F <b>stos Types:</b> <b>er Material:</b> Non-fibrous 10	lomogeneous, Non-Fibrous, J 0 %	oint Compound	
H15		908021161-15	No	NAD
3	Location: Drywall	Jt. Compound		(by CVES) by John A. Lopez on 02/09/08
Asbe	<b>rescription:</b> vvnite/Beige, F stos Types: er Material: Carbonates 10	lomogeneous, Non-Fibrous, B 0 %	ulk Material	
H16		908021161-16	Yes	3 %
1	Location: S. Rou	gh Plaster Ceiling		(by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Yellow/Beige, I stos Types: Chrysotile 3.0 er Material: Non-fibrous 97		Cementitious, Bulk Material	
117		908021161-17		NA/PS
1	Location: S. Roug	gh Plaster Ceiling		
Asbes	escription: Bulk Material stos Types: er Material:			
118		908021161-18		NA/PS
	Location: S. Roug	h Plaster Ceiling		
Asbes	escription: Bulk Material stos Types: er Material:			

Page 5 of 9

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

Client No.	/ HGA	_ab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
H20	908	3021161-19		NA/PS
4	Location: S. Rough Plaster (	_		17.01
Asbe	Description: Bulk Material stos Types: er Material:			
H21	908	3021161-20		NA/PS
4	Location: S. Rough Plaster (			NAVI O
Asbe	escription: Bulk Material stos Types: er Material:			
H22	908	3021161-21		NA/PS
4	Location: S. Rough Plaster C			NAT O
Otho		3021161-22	No	NAD
	Location: 2'x4' Fiss. C.P.			(by CVES) by John A. Lopez
Asbes	escription: Beige, Homogeneous, Fib stos Types: er Material: Cellulose 5 %, Mineral Wo			on 02/09/08
H24	9080	)21161-23L1	No	NAD
	Location: 4" Blue Covebase		,,,	(by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Black, Heterogeneous, Fib etos Types: er Material: Non-fibrous 100 %	rous, Basecove	¥	011 02/03/00
	9080	21161-23L2	No	NAD
	Location: 4" Blue Covebase	& Glue		(by CVES) by John A. Lopez on 02/09/08
				on uz/u9/ox

## **PLM Bulk Asbestos Report**

Client No	. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
H25 5	Location: Drywall Jt.	908021161-24 Compound	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Off-White, Homog stos Types: er Material: Carbonates 100 %		erial	3.1 32/33/33
H26 5	Location: Drywall Jt.		No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Off-White, Homog stos Types: er Material: Cellulose 2 %, No		erial	
H27 5 Analyst D	Location: Drywall Jt.  Description: White/Beige, Hom		<b>No</b> ulk Material	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	stos Types: er Material: Non-fibrous 100 %		uin waterial	
H28	Location: 2'x4' Fiss.	908021161-27 C.P.	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Beige/White, Hom stos Types: er Material: Cellulose 6 %, Mi			011 02/00/00
H29	Location: 12" White		No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: White, Homogene stos Types: er Material: Calcite 100 %	ous, Non-Fibrous, Cementi	itious, Floor Tile	5.7 <b>5.1</b> 5.1 5.1
H29	Location: 12" White	908021161-28L2 Floor Tile	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Beige/Grey, Homo stos Types: er Material: Non-fibrous 100 %		derlayment	3.1. 2.2. 33. 33

## **PLM Bulk Asbestos Report**

Client No. / HGA	Lab No.	Asbestos Present	<b>Total % Asbestos</b>
H30	908021161-29 cation: Gypsum Board	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbestos Types	White, Homogeneous, Non-Fibrous, Bulk Mat Fibrous glass 3 %, Gypsum 97 %	erial	011 02/09/06
	908021161-30L1 cation: 12" Random C.T & Glue	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbestos Types:	Beige/White, Homogeneous, Fibrous, Ceiling Cellulose 7 %, Mineral Wool 50 %, Non-fibro		
H31 Lo	908021161-30L2 cation: 12" Random C.T & Glue	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbestos Types:	Tan/Yellow, Homogeneous, Non-Fibrous, Glud Non-fibrous 100 %	e	0.1. 02.007.00
H24A Loc	908021161-31 cation: Drywall	No	NAD (by CVES) by John A. Lopez
Asbestos Types:	White, Homogeneous, Fibrous, Bulk Material Fibrous glass 4 %, Gypsum 96 %		on 02/09/08
H32 Loc	908021161-32L1 cation: G. Ceiling Material	No	NAD (by CVES) by John A. Lopez
Asbestos Types:	Light Grey, Homogeneous, Non-Fibrous, Ceilin	ng Material	on 02/09/08
H32 Loc	908021161-32L2 cation: G. Ceiling Material	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbestos Types:	Cream/Beige, Homogeneous, Non-Fibrous, Gl Cellulose 2 %, Other Fibers 7 %, Non-fibrous		

## **PLM Bulk Asbestos Report**

Client No.	. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
H33 6	Location: Stucco	908021161-33	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Grey, Homogeneo stos Types: er Material: Non-fibrous 100 %		tious, Bulk Material	U11 02/09/06
H34 6	Location: Stucco	908021161-34	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbe	Description: Grey, Homogeneo stos Types: er Material: Non-fibrous 100 %		tious, Bulk Material	
H35 6	Location: Stucco  Description: Beige, Homogeneo	908021161-35	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	stos Types: er Material: Non-fibrous 100 %	ous, Non-Fibrous, Cement	itious, Buik Material	
H36 6	Location: Stucco	908021161-36	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	Description: Grey/Beige, Homog stos Types: er Material: Non-fibrous 100 %	geneous, Non-Fibrous, Ce	mentitious, Bulk Material	011 02/0 <del>3</del> /06
H37 6	Location: Stucco	908021161-37	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Grey/White, Homoç stos Types: er Material: Cellulose 2 %, Nor		mentitious, Bulk Material	
H38	Location: Stucco	908021161-38	No	NAD (by CVES) by John A. Lopez on 02/09/08
Asbes	escription: Grey/White, Homog stos Types: er Material: Non-fibrous 100 %	geneous, Non-Fibrous, Ce	mentitious, Bulk Material	

## **PLM Bulk Asbestos Report**

1007-0008; SMMUSD; St. Monica High School / History

Client No	o. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
H39		908021161-39	No	NAD
6	Location: Stucco			(by CVES) by John A. Lopez on 02/09/08
Asb	Description: Grey/White. Homo estos Types: her Material: Non-fibrous 100 %		ementitious, Bulk Material	

Reporting Notes:

Analyzed By: John A. Lopez

*NAD = no asbestos detected; Detection Limit 1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322). Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be

reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested. Reviewed By:

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## AMERISCI LOS ANGELES CHAIN OF CUSTODY RECORD

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MATRIX

CLIENT SAMPLE **IDENTIFICATION** 

TYPE SIZE

SAMPLING INFORMATION

CONTAINER

TECH

TIME

GRAB (G) OR COMPOSITE (C)

CONTAINER: P-PLASTIC G-

GLASS V-VOA

PROJECT STATE:

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## TABLE 2.1 (cont)

## SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS HISTORY BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION		1 40	LABORATORY ANALYSIS RESULTS
H-1-01	Plaster walls		CK	NAD
H-1-02	Plaster walls			NAD
H-1-03	Plaster walls			NAD
H-1-04	Plaster walls			NAD
H-1-05	Plaster walls			NAD
H-1-06	Plaster walls			NAD
H-1-07	Plaster walls		220	NAD
H-2-01	1'x1' ceiling tile	dip p p p p p p p p p p p p p p p p p p		NAD
H-2-01	1'x1' ceiling tile			NAD
H-2-02 H-2-03	1'x1' ceiling tile			NAD
H-3-01	Plaster ceiling			NAD
H-3-02	Plaster ceiling			NAD
1-3-03	Plaster ceiling			NAD

PROJECT NAME: PROJECT NO.: CLIENT: SHRUSD 200 to 124 - 124 Auc Assen

Technician: V. Sauks

Date: 4-24-07

Page: 1 of 4 V. Saule

-						<b>V</b>			70	of Gen	ON DE	NAD	РНОТО #
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tornées exphasti	1027 want 5 700 yeary 2		in the interior	#204,14708,4203,14203,4208,4210,4213,42141218	4026 1101 H103 H103 H104 H104 H106 12, 12, 11 H104 H104 H106 12, 12, 11	11.4 H11.4	HIOY, HIOGARGA HIOS, HIOZ, HIOS ENTONIMON		H218	H117A CUSTON MAN (117A, H117A, H117A)	Same as Ho5)	HIOR HIOR HIOR HILL WALLE COLLAND LOCATE & 11 HILL HIOR HIORD & 11 HILL HIOR HIORD & 11 HILL HIOR HICKLES & 11 HILL HILL HILL HILL HILL HILL HILL H	MATERIAL LOCATION
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# CIL ENVINORMENTAL SERVICES

FIELD BULK SAMPLE LIST

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	4 114 2/G	AT 5/8 stringly	H120 5/E	H102 NW	Zent Pur, Stellway	H213 won cm.	1 20 S/E	1+ 212 W/W.	H206 4/W	HILLY S/W.	H107 5/6	P	H 100 N/E	SAMPLE LOCATION	eica H.S.
1						H205 17207, H208 H209 H210, H218, H214 H2/5	1+122, H101, 102, H100, H106, H114, H116, H118, H120						HIIH S. WICHTHON TO HOUR " BHOIH " BHOIH WHOLH HOLH	MATERIAL LOCATION	Technician: [History bldy. Date:
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FIELD BULK SAMPLE LIST

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Technician: V. Saul
Date: 4-4-07
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	HEAR Achimans AT 1ST, End of	14127-141278	<b>\</b>			H127, H1278	1,4218	622, HOLOHZOL, HZQR	hosemut 15T azad pro hallow	H116, H120, H105, H119, H120, H200, H201, H205	H118 H116 H114	MATERIAL LOCATION
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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

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### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 8, 2008

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

RE: CTL Environmental Services Job Number 908021165

P.O. #107-0008

107-0008; SMMUSD; St. Monica High / Tech. Bldg

### Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495

The 18 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci,

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

Sincerely,

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

### **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/08/08

AmeriSci Job #

908021165

Date Examined 02/08/08

P.O. # Page

1 of

RE: 107-0008; SMMUSD; St. Monica High / Tech. Bldg

5-01L1 No e us, Basecove  5-01L2 No e ibrous, Glue	NAD (by CVES) by Olga K. Katsuk on 02/08/08  NAD (by CVES) by Olga K. Katsuk on 02/08/08  NAD (by CVES) by Olga K. Katsuk
e ibrous, Glue	(by CVES) by Olga K. Katsuk on 02/08/08  NAD (by CVES)
	(by CVES)
65-02 <b>No</b>	(by CVES)
Bulk Material 5 %	on 02/08/08
65-03 <b>No</b>	NAD
•••	(by CVES) by Olga K. Katsuk on 02/08/08
us, Bulk Material	011 02/00/00
35-04 <b>No</b>	NAD
D # 44 4 8 4	(by CVES) by Olga K. Katsuk on 02/08/08
- E	No us, Bulk Material

Other Material: Non-fibrous 100 %

## **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No.	/ HGA Lab I	No. As	bestos Present	Total % Asbestos
3482	9080211	65-05	No	NAD
l	Location: Gypsum Joint Compound			(by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: White, Homogeneous, Non-Fibro stos Types: er Material: Non-fibrous 100 %	ous, Bulk Material		
3483	9080211	65-06	No	NAD
1	Location: Gypsum Joint Compound			(by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: White, Homogeneous, Non-Fibro stos Types: er Material: Non-fibrous 100 %	ous, Bulk Material		
3484	9080211	65-07	No	NAD
	Location: 2x2 Smooth Pinhole Ceili			(by CVES) by Olga K. Katsuk on 02/08/08
Asbe	Description: White, Heterogeneous, Fibrous, stos Types: er Material: Cellulose 25 %, Fibrous glass 20		%	
3485	9080211	65-08	No	NAD
	Location: 2x4 Fiss. Sq. C.P.			(by CVES) by Olga K. Katsuk on 02/08/08
	Description: White, Heterogeneous, Fibrous, stos Types:	Bulk Material		
Oth	er Material: Cellulose 30 %, Fibrous glass 20	0 %, Non-fibrous 50	%	
3486	90802116	5-09L1	No	NAD
	Location: Lt. Blue Floor Sheeting			(by CVES) by Olga K. Katsuk on 02/08/08
-	Description: Blue, Heterogeneous, Fibrous, F	looring		
	stos Types: er Material: Cellulose 20 %, Non-fibrous 80 °	%		
3486	90802116	5-09L2	No	NAD
	Location: Lt. Blue Floor Sheeting			(by CVES) by Olga K. Katsuk
				on 02/08/08

## **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No. / I	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
3487	Location: 12" Gray		No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos	-	ous, Non-Fibrous, Flooring		
	mment: No Mastic found			
3488	Location: 12" White	908021165-11 Floor Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos		eous, Non-Fibrous, Flooring		
Cor	nment: No Mastic found			228750
3489 2	Location: Fireproofi	908021165-12 ng	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos		eous, Fibrous, Bulk Material Non-fibrous 20 %		311 02/03/00
3490 2	Location: Fireproofi	908021165-13 ng	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbestos		eous, Fibrous, Bulk Material Non-fibrous 20 %		SII 02/35/00
3491		908021165-14	No	NAD
2	Location: Fireproofin	ng		(by CVES) by Olga K. Katsuk on 02/08/08
Analyst Desc Asbestos	Types:	eous, Fibrous, Bulk Material		

## **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Tech. Bldg

Client No.	. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
3492 2	Location: Fireprod	908021165-15 ofing	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbes	Description: White, Heterog stos Types: er Material: Cellulose 85 %	eneous, Fibrous, Bulk Materia , Non-fibrous 15 %	al	
3493 2	Location: Fireprod	908021165-16 ofing	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbes	Description: White, Heterogostos Types: er Material: Cellulose 85 %,	eneous, Fibrous, Bulk Materia	al	
3494	Location: Octogar	908021165-17 Lab Counter	No	NAD (by CVES) by Olga K. Katsuk on 02/08/08
Asbes	lescription: Blue, Heteroger stos Types: er Material: Non-fibrous 100	neous, Non-Fibrous, Cementi ) %	tious, Bulk Material	311 02/03/00
3495 Analyst D	Location: Rectang	908021165-18 ular Lab Counter neous, Non-Fibrous, Cementii	<b>No</b> tious, Bulk Material	NAD (by CVES) by Olga K. Katsuk on 02/08/08
	stos Types: er Material: Non-fibrous 100	) %	·	

**Reporting Notes:** 

Analyzed By: Olga K. Katsuk

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

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AMERI SCI	AMERISCI LOS ANGELES CHAIN OF CUSTODY RECORD	AMERISCI JOB NO:	908021165-	PAGE OF
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ww.amerisci.com	24416 S Main St, # 308, Carson, CA 90745 Phone (310)834-4868 Fax (310)834-4772	RUSH 24 HR	] RUSH 🔲 24 HR 🔲 48 HR 🌊 3 DAY 📗 5 DAY 🦳 7 DAY	
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## CIL ENVIKUNIMENTAL SERVICES FIELD BULK SAMPLE LIST

8000-191 SMMUSD PROJECT NAME: CLIENT: PROJECT NO.:

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Technician: V. Sanker Date: 4-2-07
Page: 1 of 5

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## CIT EINTROMMENTAL SERVICES FIELD BULK SAMPLE LIST

Technician: N. Sand 5 ななるの. CLIENT:

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# CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

SMHUSD

8000-401

PROJECT NO.:
PROJECT NAME: 5-1/4

CLIENT:

Technician: V. Sanetre

Date: 4-2-07
Page: 2 of \$\inf\$

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
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## CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

SHMODD CLIENT: _

3002-10 PROJECT NO .:

PROJECT NAME: Sea

Technician: V. Saudez.
Date: 4 - 2-07

Date: 4-2
Page: 4 of S

D		3							
Œ		M							
EST. QTY.		300							
MATERIAL LOCATION	wat observed	Thosas 107 SUME	1907-5412E.	407 Observel.					
SAMPLE LOCATION	20 chyslile		(so you tell deported	all was a series					
SAMPLE #	783001 \$ 822	188201	783301 022	18461	783.73		3	1	
MATERIAL	Fums hood Ching	& cab to counter	lab to contu	paint cooking					
PHOTO #	10-30 SUS	040	1/2-06	ST S					

## CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

V. Sanher

PROJECT NO.:
PROJECT NAME:

CLIENT:

Technician: N. Sander

Date: 4-2-03
Page: 5 of 5

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	F	D
NAD	Duct non lotion	1800 S		bot bearred.			
NAD	Cyper Lond wol	TOOSKA 1	The state of the s	TIPED STUSIDEWALL PARISTION TIES.	\$ 700	2	4
NAD	Compose tous birt 18/2801	7892BO1 4 031					
NAO	Dowsto water	TB0301	(fr hay lang)	mechanical (men) +105			
-	Heat with moulthat Boyor	TBOYOI	(Tuestont)	(Mechru + 12)			
MAD	Pange Pletar will	180001 1 032	Jako se se a Janoassang	bity 1860 , and put son and			
3	Direst pandler good	100301		p. courses			
MAO	MAC	120001 140001		pos observed			
WAP	720	10000 20000		was absensed			
MAD	12 rondon profest	78 FE !		POOT observed			
NAD	Northe associated	TB14014 02.4 23.4		pos obsered		2	-3
3%	9" bay clar 66	181201	Webs 115.	Beenewale		/	>
	C. Carrie		MN1.6 1/10				



### AmeriSci Los Angeles

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

February 8, 2008

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

RE: CTL Environmental Services Job Number 908021163

P.O. #107-0008

107-0008; SMMUSD; St. Monica High / English Bldg

### Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

E-01, E-02, E-03, E-04, E-05, E-06, E-07, E-08, E-09, E-10, E-11, E-12, E-13, E-14, E-15, E-16, E-17, E-18, E-19, E-20, E-21, E-22, E-23, E-24, E-25

The 25 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

7

Mary S. David

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

## **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/08/08

AmeriSci Job #

908021163

02/08/08 Date Examined

P.O. #

1 **of** 

**Page** RE: 107-0008; SMMUSD; St. Monica High / English Bldg

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
E-01	908021163-01	No	NAD
	Plaster Ceiling		(by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Beige, Asbestos Types: Other Material: Non-fil	Heterogeneous, Non-Fibrous, Cement prous 100 %	litious, Plaster	
E-02	908021163-02	No	NAD
1 Location:	Plaster Ceiling		(by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Beige, Asbestos Types: Other Material: Non-fil	Heterogeneous, Non-Fibrous, Cement prous 100 %	titious, Plaster	
E-03	908021163-03L1	No	NAD
1 Location:	Plaster Ceiling		(by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Black/ Asbestos Types: Other Material: Non-fil	Grey, Homogeneous, Non-Fibrous, Bas prous 100 %	secove	
Comment: No pla			
E-03	908021163-03L2	No	NAD
1 Location:	Plaster Ceiling		(by CVES) by Arturo A. Aldana on 02/08/08
Analyst Description: Beige, Asbestos Types:	Heterogeneous, Non-Fibrous, Mastic		
Other Material: Non-fit	prous 100 %		

## **PLM Bulk Asbestos Report**

Client	No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
E-04	Location: 12"	908021163-04L1 Ceiling Tile & Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	lyst Description: Brown, Het Asbestos Types: Other Material: Cellulose 4	erogeneous, Fibrous, Ceiling Tile 4 %, Non-fibrous 56 %		5.1. 62.163
E-04	Location: 12"	908021163-04L2 Ceiling Tile & Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	lyst Description: Dark Yellov Asbestos Types: Other Material: Non-fibrous	v, Heterogeneous, Non-Fibrous, G s 100 %	Glue	
E-05	<b>Location</b> : Bro	908021163-05 wn Flooring	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	lyst Description: Brown, Het Asbestos Types: Other Material: Cellulose 3	erogeneous, Fibrous, Flooring 1 %, Non-fibrous 69 %		
E-06	Location: Car	908021163-06 pet Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	lyst Description: Yellow, He Asbestos Types: Other Material: Non-fibrous	erogeneous, Non-Fibrous, Glue		0.11 0.22 0.00
E-07	<b>Location</b> : Dry	908021163-07 wall	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	Asbestos Types:	n, Heterogeneous, Fibrous, Drywrace, Fibrous glass Trace, Non-f		
<b>E-08</b>		908021163-08 wall Jt. Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	lyst Description: Off-White, Asbestos Types: Other Material: Non-fibrous	Heterogeneous, Non-Fibrous, Joir s 100 %	nt Compound	

Page 3 of 6

AmeriSci Job #: 908021163

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

Clie	nt No. / HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
E-09 2	Location: Drywanalyst Description: Off-White, He		<b>No</b> nt Compound	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	Other Material: Non-fibrous 1	00 %		
E-10 2	<b>Location</b> : Drywa	908021163-10 II Jt. Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Ar	nalyst Description: Off-White, He Asbestos Types: Other Material: Non-fibrous 1		nt Compound	
E-11 3	<b>Locatio</b> n: Drywa	908021163-11 Il Joint Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Ar	nalyst Description: Off-White, He Asbestos Types: Other Material: Non-fibrous 1	=	nt Compound	
E-12 3	Location: Drywa	908021163-12 Il Joint Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Ar	nalyst Description: Off-White, He Asbestos Types: Other Material: Non-fibrous 1		nt Compound	011 02/00/00
E-13 3	<b>Location</b> : Drywa	908021163-13 Il Joint Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
An	nalyst Description: Off-White, He Asbestos Types: Other Material: Non-fibrous 10		nt Compound	011 02/00/00
E-14	<b>Location</b> : Drywa	908021163-14 Il Joint Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
3				

## **PLM Bulk Asbestos Report**

Client No. / I	HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
E-15	Location: Fire Door		No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbesto	s Types:	ogeneous, Fibrous, Fireproof ibrous glass 2 %, Non-fibrou	19	
E-16	Location: 12" White	908021163-16L1	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	-	eous, Non-Fibrous, Floor Tile %		
E-16	Location: 12" White	908021163-16L2 Floor <b>T</b> ile	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos		eous, Non-Fibrous, Mastic %		
E-17	Location: 12" Gray	908021163-17L1 Floor Tile	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos		ous, Non-Fibrous, Floor Tile		
E-17	Location: 12" Gray	908021163-17L2 Floor Tile	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	•	eous, Non-Fibrous, Mastic %		311 02/30/00
E-18	Location: 12" Blue F	908021163-18L1 Floor Tile	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos		ous, Non-Fibrous, Floor Tile		5.1. 5 <b>.2.</b> 5.3, <b>0.0</b>

## **PLM Bulk Asbestos Report**

Client No. / I	IGA	Lab No.	Asbestos Present	Total % Asbestos
E-18	Location: 12" Blue Floo		No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	ription: Yellow, Heterogened Types: laterial: Non-fibrous 100 %	ous, Non-Fibrous, Mastic		
E-18	Location: 12" Blue Floo	908021163-18L3 or Tile	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	ription: Grey, Heterogeneou Types: laterial: Non-fibrous 100 %	s, Non-Fibrous, Underlay	ment	
E-19	Location: Red Flooring	908021163-19	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	ription: Brown, Heterogeneo Types: laterial: Cellulose 6 %, Non-			
E-20	Location: Brown Floori	908021163-20L1 ng w/Barrier Paper	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	ription: Brown, Heterogeneo Types: laterial: Cellulose 6 %, Non-			0.11 0.21 0.01 0.01
E-20	Location: Brown Flooring	908021163-20L2 ng w/Barrier Paper	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	ription: Black, Heterogeneou Types:  aterial: Cellulose 14 %, Nor			
E-21 4	Location: Stucco	908021163-21	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
Asbestos	ription: Grey/White, Heterog Types: aterial: Non-fibrous 100 %	eneous, Non-Fibrous, Ce	ementitious, Stucco	

## **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / English Bldg

Clier	it No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
E-22 4	Location: Stucco	908021163-22	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
An	alyst Description: Grey/White, Heterog Asbestos Types: Other Material: Non-fibrous 100 %	geneous, Non-Fibrous, C	ementitious, Stucco	
E-23 4	Location: Stucco	908021163-23	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
An	alyst Description: Grey/White, Heterog Asbestos Types: Other Material: Non-fibrous 100 %	geneous, No <b>n</b> -Fibrous, C	ementitious, Stucco	GH 02/00/00
E-24 4	Location: Stucco	908021163-24	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
An	alyst Description: Grey/White, Heterog Asbestos Types: Other Material: Non-fibrous 100 %	geneous, Non-Fibrous, C	ementitious, Stucco	011 02/06/08
E-25 4	Location: Stucco	908021163-25	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
An	alyst Description: Grey/White, Heterog Asbestos Types: Other Material: Non-fibrous 100 %	geneous, Non-Fibrous, C	ementitious, Stucco	011 02100/00

**Reporting Notes:** 

Analyzed By: Arturo A. Aldana

; Date Analyzed: 2/8/2008

1-8-08

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

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

164-0008 SMMUSD CLIENT:
PROJECT NO.:

Technician: V. Sueler

Guglish bldg Date: 4-4-87

Page: 1 of 3

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Technician: N. Sawler Date: 4-4-67

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FIELD BULK SAMPLE LIST

Southa Houra 8000-401 ろれれいかび PROJECT NAME: CLIENT: PROJECT NO: _

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Technician: 1. Sauler

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

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### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

### FACSIMILE TELECOPY TRANSMISSION

To: Cesar R.

CTL Environmental Services

Fax #: (310) 530-0792

Email:

From:

Olga K. Katsuk

AmeriSci Job #:

Client Project:

908021164

Subject:

PLM 3 day Results

107-0008; SMMUSD; St. Monica

High / Science (Report Amended

6/19/2008)

Date:

Thursday, June 19, 2008

Time: 13:08:07

Comments:

Number of Pages:

(including cover sheet)

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### **PLM Bulk Asbestos Report**

**CTL Environmental Services** 

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

Date Received 02/08/08

Date Examined 02/08/08

AmeriSci Job No. 908021164

P.O. # 107-0008

Page of 1

RE 107-0008; SMMUSD; St. Monica High / Science

(Report Amended 6/19/2008)

Client No. / HGA

Lab No.

**Asbestos Present** 

Total % Asbestos

3501

908021164-01

No

NAD

Location: 2x4 Fiss. C.P.

(by CVES) by Olga K. Katsuk

on 02/08/08

Analyst Description: White, Heterogeneous, Fibrous, Bulk Material

**Asbestos Types:** 

Other Material: Cellulose 30 %, Fibrous glass 20 %, Non-fibrous 50 %

Location: Blue Rectangular Counter

3502

908021164-02

No

NAD

(by CVES) by Olga K. Katsuk

on 02/08/08

Analyst Description: Blue, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material

Asbestos Types:

Other Material: Non-fibrous 100 %

3503

3496

908021164-03

908021164-04

No

NAD

(by CVES)

by Olga K. Katsuk on 02/08/08

Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material

Location: Carpet

Asbestos Types:

Other Material: Non-fibrous 100 %

No

NAD

(by CVES)

by Olga K. Katsuk

Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound

Location: Drywall Jt. Compound

**Asbestos Types:** 

Other Material: Non-fibrous 100 % Comment: No Drywall found

on 02/08/08

See Reporting notes on last page

AmeriSci Job #: 908021164

See Reporting notes on last page

Client Name: CTL Environmental Services

Page 2 of 3

## **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Science (Report Amended 6/19/2008)

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
3497	908021164-05	No	NAD (by CVES)
	Location: Drywall Jt. Compound		by Olga K. Katsuk
Analyst Description: Asbestos Types:	White, Homogeneous, Non-Fibrous, Joint C	Compound	on 02/08/08
Other Material:	Non-fibrous 100 %		
Comment:	No Dtywali found		
3498	908021164-06	No	NAD
	Location: 12" Gray Floor Tile		(by CVES) by Olga K. Katsuk
Asbestos Types:		aterial	on 02/08/08
Other Material:	Non-fibrous 100 %		
Comment:	No Mastic found		
3499	908021164-07L1	No	NAD
	Location: 12" Lt. Gray Floor Tile		(by CVES) by Olga K. Katsuk
Analyst Description: Asbestoe Types;	Grey, Homogeneous, Non-Fibrous, Flooring	g	on 02/08/08
	Non-fibrous 100 %		
3499	908021164-07L2	No	NAD
	Location: 12" Lt. Gray Floor Tile	n an	(by CVES) by Olga K. Katsuk
Analyst Description: Asbestos Types:	Beige, Homogeneous, Non-Fibrous, Mastic		on 02/08/08
Other Material:	Non-fibrous 100 %		1
3500	908021164-08L1	No	NAD
	Location: 12" White Floor Tile		(by CVES) by Olga K. Kateuk
Analyst Description: Asbestos Types:	White, Homogeneous, Non-Fibrous, Flooring	ng	on 02/08/08
Other Material:	Non-fibrous 100 %		

AmeriSci Job #: 908021164

Client Name: CTL Environmental Services

Page 3 of 3

### **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Science (Report Amended 6/19/2008)

Client No. / HGA

Lab No.

**Asbestos Present** 

**Total % Asbestos** 

3500

3504

908021164-08L2

908021164-09

No

NAD

(by CVES) by Olga K. Katsuk on 02/08/08

Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic

**Asbestos Types:** 

Other Material: Non-fibrous 100 %

No

NAD

Location: HVAC Joint Compound

Location: 12" White Floor Tile

(by CVES)

by Olga K. Katsuk on 02/08/08

Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material

**Asbestos Types:** 

Other Material: Non-fibrous 100 %

**Reporting Notes:** 

Analyzed By: Olga K. Katsuk / O - K : Date Analyzed: 2/8/2008 6 120 0

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

Reviewed By: 6/20/07

Notes: प्रशिष्ट FEMP UPON RECEIPT: P. DATE DATE DATE SE SE 2 PAGE Chicampour P.O.# べつゆう Carabon 1000 RUSH 🗌 24 HR 📋 48 HR 🏹 3 DAY 📋 5 DAY 📋 7 DAY YOU **I**--4 Bur Acrem 8 9 S andell 90802 3 244 SAMPLE PHAT LOGIN ECENTED FOR LABORATORY BY 4 470 GEND (B) OR COMPOSITE (B) N SAMPLING INFORMATION ECENEU BY: (PROV) DECEMBED BY: (PRINT) TECH CCNTANER: P-PLASTIC G PROJECT AMERISCI JOB NO: DATA PACKAGE GLASS V-VOA 430 M See SEN DUE DATE DATE 80/8/C 3MG Pholect 107-0008 FAX2: MATRIX: A-WATER S-SOIL/SOLDS SL-SLUDZE DIL-On, CH-CHIPS WI-WIPES CAR. 24416 S Main St. # 308, Carion, CA 90745 Phone (310)834-4868 Fax (310)834-4772 CONTAINER TYPE 3 AMERISC! LOS ANGELES CHAIN OF CUSTODY RECORD SIZE 4 EMAL: MATRIX 多市 PROJECT SI MANIO BOL - SCIONO Fax 1: A COL INPLED BY: (PRENT) 11. Am Saucilea CLIENT SAMPLE くろうなってい DENTIFICATION 3499 302 3453 345% 3500 3504 C-CASSETTES W-WASTE O-OTHER 108 CR CONTACT: (ASS. yrww.amoniscr.com AMERI SCI RELINGUISHED BY: (PRO) COMPANT: ADDRESS 20 PHONE: CLERT ELINOR Brand See

## CIL ENVIKUNMENTAL SERVICES FIELD BULK SAMPLE LIST

2 3. 2 3 2 २ Technician: N. Samber. 3 2 2 1 3 3 ナップ・ス Page: 2 of 5 5 12,72 285 SAFT 59.7 223 28.19 29. 15000 13000 5200 0000 600 1300 EST. QTV. 100 SION prepru elecrusione, quis, sios siosa Date: 3102, 5100P, 5100 5 200 5 200P 5 202 58 MP 5002 5000 5200 5202 5 dhors 52md prepring 5107, 5105 \$105 , 5104, 5102 P, 5102A. Prepria 5107, 5105 \$105A \$104, 5102P, 5102A HULC SELLE ho25 2025 0025 0015 2015 ho15 4016 5201 \$ 2018 5803 5 200 8 5205 5102, 5100P, 15T & END For harlungs 1025 hors dro25 2024 20025 0025 )Cleare 5 20x 2 Ches 5207 PUT THELINES MATERIAL LOCATION between 4201 P, 5209, 5205 P 1205. 5001, \$023, 5205P,520\$ 5205 SIOH, 5102 & 5102A prepring 5, consider rechessia 15T & 220 5201,5205 4025 220 mechanical po Hellway western SAMPLE LOCATION 5107 S/W. s/E 3/07 5/E 3107 FOIS 200 マンゴ 5 Death Menes 3500 3497 Pruhole ceremy pand Teinhildy 3498 22.52 25.52 25.52 25.52 3496 3499 3504 SAMPLE 5×136 107-000% gring 2 pelled 人スストング 11, who to floor HVAC Tour 12" Lightam Jour comp tloor sheetm 2x2 smooth Light blue MATERIAL PROJECT NAME: drywalls Fry tile PROJECT NO .: ナンと CLIENT: 2826 202901 203 3480 3483 **PHOTO** 348)

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# CIL ENVIRONMENTAL SENVICES

FIELD BULK SAMPLE LIST

SMKUSD ... CLIENT: SALP
PROJECT NO.:
PROJECT NAME:

Bldg

Date: 4-3-07

Bldg Page: 20125

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SAMPLE LOCATION					\$101 crn.		5403 WE	SIOIA CTR.	Same as	1 1		
SAMPLE #	tech veds	454	teh 11du		3501		3502	3503	Pos	- Garage	Anna Sed	Lawar
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PHOTO #												

## CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT:

PROJECT NAME: Sook Manie 1882 - Sume Builder

Technician: V. Sculuz

Date: 4-5-6

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	11000 N						T		
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SAMPLE LOCATION	Messen								
SAMPLE #	8.28 7 8.32 7								
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РНОТО #	2-3%			1				- 1	

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT:

PROJECT NO.:

V. Suly Date: 4-5-6 Technician:

PHOTO #	MATERIAL	SAMPLE #	SAMPLE LOCATION	MATERIAL LOCATION	EST. QTY.	Œ	Q
25-37	Ton Choberom	1-1-1	Removal				
MAD	13° bran flow 6'6	1-213	nlex mode				
7-10/c	9" broan los hit	18-18	Russel				
T-NAD	12" 6" - 10 - 16	8-41		5103,5107	1600	2	2
CAN-N	low gran	15-12		S103 5101c(an's), 5101P, 5101	2400 99.FT	3	2
0/01-2	gareagler Alex	1-9-105	7 consolar				
0701	0	1-6-15	1 cooled				
651	Sink undergraphing	1.8-1	prised				
NAD	comparations appropriate	1-513000	Not observed				
PRD	Smoot destar	1-0-1 46.0-1	SC1-103 PEM SC1-10-10	5105 5101C, 5101P, 5101A, 5101B, 5107, 5101	6700 54.54	2	3
B-NAP M-NAP	81.4 brokes	3-1 -42		101M, 5101P.	450	3	3
B-NAP	Bran-	5012-1	Rewood				

# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

CLIENT:

Technician: N. Sauler

PROTE	PRO IECT NO			Date:	7	3-07		
PROJE	PROJECT NAME: 5.4	Morion	- 15th .	Page:	M	aL	1	
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3	New steem (Un-	1-81195		505, 5015	5			I
Z Z	hobd				ec.			
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D AD	2	6-3			32		5	
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2000	15-mg	4.8					_	T
20%		1-61175	Not observed	(new Four how observed)				
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NAD	Cerling Danel	1-3						Т
%D	HAR duct lowt	Sta-1	pos observel					
Doc.	A A	1						



### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 11, 2008

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

RE: CTL Environmental Services Job Number 908021166

P.O. #107-0008

107-0008; SMMUSD; St. Monica High / Language Arts

### Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

L01, L02, L03, L04, L05, L06, L07, L08, L09, L10, L11, L12, L13, L14, L15, L16, L17

The 17 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci,

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

Sin

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

# **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

Date Received 02/0

02/08/08

AmeriSci Job #

908021166

Date Examined 02/08/08

P.O. # Page

1

of 5

RE: 107-0008; SMMUSD; St. Monica High / Language Arts

Client No.	/ HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
_	•	908021166-01 arpet Glue eterogeneous, Non-Fibrous, Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/08/08
	stos Types: er Material: Non-fibrou	us 100 %		
L02	Location: 12	908021166-02L1 " Blue Floor Tile	No	NAD (by CVES)
	Location. 12	Dide Floor Flie		by Arturo A. Aldana on 02/08/08
Asbes	escription: Blue, Hom stos Types: er Material: Non-fibrou	ogeneous, Non-Fibrous, Floor Tile		
L02	Location: 12	908021166-02L2 ' Blue Floor Tile	No	NAD (by CVES) by Arturo A. Aldana
Asbes	escription: Yellow, Hestos Types: er Material: Non-fibrou	eterogeneous, Non-Fibrous, Mastic		on 02/08/08
L02		908021166-02L3	Yes	5 %
	Location: 12	' Blue Floor Tile		(by CVES) by Arturo A. Aldana on 02/08/08
Asbes	escription: Black, Het stos Types: Chrysotile er Material: Non-fibrou			on obtained
L03		908021166-03	No	NAD
	<b>Location</b> : Dry			(by CVES) by Arturo A. Aldana on 02/08/08
Asbes	tos Types:	wn, Heterogeneous, Fibrous, Drywall		
Othe	er Material: Cellulose 3	3 %, Fibrous glass Trace, Non-fibro	us 97 %	

# **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
L04	·	908021166-04 vall Jt. Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbest	scription: Off-White, Fos Types: Material: Non-fibrous	leterogeneous, Non-Fibrous, Joii 100 %	nt Compound	
L05		908021166-05 C Joint Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbest	scription: Off-White, H os Types: · Material: Non-fibrous	eterogeneous, Non-Fibrous, Joir 100 %	nt Compound	
L06	Location: 12" V	908021166-06L1 Vhite Floor Tile	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbest	scription: Off-White, Hos Types: Material: Non-fibrous	omogeneous, Non-Fibrous, Floo 100 %	r Tile	
L06	Location: 12" V	908021166-06L2 Vhite Floor Tile	Yes	4 % (by CVES) by Arturo A. Aldana on 02/11/08
Asbest	scription: Black, Heter os Types: Chrysotile 4 Material: Non-fibrous			
L07	Location: 12" [	908021166-07L1 bk. Gray Floor Tile	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbest	scription: Blue, Homogos Types: Material: Non-fibrous	eneous, Non-Fibrous, Floor Tile		011 02/11/06
L07	Location: 12"	908021166-07L2 k. Gray Floor Tile	Yes	4 % (by CVES) by Arturo A. Aldana on 02/11/08
Asbeste	scription: Black, Heterors Types: Chrysotile 4 Material: Non-fibrous			

# **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Language Arts

Client No.	/ HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
L08	Location: 12" F		No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbes	stos Types:	White, Heterogeneous, Fibrous, %, Fibrous glass 10 %, Non-fil		
L09	Location: 4" Bla	908021166-09L1 ack Covebase & Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbes	escription: Black, Homo itos Types: er Material: Non-fibrous 1	geneous, Non-Fibrous, Cove Ba	se	
L09	Location: 4" Bla	908021166-09L2 ck Covebase & Glue	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbes	escription: Dark Brown / itos Types: er Material: Non-fibrous 1	Yellow, Heterogeneous, Non-Fi	brous, Mastics	
L10	<b>Location</b> : 4" Tal	908021166-10L1 n Covebase & Mastic	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbes	escription: Grey, Homog itos Types: er Material: Non-fibrous 1	eneous, Non-Fibrous, Cove Bas	se	
L10	Location: 4" Tai	908021166-10L2 n Covebase & Mastic	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Asbes	escription: Dark Brown, tos Types: er Material: Non-fibrous 1	Homogeneous, Non-Fibrous, Ma	astic	511 0E/11/00
L10	Location: 4" Tar	908021166-10L3 n Covebase & Mastic	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
	escription: White, Heterotos Types:	geneous, Non-Fibrous, Underla	yment	

Page 4 of 5

Client Name: CTL Environmental Services

# **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
	908021166-11 4" White Flooring	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Light G Asbestos Types: Other Material: Non-fib	rey, Heterogeneous, Non-Fibrous, Vii rous 100 %	nyl Flooring	
L12 Location:	908021166-12L1 4" Lt. Gray Covebase	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Green, Asbestos Types: Other Material: Non-fibr	Homogeneous, Non-Fibrous, Cove B rous 100 %	ase	
L12 Location:	908021166-12L2 4" Lt. Gray Covebase	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Yellow, Asbestos Types: Other Material: Non-fibr	Heterogeneous, Non-Fibrous, Mastic		
L13 Location:	908021166-13 Drywall Jt. Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, I Asbestos Types: Other Material: Non-fibr	Heterogeneous, Non-Fibrous, Joint Co ous 100 %	ompound	
_14 Location: (	<b>908021166-14</b> Orywall Jt. Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, H Asbestos Types: Other Material: Non-fibr	deterogeneous, Non-Fibrous, Joint Co	ompound	011 02/11/00
_15 Location: (	908021166-15 Drywall Jt. Compound	No	NAD (by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: White, F Asbestos Types: Other Material: Non-fibr	leterogeneous, Non-Fibrous, Joint Co	ompound	UII UZ/ I 1/UO

## **PLM Bulk Asbestos Report**

107-0008; SMMUSD; St. Monica High / Language Arts

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
L16	908021166-16	No	NAD
	on: Drywall Jt. Compound		(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Wh Asbestos Types: Other Material: Nor	ite, Heterogeneous, Non-Fibrous, Joint Co	ompound	
L17	908021166-17L1	No	NAD (by CVES)
			by Arturo A. Aldana on 02/11/08
Analyst Description: Gre Asbestos Types: Other Material: Nor	ey, Homogeneous, Non-Fibrous, Floor Tile n-fibrous 100 %		311 02/11/00
L17	908021166-17L2	Yes	4 %
Locatio	on: 12" Floor Tile		(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Blac Asbestos Types: Chr Other Material: Nor	-		3.1 32.7 1100
L17	908021166-17L3	No	NAD
	on: 12" Floor Tile		(by CVES) by Arturo A. Aldana on 02/11/08
Analyst Description: Yell Asbestos Types: Other Material: Nor	ow, Heterogeneous, Non-Fibrous, Mastic		

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

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

PROJECT NAME: Sout Movice there -8000-+21 るれれ四つ CLIENT:
PROJECT NO.:

Technician: V. Sanden Date:

Date: 4-3-07
Page: 1 of 5

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

SHAUSD CLIENT:

Technician: V. Sauler.

PROJECT NAME: Sich Manca H	Homa H	1	2 - Cauguago Bu	May have bildy	Date: 4-3-6 Page: 2 of 5	5 Jo 2		/
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# CIL ENVIKUNIMENTAL SERVICES FIELD BULK SAMPLE LIST

5 M MUSD. 107-0008 CLIENT: PROJECT NO.:

PROJECT NAME: Santa House

Technician: V. Sula 4-3-07 Lauguze/Libury Date: 4-3-0 Blds Page: 3 of S

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# CIL ENVIKUNIMENTAL SERVICES FIELD BULK SAMPLE LIST

8000-201 SMHU39. CLIENT: S & PROJECT NO: PROJECT NAME:

Souta Houch

Language Lhrun bldg.

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

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# CIL EINVIKUINIVEINIAL SERVICES FIELD BULK SAMPLE LIST

Technician: 1. Santar Date: 4-307
Page: 5 of 5. Lauguage Libran Santa Homer 14.5 5MMU39. 8000-tol PROJECT NO.:
PROJECT NAME: CLIENT:

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

2 Q S Technician: V-Soula 1 À 52,13 89, Fz 13.65 39 A 24.27 300 300 1000 .09 EST. QTY. 207 400 Page: \ of Date: / In dody elex ru) anstoria ma of storage & stonager CUSTOBIAL P. H. & STORYS P.M. ast-wull desoffer. Down (custosian blay pluster walls & MATERIAL LOCATION custopha Plu Chother worth 12005 ROOF Dover Training くしょ ての/まり かか SAMPLE LOCATION SCROUN 50. CTR なな 10001 076301 1 002 PROJECT NAME: Santa Monion DT-0201 PT6201 1 022 1 223 SAMPLE Cupsum board (C.O) 3000 to1 5 mm us D. Rogins composte Calling plesta xtone space 1 (=5h2 hg MATERIAL PROJECT NO.: Day CLIENT: ار اد-ادی PHOTO # SPS PAD A. ğ

# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

Œ, EST. QTY. Page: Technician: Date: MATERIAL LOCATION SAMPLE LOCATION S0000 50000 540301 J 032 Sportol Special 1 5080ds sp.010. 104845 SAMPLE # Santa Maria Conentroon cally Spord Deg mashe (at.t. Dog mostic (Black Estance Shao Rateria Salout 131 Ce. /149 A'6 HAC Ves MATERIAL PROJECT NAME: m. fanci PROJECT NO.: CLIENT: PHOTO # NAD J'ex NAD 19° DAY MAD 4



### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 CARSON, CA 90745

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

February 8, 2008

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

RE: CTL Environmental Services Job Number 908021162 P.O. #1007-0008

1007-0008; SMMUSD; St. Monica High School / North/So. Gyms

### Dear Cesar R.:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Friday, February 08, 2008, for a 3 day turnaround:

NPS-01, NPS-02, NPS-03, NPS-04, NPS-05, NPS-06, NPS-07, NPS-08, NPS-09, NPS-10, NPS-11, NPS-12, NPS-13, NPS-14, NPS-14A, NPS-15, NPS-15A, NPS-16, NPS-17, NPS-18, NPS-19, NPS-20, NPS-21, NPS-22, NPS-23, NPS-24, NPS-25, NPS-26, NPS-27, NPS-28, NPS-29, NPS-30, NPS-31, NPS-32, NPS-33, NPS-34, NPS-35

The 37 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

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

Sm∤cerely,

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

## **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: Cesar R.

24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/08/08

AmeriSci Job #

908021162

02/08/08 **Date Examined** 

P.O. #

Page 1 of

RE: 1007-0008; SMMUSD; St. Monica High School / North/So.

Gyms

Client No.	/ HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
NPS-01	<b>Location</b> : Drywa	908021162-01	No	NAD (by CVES) by Paola Ducoing
Asbes	tos Types:	eterogeneous, Fibrous, Bulk Ma		on 02/08/08
NPS-02		908021162-02	No	NAD
1	<b>Location</b> : Drywa			(by CVES) by Paola Ducoing on 02/08/08
Asbes	escription: Beige, Homo tos Types: r Material: Non-fibrous 1	geneous, Non-Fibrous, Joint Co	ompound	
C	Comment: Drywall not fo	und in sample.		
NPS-03		908021162-03	No	NAD
1	<b>Location</b> : Drywa	ll Jt. Compound		(by CVES) by Paola Ducoing on 02/08/08
Asbes	escription: Beige, Homo tos Types: r Material: Non-fibrous 1	geneous, Non-Fibrous, Joint Co	ompound	
	Comment: Non-librous i			
			Na	NIAD
NPS-04 1	Location: Drywa	908021162-04 II Jt. Compound	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbest	escription: Beige, Homo tos Types: r Material: Non-fibrous 1	geneous, Non-Fibrous, Joint Co	ompound	011 02/00/00
	Comment: Drywall not fo			

# **PLM Bulk Asbestos Report**

Client No. / H	GA Lat	No.	<b>Asbestos Present</b>	Total % Asbestos
NPS-05 1	90802 Location: Drywall Jt. Compound	1162-05	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos	r <mark>iption:</mark> Beige, Homogeneous, Non-Fi <b>Types:</b> aterial: Non-fibrous 100 %	brous, Joint Co	mpound	
Con	ment: Drywall not found in sample.			
NPS-06 1	90802 Location: Drywall Jt. Compound	1162-06	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos	<b>ription</b> : Beige, Homogeneous, Non-Fi <b>Types:</b> a <b>teria</b> l: Non-fibrous 100 %	brous, Joint Co	mpound	
Com	ment: Drywall not found in sample.			
NPS-07 1	90802 Location: Drywall Jt. Compound	1162-07	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos	iption: Beige, Homogeneous, Non-Fi Types: aterial: Non-fibrous 100 %	brous, Joint Co	mpound	SII
Con	ment: Drywall not found in sample.			
NPS-08 1	90802 Location: Drywall Jt. Compound	1162-08	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos	<b>iption:</b> Beige, Homogeneous, Non-Fi <b>Types:</b> aterial: Non-fibrous 100 %	brous, Joint Co	mpound	
Com	ment: Drywall not found in sample.			
NPS-09	908021 Location: 4" Black Cove Base &	162-09L1 Glue	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos	iption: Black, Homogeneous, Non-Fil Types: aterial: Non-fibrous 100 %	brous, Cove Ba	se	511 521 55/00

# **PLM Bulk Asbestos Report**

Client No. / HG/	Lab No.	Asbestos Present	Total % Asbestos
NPS-09	908021162-09L2 Location: 4" Black Cove Base & Glue	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Typ	on: Cream, Homogeneous, Non-Fibrous, Gluenes: ial: Non-fibrous 100 %		
NPS-09	908021162-09L3 <b>Location</b> : 4" Black Cove Base & Glue	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Typ	on: Beige, Homogeneous, Non-Fibrous, Skim C les: ial: Non-fibrous 100 %	Coat	311 32/33/33
NPS-10	908021162-10 Location: 2x4 Fiss. Ceiling Panel	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Typ	on: White/Grey, Heterogeneous, Fibrous, Bulk I les: ial: Cellulose 35 %, Mineral Wool 25 %, Non-fi		
NPS-11 2	908021162-11 <b>Location</b> : 4" Plaster	Yes	Trace (<1 %) (by CVES) by Paola Ducoing on 02/08/08
Asbestos Typ	on: Grey/White, Heterogeneous, Non-Fibrous, 0 es: Chrysotile <1. % ial: Non-fibrous 100 %	Cementitious, Bulk Material	0.7 02 00.700
NPS-12 2	908021162-12 Location: 4" Plaster	No	NAD (by CVES) by Paola Ducoing
Asbestos Typ	on: Beige, Heterogeneous, Non-Fibrous, Cemeres: ial: Non-fibrous 100 %	ntitious, Bulk Material	on 02/08/08
NPS-13	908021162-13 Location: Plaster	No	NAD (by CVES)
	Location: Plaster		by Paola Ducoing on 02/08/08

# **PLM Bulk Asbestos Report**

Cilent No.	/ HGA	Lab No.	Asbestos Present	<b>Total % Asbestos</b>
NPS-14		908021162-14	No	NAD
3	Location: Plaster			(by CVES) by Paola Ducoing on 02/08/08
Asbes	escription: Beige, Heterogene tos Types: r Material: Non-fibrous 100 %		titious, Bulk Material	
NPS-14A		908021162-15	No	NAD
3	Location: Plaster			(by CVES) by Paola Ducoing on 02/08/08
Asbest	escription: Beige, Heterogene tos Types: r Material: Non-fibrous 100 %		titious, Bulk Material	
NPS-15		908021162-16	No	NAD
3	Location: Plaster			(by CVES) by Paola Ducoing on 02/08/08
Analyst De	escription: Beige, Heterogene	ous, Non-Fibrous, Cemen	titious Bulk Material	
Asbest	tos Types: r Material: Non-fibrous 100 %		attous, punt material	
Asbest Othe	tos Types:		No No	NAD
Asbest Othe	tos Types:			NAD (by CVES) by Paola Ducoing on 02/08/08
Asbest Other NPS-15A 3 Analyst De Asbest	tos Types: r Material: Non-fibrous 100 %	908021162-17	No	(by CVES) by Paola Ducoing
Asbest Other  NPS-15A  3  Analyst De Asbest Other	tos Types: r Material: Non-fibrous 100 %  Location: Plaster escription: Beige, Heterogene tos Types:	908021162-17 ous, Non-Fibrous, Cemen	<b>No</b> titious, Bulk Material	(by CVES) by Paola Ducoing on 02/08/08
Asbest Other NPS-15A 3 Analyst De	tos Types: r Material: Non-fibrous 100 %  Location: Plaster escription: Beige, Heterogene tos Types:	908021162-17 ous, Non-Fibrous, Cemen	No	(by CVES) by Paola Ducoing
Asbest Other  NPS-15A  3  Analyst De Asbest Other  NPS-16  Analyst De Asbest	tos Types: r Material: Non-fibrous 100 %  Location: Plaster escription: Beige, Heterogene tos Types: r Material: Non-fibrous 100 %	908021162-17  sous, Non-Fibrous, Cemen  908021162-18L1  ovebase & Glue  ous, Non-Fibrous, Cove Ba	No titious, Bulk Material No	(by CVES) by Paola Ducoing on 02/08/08  NAD (by CVES) by Paola Ducoing
Asbest Other  NPS-15A  3  Analyst De Asbest Other  NPS-16  Analyst De Asbest Other	Location: Plaster escription: Beige, Heterogene tos Types: r Material: Non-fibrous 100 %  Location: 6" Black Co	908021162-17  sous, Non-Fibrous, Cemen  908021162-18L1  ovebase & Glue  ous, Non-Fibrous, Cove Ba	No titious, Bulk Material No	(by CVES) by Paola Ducoing on 02/08/08  NAD (by CVES) by Paola Ducoing
Asbest Other  NPS-15A  3  Analyst De Asbest Other  NPS-16  Analyst De Asbest	Location: Plaster escription: Beige, Heterogene tos Types: r Material: Non-fibrous 100 %  Location: 6" Black Co	908021162-17  sous, Non-Fibrous, Cemen 908021162-18L1 byebase & Glue  pus, Non-Fibrous, Cove Ba	No titious, Bulk Material No	(by CVES) by Paola Ducoing on 02/08/08  NAD (by CVES) by Paola Ducoing on 02/08/08

# **PLM Bulk Asbestos Report**

	HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-17		908021162-19 andom Peghole & Mastic	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbesto	scription: Brown/Tan, los Types: Material: Cellulose 60	leterogeneous, Fibrous, Bulk Ma %, Non-fibrous 40 %	terial	
NPS-18		908021162-20	No	NAD
	Location: Drywa	all s		(by CVES) by Paola Ducoing on 02/08/08
Asbesto	os Types:	eterogeneous, Fibrous, Bulk Mate 6, Fibrous glass 2 %, Non-fibrou		5.1.52.53.55
NPS-19	Location: 12" G	908021162-21L1 rey Speckled Floor Tile & Mastic	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbesto	scription: Grey, Homogos Types: Material: Non-fibrous 1	eneous, Non-Fibrous, Floor Tile		
NPS-19		908021162-21L2	No	NAD
	Location: 12" G	rey Speckled Floor Tile & Mastic		(by CVES) by Paola Ducoing on 02/08/08
-		rey Speckled Floor Tile & Mastic		
Asbesto	scription: Black, Hetero	geneous, Non-Fibrous, Mastic		by Paola Ducoing
Asbesto	scription: Black, Hetero os Types: Material: Cellulose 4 %	geneous, Non-Fibrous, Mastic	Yes	by Paola Ducoing on 02/08/08  6 % (by CVES) by Paola Ducoing
Asbesto Other NPS-20 Analyst Des Asbesto	scription: Black, Heterops Types: Material: Cellulose 4 % Location: 9" Lt.	geneous, Non-Fibrous, Mastic  5, Non-fibrous 96 %  908021162-22L1  Brown Floor Tile & Mastic  eneous, Non-Fibrous, Floor Tile 0 %	Yes	by Paola Ducoing on 02/08/08  6 % (by CVES)
Asbesto Other NPS-20 Analyst Des Asbesto	scription: Black, Heterops Types: Material: Cellulose 4 %  Location: 9" Lt. scription: Tan, Homogens Types: Chrysotile 6. Material: Non-fibrous 9	geneous, Non-Fibrous, Mastic  5, Non-fibrous 96 %  908021162-22L1  Brown Floor Tile & Mastic  eneous, Non-Fibrous, Floor Tile 0 %	Yes	by Paola Ducoing on 02/08/08  6 % (by CVES) by Paola Ducoing

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AmeriSci Job #: 908021162

Client Name: CTL Environmental Services

# **PLM Bulk Asbestos Report**

Client No. / HO	SA Lab No.	Asbestos Present	Total % Asbestos
NPS-21	908021162-23L1 Location: 6" Brown Covebase & Glue	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos T	ption: Brown, Homogeneous, Non-Fibrous, Cove ypes: terial: Non-fibrous 100 %	Base	
NPS-21	908021162-23L2 Location: 6" Brown Covebase & Glue	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos T	otion: Brown, Homogeneous, Non-Fibrous, Mastic ypes: erial: Non-fibrous 100 %		
NPS-22	908021162-24 Location: Brown Floor Sheeting	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos T	otion: Brown/Black, Heterogeneous, Fibrous, Buik ypes: erial: Cellulose 65 %, Non-fibrous 35 %	Material	
NPS-23	908021162-25L1 Location: 12" Fiss. Ceiling Tile & Glue	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos T	otion: White/Grey, Heterogeneous, Fibrous, Ceilin ypes: erial: Cellulose 35 %, Mineral Wool 25 %, Non-fi		011 02/00/00
NPS-23	908021162-25L2 Location: 12" Fiss. Ceiling Tile & Glue	No	NAD (by CVES) by Paola Ducoing
Asbestos T	otion: Yellow, Homogeneous, Non-Fibrous, Glue ypes: erial: Non-fibrous 100 %		on 02/08/08
NPS-24	908021162-26 Location: 2'x4' Smooth Ceiling Panel	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Descrip Asbestos Ty	otion: Grey/White, Heterogeneous, Fibrous, Bulk I ypes:	Material	

Page 7 of 9

Client Name: CTL Environmental Services

# **PLM Bulk Asbestos Report**

Client No. / HG	A Lab No.	<b>Asbestos Present</b>	Total % Asbestos
NPS-25	908021162-27L Location: 12" Yellow Floor Tile	1 <b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Ty	tion: Beige, Homogeneous, Non-Fibrous, Floo /pes: erial: Non-fibrous 100 %	or Tile	
NPS-25	908021162-27L2  Location: 12" Yellow Floor Tile	2 <b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Ty	tion: Yellow, Homogeneous, Non-Fibrous, Ma /pes: erial: Non-fibrous 100 %	stic	
NPS-26	908021162-28L Location: 12" White Floor Tile	1 No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Ty	tion: Yellow, Homogeneous, Non-Fibrous, Flo /pes: erial: Non-fibrous 100 %	or Tile	
NPS-26	908021162-28L2 Location: 12" White Floor Tile	2 <b>No</b>	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Ty	tion: Yellow, Homogeneous, Non-Fibrous, Ma /pes: erial: Non-fibrous 100 %	stic	011 02/00/00
NPS-27	908021162-29 <b>Location:</b> 12" Lt. Blue Floor <b>T</b> ile	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbestos Ty	tion: Blue, Homogeneous, Non-Fibrous, Bulk /pes: erial: Non-fibrous 100 %	Material	511 52,55700
NPS-28 4	908021162-30 <b>Location</b> : Stucco	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Analyst Descrip Asbestos Ty	tion: Beige, Heterogeneous, Non-Fibrous, Cer	mentitious, Bulk Material	5.1. <b>52.755.765</b>

# **PLM Bulk Asbestos Report**

Client No.	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
NPS-29 4	Location: Stucco	908021162-31	No	NAD (by CVES) by Paola Ducoing on 02/08/08
Asbes	escription: Grey/White, Heter stos Types: er Material: Non-fibrous 100 %		Cementitious, Bulk Material	011 02/00/00
NPS-30		908021162-32	No	NAD
4	Location: Stucco			(by CVES) by Paola Ducoing on 02/08/08
Asbes	escription: Off-White, Heterog stos Types: er Material: Non-fibrous 100 %		mentitious, Bulk Material	
NPS-31		908021162-33	No	NAD
4	Location: Stucco			(by CVES) by Paola Ducoing on 02/08/08
Asbes	escription: Grey, Heterogeneous tos Types: er Material: Non-fibrous 100 %		itious, Bulk Material	
Asbes Othe	stos Types:		itious, Bulk Material  No	NAD
Asbes Othe NPS-32	stos Types:			NAD (by CVES) by Paola Ducoing on 02/08/08
Asbes Othe NPS-32 4 Analyst D Asbes	stos Types: er Material: Non-fibrous 100 %	908021162-34 bus, Non-Fibrous, Cement	No	(by CVES) by Paola Ducoing
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Page 9 of 9

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

1007-0008; SMMUSD; St. Monica High School / North/So. Gyms

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
NPS-35	908021162-37	No	NAD
Location: Si	ucco Barrier Paper		(by CVES) by Paola Ducoing on 02/08/08
Analyst Description: Black, He Asbestos Types: Other Material: Cellulose	terogeneous, Fibrous, Bulk Material 75 %, Non-fibrous 25 %		ę.

**Reporting Notes:** 

Analyzed By: Paola Ducoing ; Date Analyzed: 2/8/2008 2/8/08

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

Reviewed By: 2 111 101

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# CTL ENVIRONMENTAL SERVICES

FIELD BULK SAMPLE LIST

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

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Technician: N. Sanka. Date: 4-5-07 Page: 2 of 4

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اها	SAMPLE #	P1894		p2824		12587		2258~	49523	mss.		
PROJECT NO.: 107-0008 PROJECT NAME: 50-7	MATERIAL	Sept.	2 June Specimen	9" Light brown	PA \$110	See	गुण्डन व दु प्रा	proun Floor			FCINIMS pump	
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107-0008 5anta Kouca 5 KWW3 B PROJECT NAME: __ PROJECT NO.: CLIENT:

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Technician: No Suche Date: 4-507 Page: 4 of 4

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# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

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### AmeriSci Los Angeles

24416 SOUTH MAIN STREET • SUITE 308 **CARSON, CA 90745** 

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

February 11, 2008

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

RE: CTL Environmental Services Job Number 908021148 P.O. #32145 107-0008; S.M. High B. Hall

### Dear C. Ruvalcaba:

Enclosed are the results for polarized light microscopy analysis (PLM) of the following CTL Environmental Services samples received at AmeriSci on Wednesday, February 06, 2008, for a 3 day turnaround:

5275, 5276, 5277, 5278, 5279, 5280, 5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291

The 17 samples contained in Ziplock Bags were shipped to AmeriSci via Hand delivery. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The samples were evaluated for homogeneity by low power stereomicroscopy. Asbestos fibers were identified by PLM and dispersion staining through the determination of the required optical properties including: morphology, color, pleochroism, refractive indices, birefringence, extinction and sign of elongation. The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. The CV for this analysis is expected to range from 0.3 to 1.2, depending on the quantity of analyte present. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVLAP or ELAP accreditations respectively, if so identified in relevant footnotes.

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

Sincerely

Client Services Manager



### AmeriSci Los Angeles

24416 S. Main Street, Ste 308 Carson, California 90745 TEL: (310) 834-4868 • FAX: (310) 834-4772

## **PLM Bulk Asbestos Report**

CTL Environmental Services

Attn: C. Ruyalcaba 24404 S. Vermont Ave.

Suite 307

Harbor City, CA 90710

**Date Received** 

02/06/08

AmeriSci Job #

908021148

Date Examined 02/07/08

P.O. # Page

1 **of** 4

RE: 107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5275 Location: Fire		No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Light Grey Asbestos Types: Other Material: Cellulose 2		aterial	
5276  Location: Fire	908021148-02 eproofing	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Light Grey Asbestos Types: Other Material: Cellulose 2		aterial	
5277 Location: Fire	908021148-03 eproofing	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Light Grey Asbestos Types: Other Material: Cellulose 2	, Heterogeneous, Fibrous, Bulk M 20 %, Non-fibrous 80 %	aterial	
5278  Location: Fire	908021148-04 eproofing	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Light Grey Asbestos Types: Other Material: Cellulose 2	, Heterogeneous, Fibrous, Bulk M 25 %,  Non-fibrous 75 %	laterial	
5279 Location: Fire	908021148-05 eproofing	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Light Grey Asbestos Types: Other Material: Cellulose	, Heterogeneous, Fibrous, Bulk M	laterial	

AmeriSci Job #: 908021148

Client Name: CTL Environmental Services

# **PLM Bulk Asbestos Report**

107-0008; S.M. High B. Hall

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
5280	Location: Jt. Comp.	908021148-06	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: White, Homogeneo s Types: Material: Non-fibrous 100 %	us, Non-Fibrous, Bulk Ma	terial	
5281	Location: Jt. Comp.	908021148-07	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: White, Homogeneo s Types: Material: Non-fibrous 100 %	us, Non-Fibrous, Bulk Ma	terial	
5282	Location: Jt. Comp.	908021148-08	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: White, Homogeneo s Types: Material: Non-fibrous 100 %	us, Non-Fibrous, Bulk Ma	ıterial	
5283	Location: Drywall	908021148-09	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: White, Homogeneo s Types: Material: Non-fibrous 100 %	us, Non-Fibrous, Bulk Ma	terial	5.1. 62, 61, 65
5284	Location: Composite I	908021148-10 Orywall w/ Jt Comp.	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: White/Green, Homo s Types: Material: Non-fibrous 100 %	geneous, Non-Fibrous, E	Bulk Material	011 0 <i>21</i> 01100
5285	Location: 12"x12" Ora	908021148-11L1 nge Floor Tile w/Adhsive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbesto	cription: Orange, Homogene s Types: Material: Non-fibrous 100 %	ous, Non-Fibrous, Floorii	ng	

Client Name: CTL Environmental Services

# **PLM Bulk Asbestos Report**

107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbestos
5285 Location:	908021148-11L2 12"x12" Orange Floor Tile w/Adhsive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Cream, Asbestos Types: Other Material: Non-fib	Homogeneous, Non-Fibrous, Mastic		
 5286	908021148-12	No	NAD
	Green C. / Glue		(by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Yellow, Asbestos Types: Other Material: Non-fib	Homogeneous, Non-Fibrous, Bulk Materous 100 %	erial	
5287 Location:	908021148-13L1 4" Green Covebase w/ Adhsive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Green, Asbestos Types: Other Material: Non-fibr	Homogeneous, Non-Fibrous, Basecove rous 100 %	3	
5287 Location:	908021148-13L2 4" Green Covebase w/ Adhsive	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Off-Whi Asbestos Types: Other Material: Non-fibi	te, Homogeneous, Non-Fibrous, Glue		0.1, 0.21, 0.1, 0.0
5288 Location:	908021148-14 12"x12" Fissued Ceiling Tile	No	NAD (by CVES) by Olga K. Katsuk on 02/07/08
Asbestos Types:	Heterogeneous, Fibrous, Bulk Material glass 30 %, Non-fibrous 70 %		011 02/07/00
5289	908021148-15	No	NAD
	Duct Sealant		(by CVES) by Olga K. Katsuk on 02/07/08
Analyst Description: Grey, H	omogeneous, Non-Fibrous, Bulk Materi	al	

Client Name: CTL Environmental Services

## **PLM Bulk Asbestos Report**

107-0008; S.M. High B. Hall

Client No. / HGA	Lab No.	<b>Asbestos Present</b>	Total % Asbesto					
5290	908021148-16	No	NAD					
Location: St	ucco		(by CVES) by Olga K. Katsuk on 02/07/08					
Analyst Description: Beige/Gre Asbestos Types: Other Material: Non-fibro	ey, Homogeneous, Non-Fibrous, Bu us 100 %	ulk Material						
5291	908021148-17	No	NAD					
<b>Location</b> : Sr	nooth Plaster		(by CVES) by Olga K. Katsuk on 02/07/08					
Analyst Description: Beige/Gre Asbestos Types:	ey, Homogeneous, Non-Fibrous, Bu	ulk Material						
Other Material: Non-fibrou	us 100 %							

Reporting Notes:

Analyzed By: Olga K. Katsuk

; Date Analyzed: 2/7/2008 🧭 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA |= No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (a so see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except of full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:



## Asbestos, Lead Analysis Chain of Custody

AMERISCI JOB#: 908021148

### AMERISCI LOS ANGELES

24416 S Main St. Suite 308 Carson, CA 90745 Phone (310) 834-4868 Fax (310) 834-4772

Page of

			P.O.#:							
CTL								321	45	
PROJECT IN	EOPMATION	ANALYSIS		Tur	NAROUN	D TIME		AIR	FILTER	
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JOB MANAGER:	78	ASBESTOS PLM 1000 P.C.	h= = =			11 '-11 11		37 mm	- 14	
JOB MANAGER:	/ /	LEAD AIR						0.45 um		
C. Rusal	Cal-	LEAD WIPE						0.80 um		
JOB DESCRIPTION:		LEAD PAINT / SOLID	W/II:= 11	l V	1 11114	11 11 11 17 17 1	A STEEL	TEMP:	<u> </u>	
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Asbestos, Environmental Chemistry and Microbiology Analysis Boston Los Angeles New York Richmond

# FIELD BULK SAMPLE LIST

CLIENT: SAL PROJECT NO.: PROJECT NAME: S

107-0008

Technician: F. Rusulus Date: 2/168 Page: 0f 3

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	5	L		12'			

# FIELD BULK SAMPLE LIST

SMHLS D CLIENT: SAMUS
PROJECT NO.: 10
PROJECT NAME: SAE

107-0004

Technician: 6. Rusales Sa

Date: 2/168
Page: 2 of 3

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SAMPLE #	5286	5287	5288	5289	5290	5291	455-6	-	1		
MATERIAL	Green legal Glus	4" Ereplowass	> Ceiling	Buct Seilent	Strucco	Sweat Plests	Ceiler, tile Miste	lacy the Hi Cover	6" Black Goobers	Talves NX	
PHOTO #			*								

# CTL ENVIRONMENTAL SERVICES FIELD BULK SAMPLE LIST

SAMLS O CLIENT:

8000-60 PROJECT NAME: PROJECT NO.: _

Barnon Hall

Technician: 6. function !-

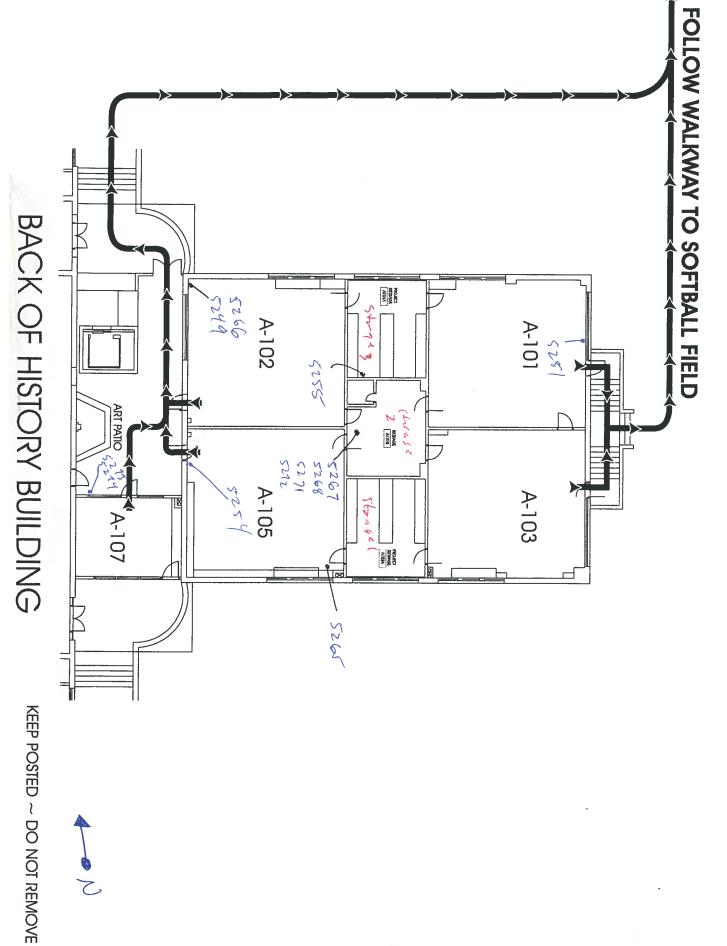
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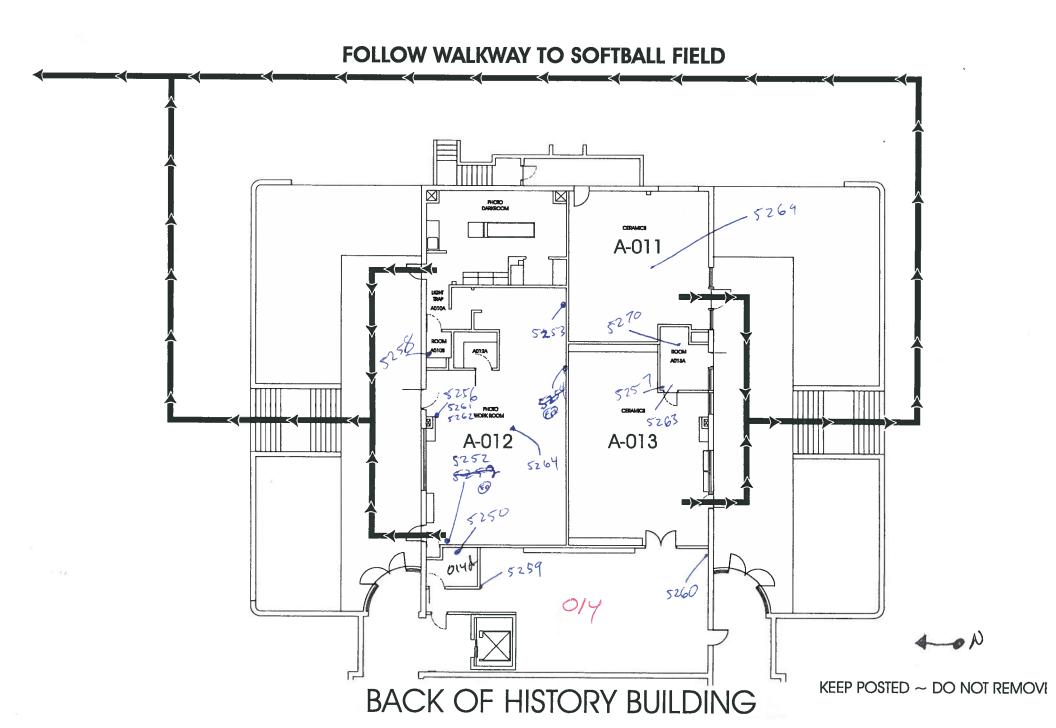
# SYMPLE LOCATIONS APPENDIX C

# ART BUILDING - UPSTAIRS **EVACUATION ROUTE**

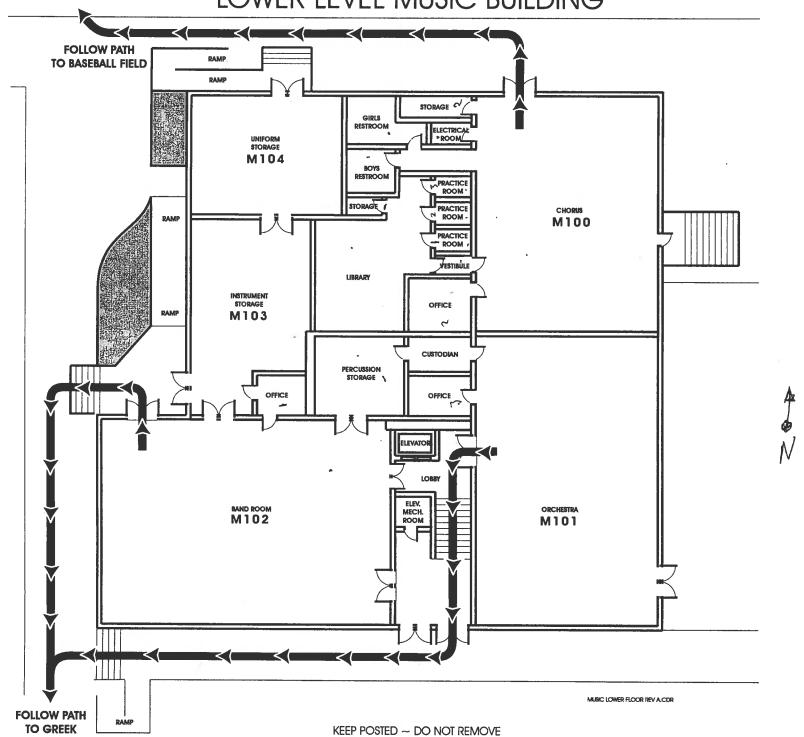




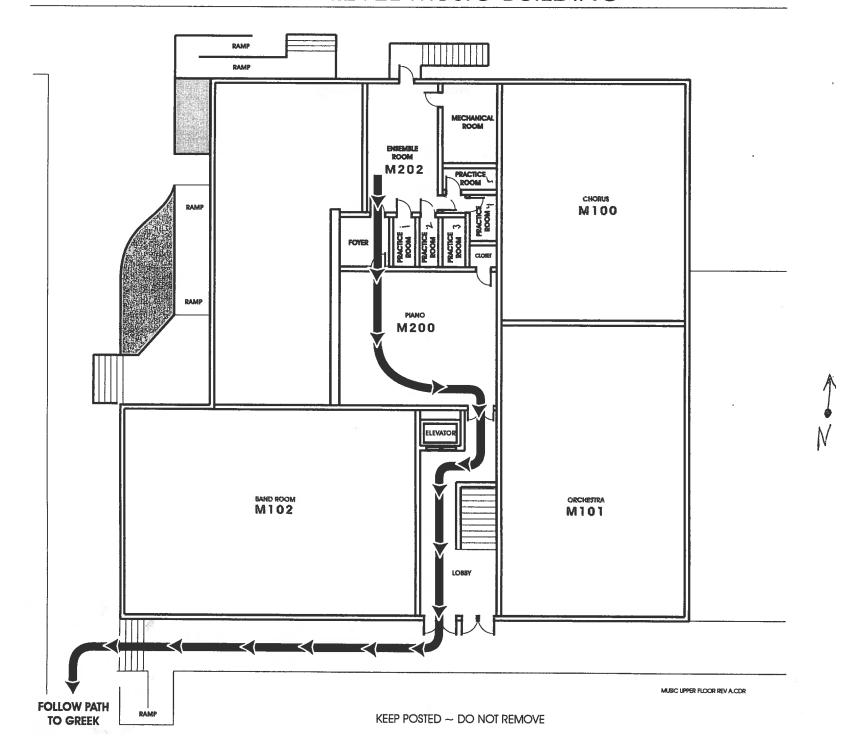
# EVACUATION ROUTE ART BUILDING - DOWNSTAIRS

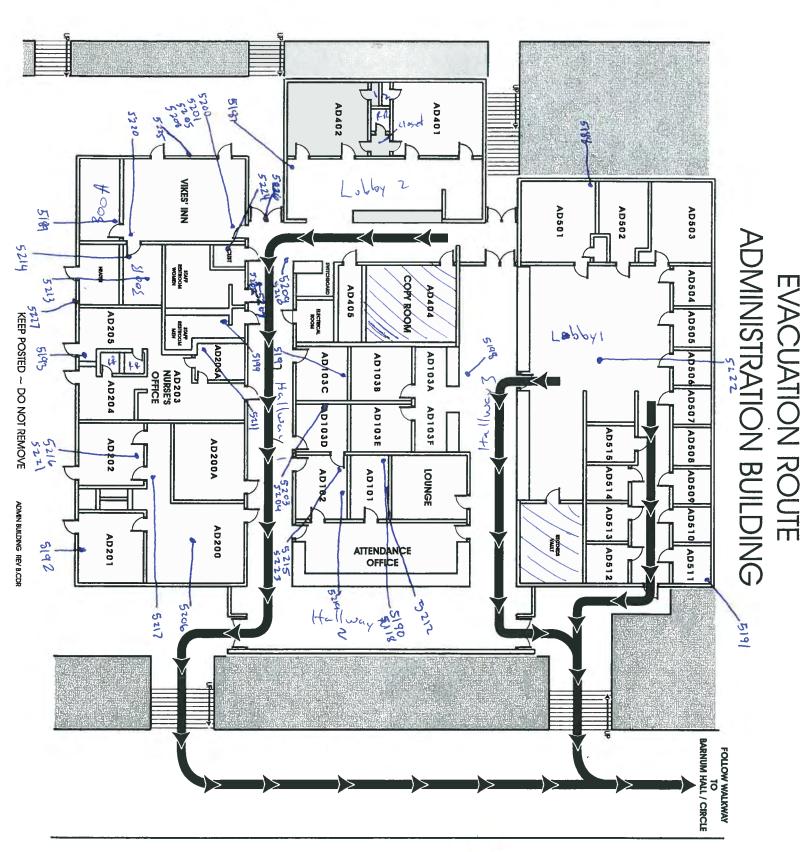


# EVACUATION ROUTE LOWER LEVEL MUSIC BUILDING

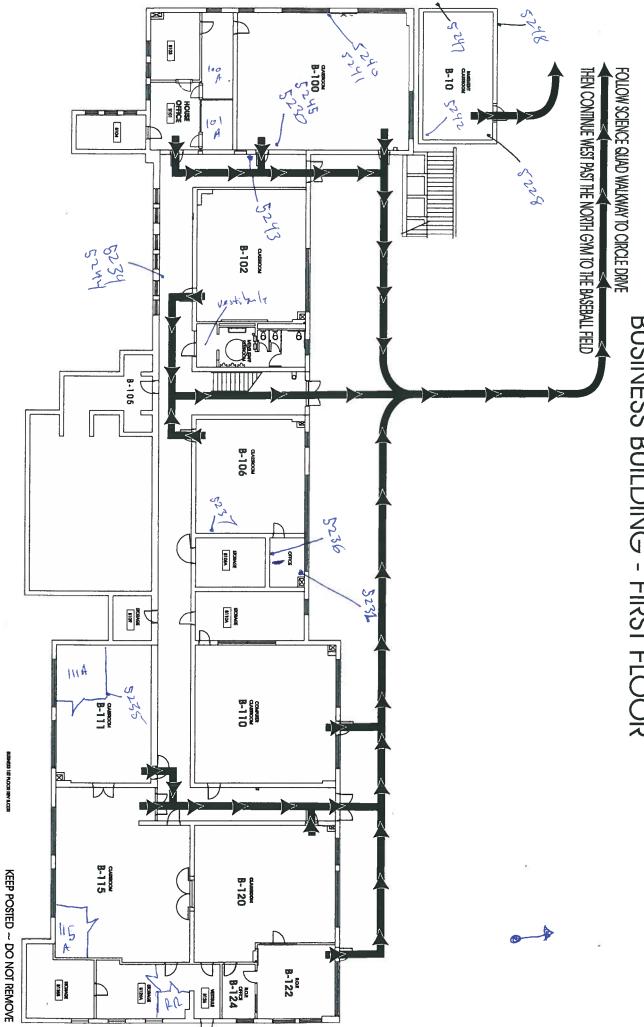


# EVACUATION ROUTE UPPER LEVEL MUSIC BUILDING

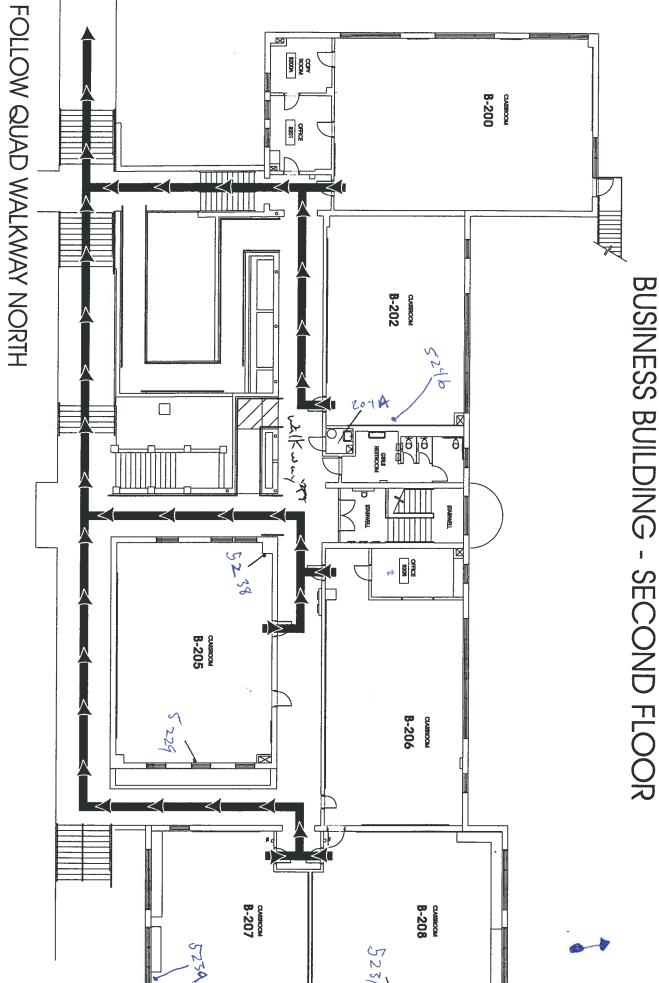




# EVACUATION ROUTE BUSINESS BUILDING - FIRST FLOOR

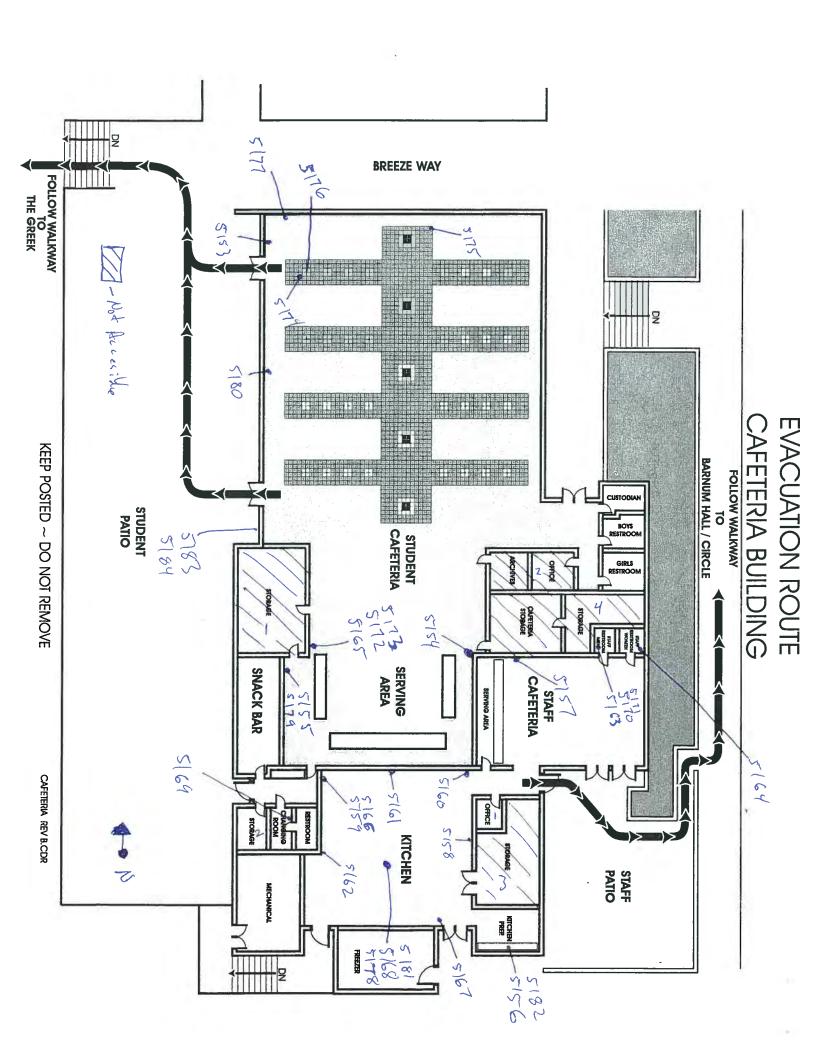


# BUSINESS BUILDING - SECOND FLOOR **EVACUATION ROUTE**

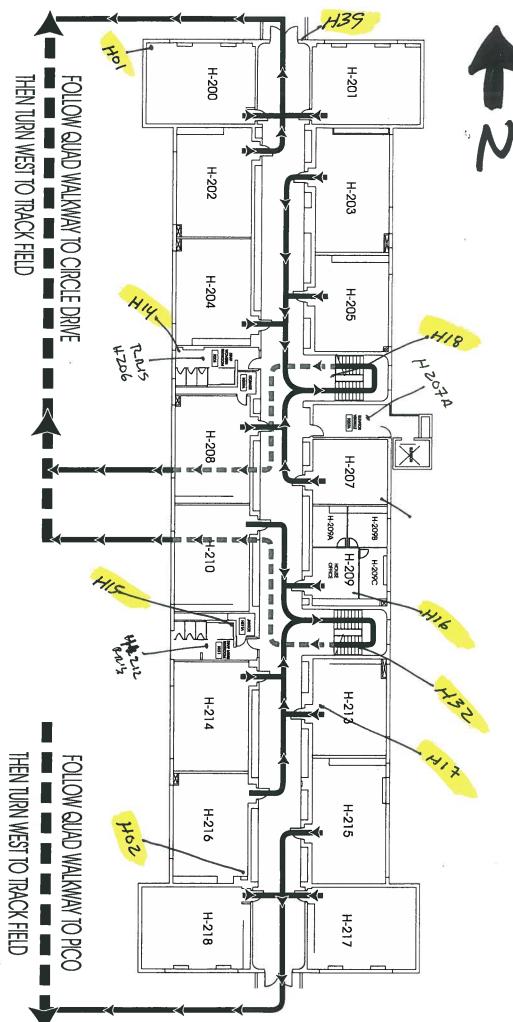


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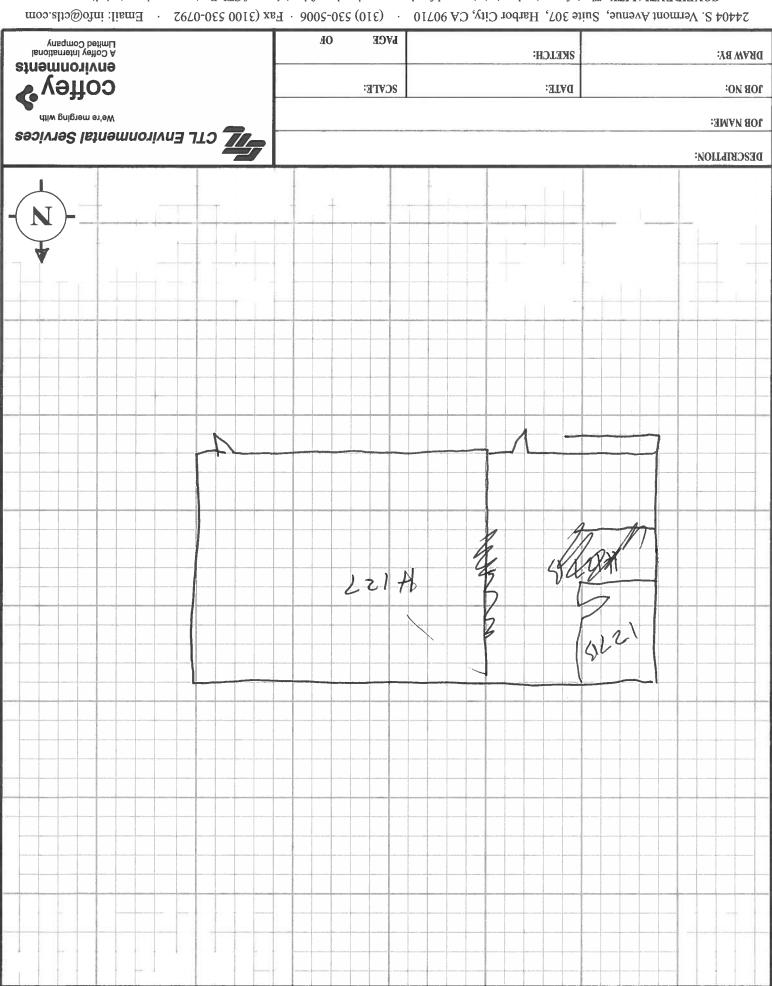
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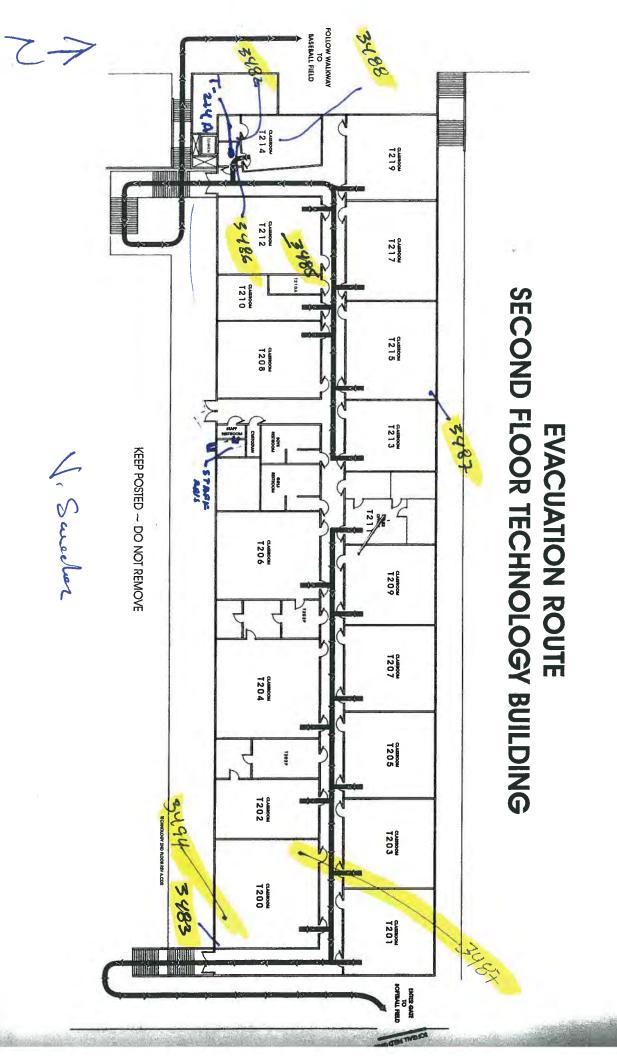


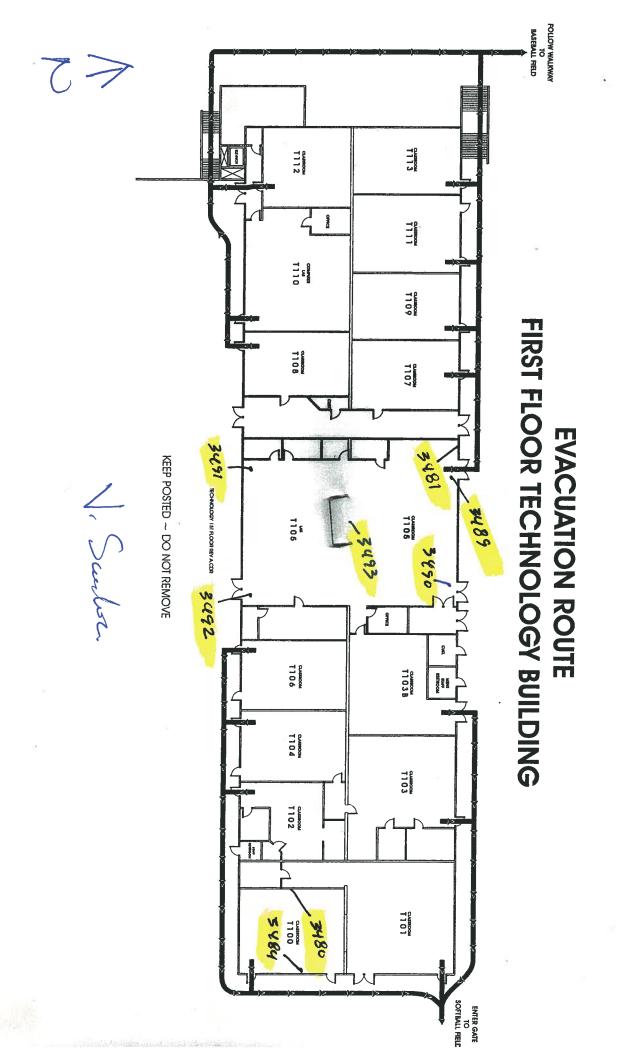
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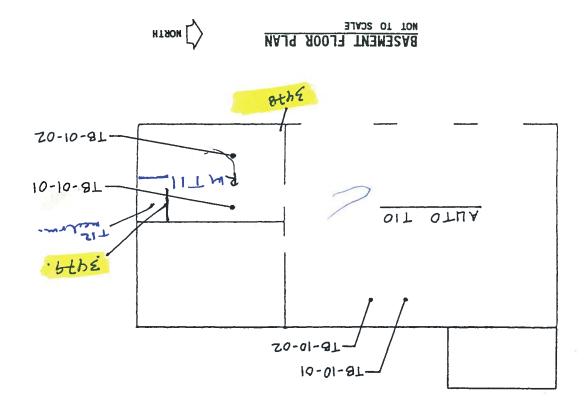
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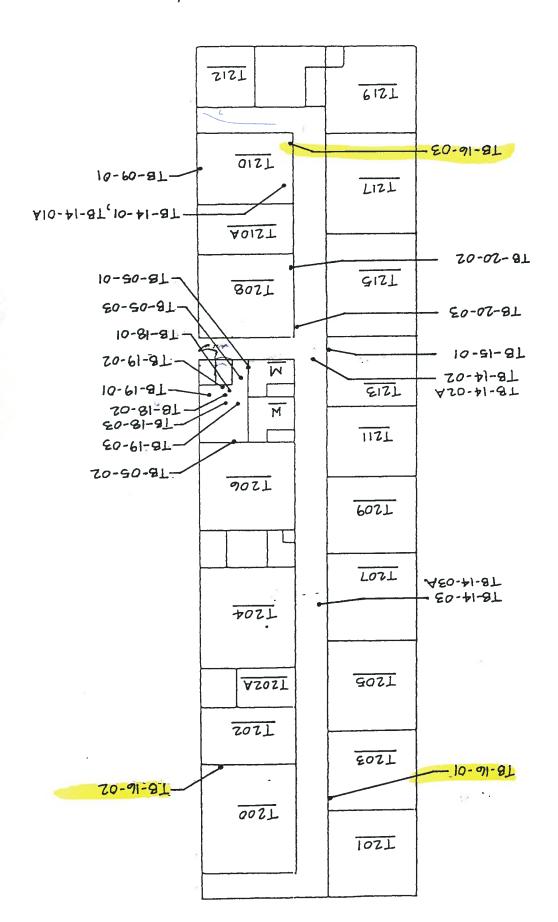
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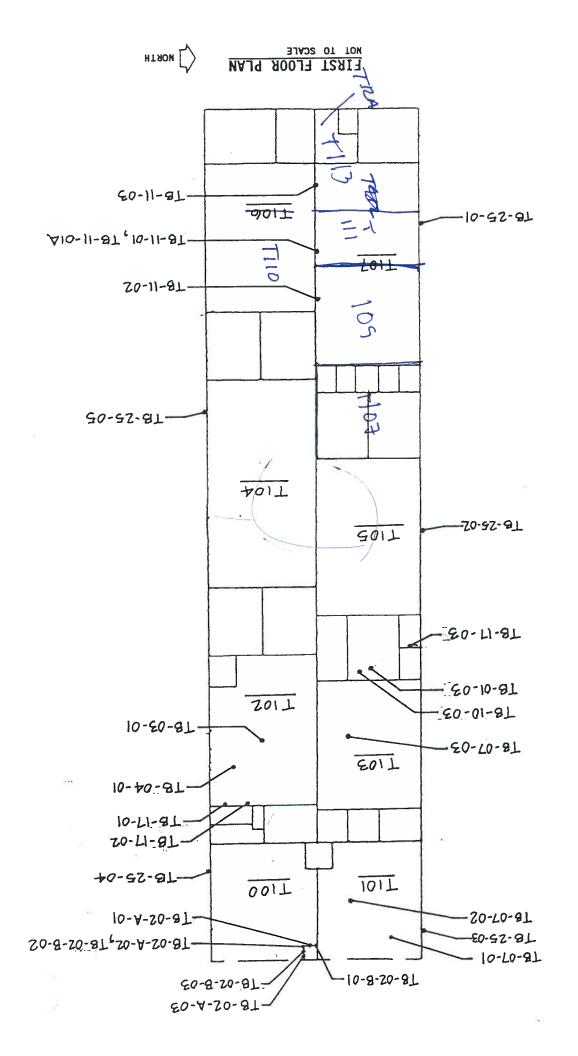


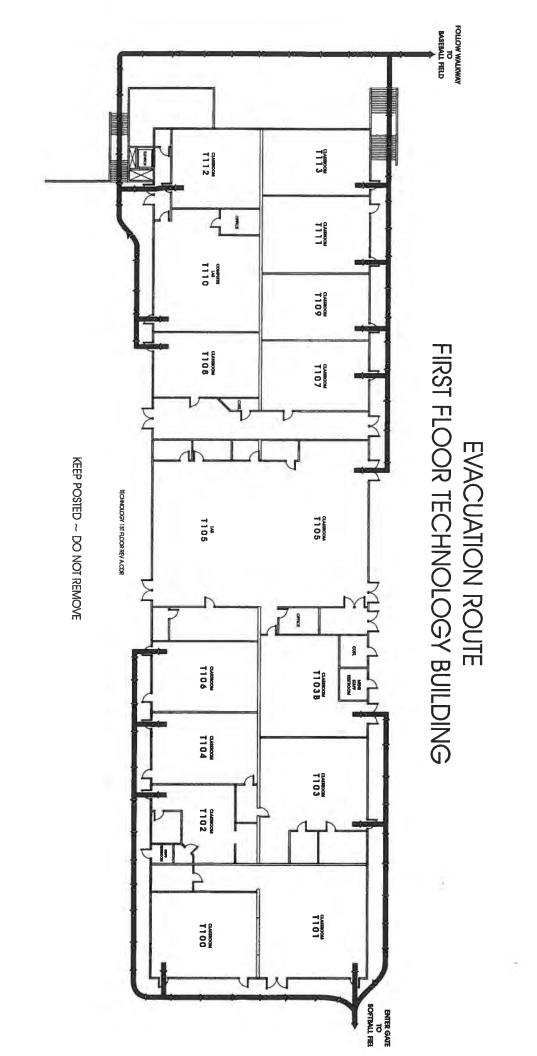


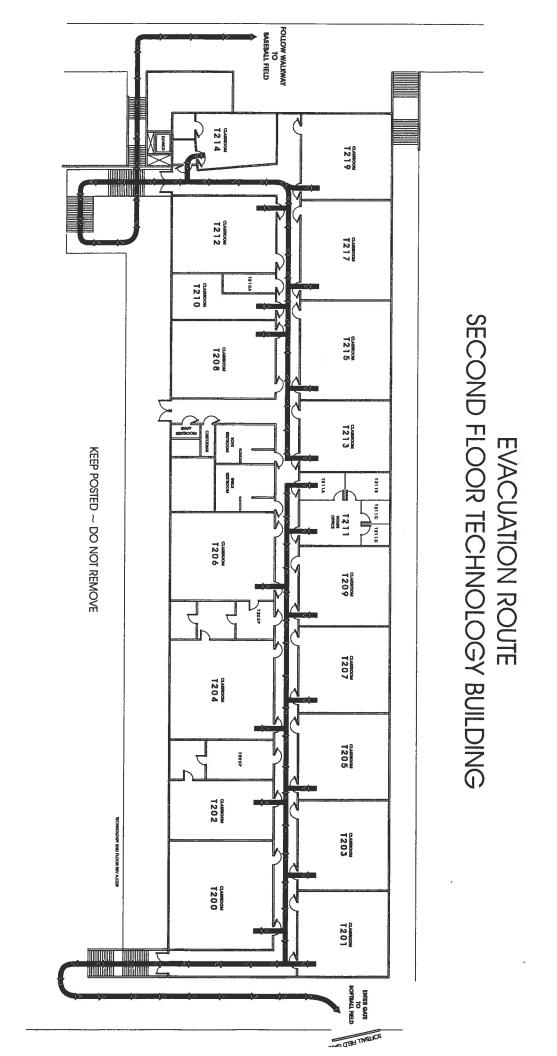




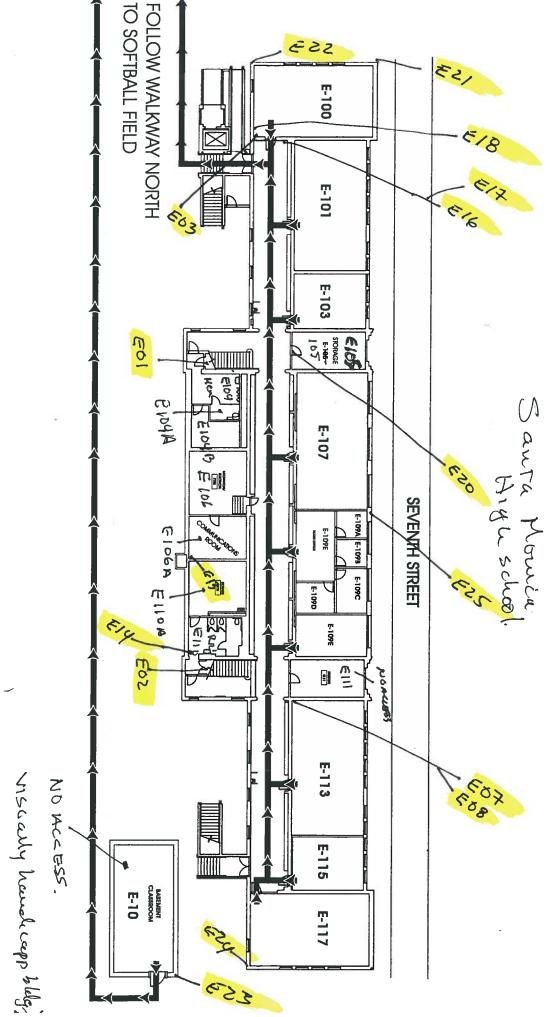






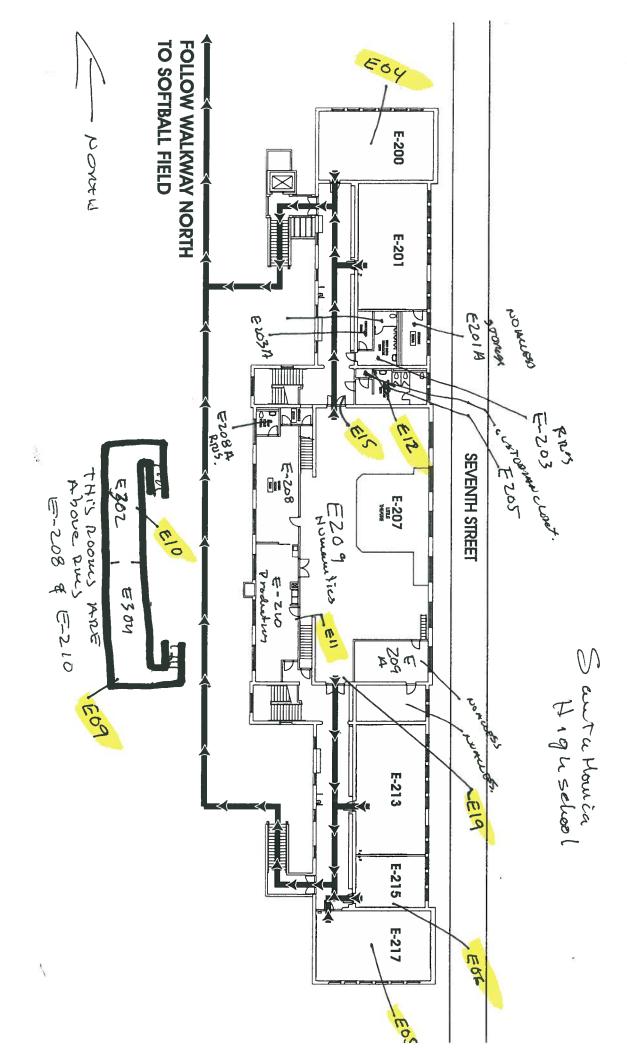


# EVACUATION ROUTE ENGLISH BUILDING - FIRST FLOOR

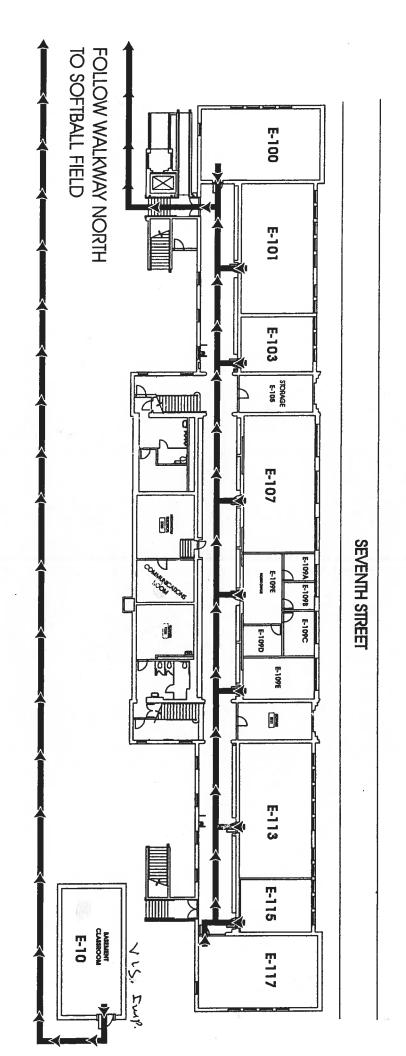


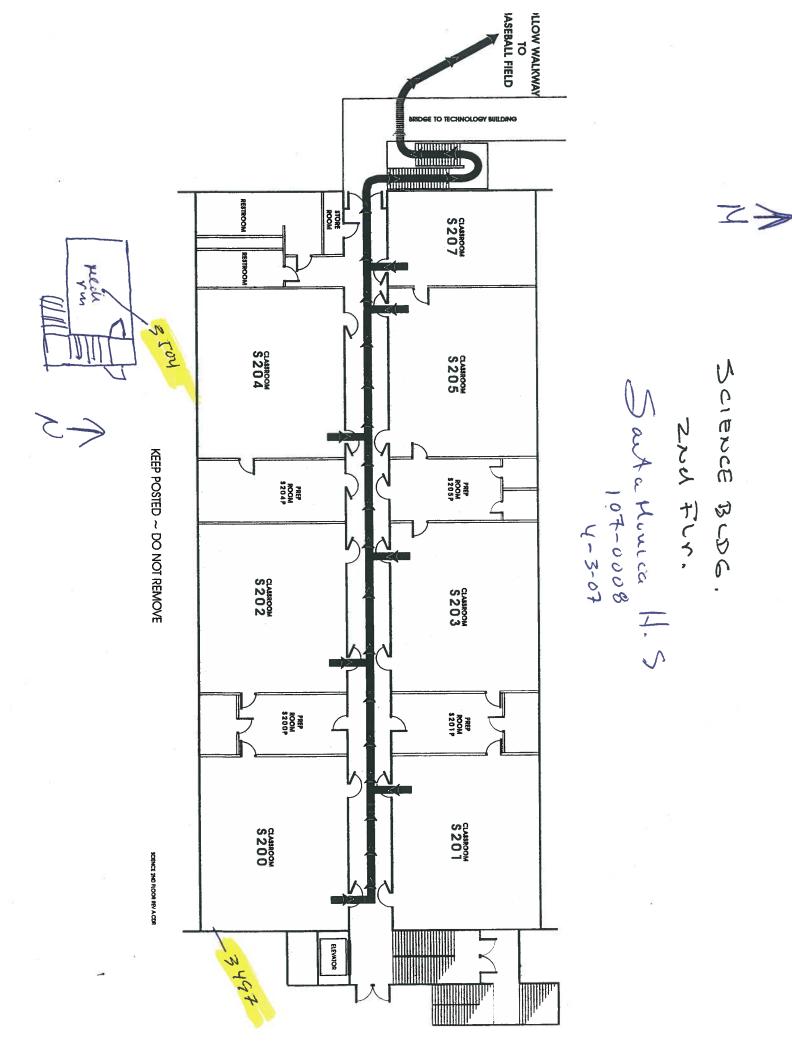
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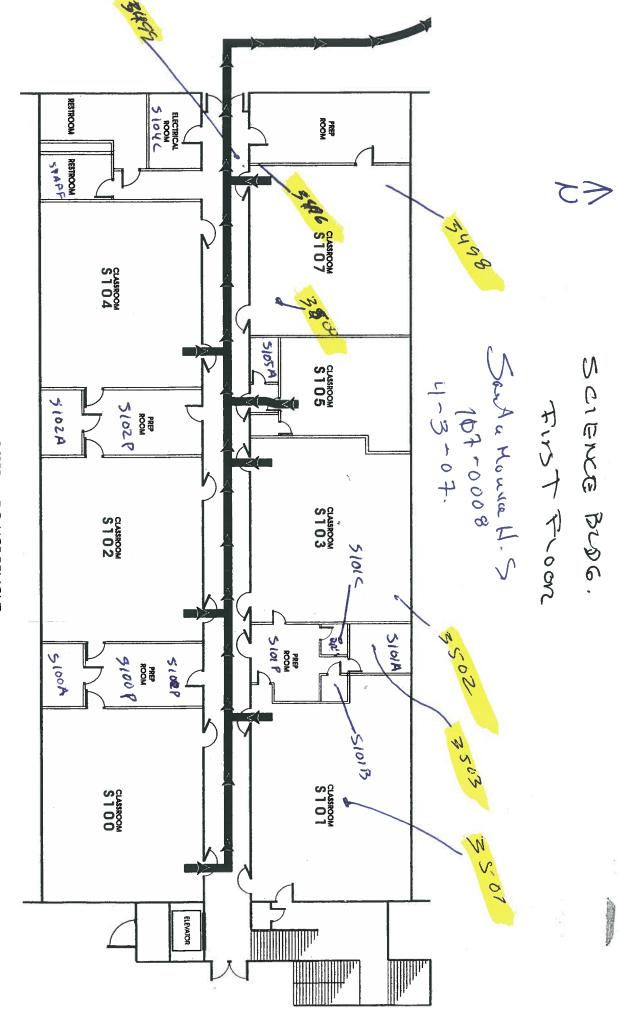
# EVACUATION ROUTE ENGLISH BUILDING - SECOND FLOOR



# **ENGLISH BUILDING - FIRST FLOOR EVACUATION ROUTE**

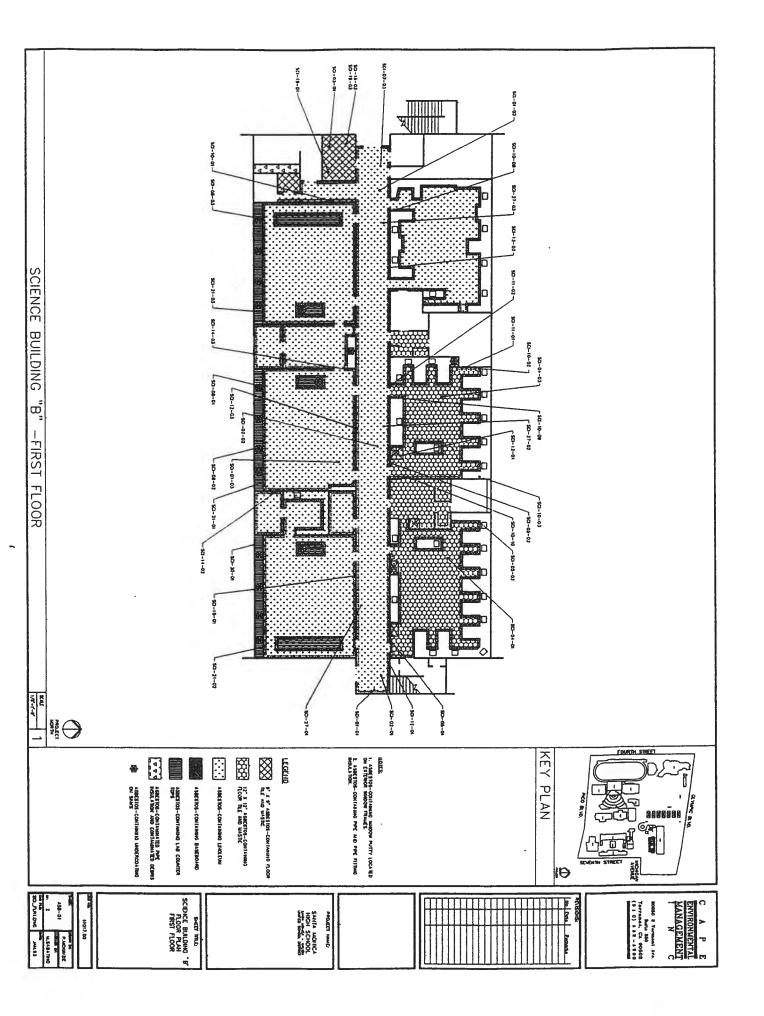


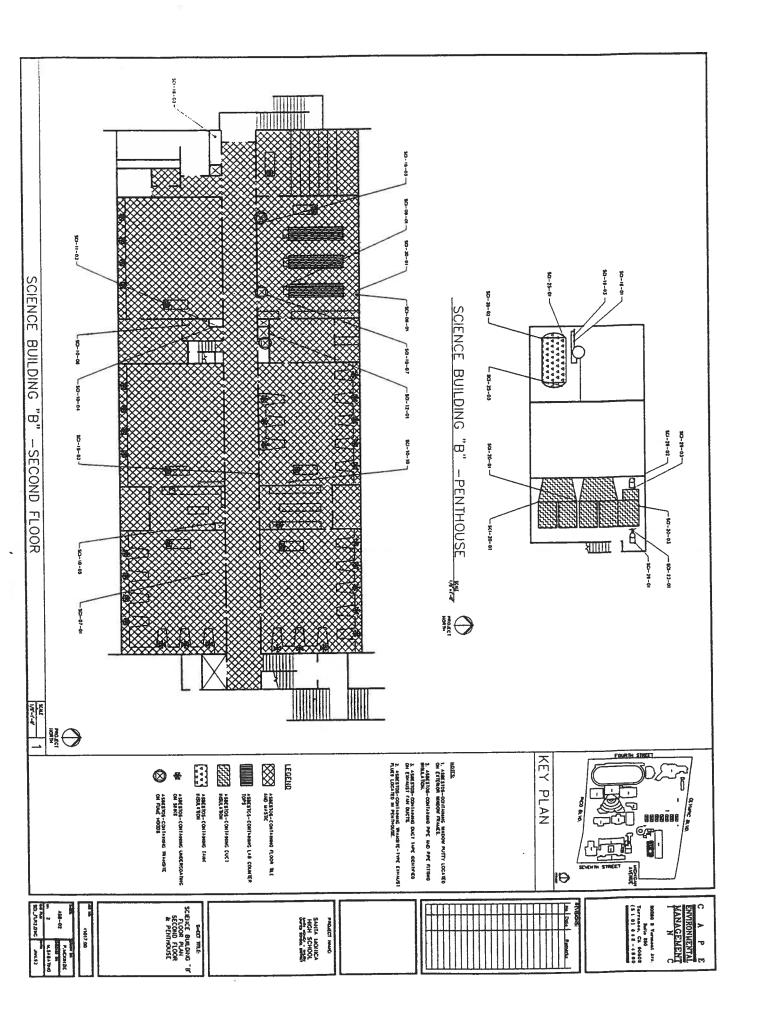


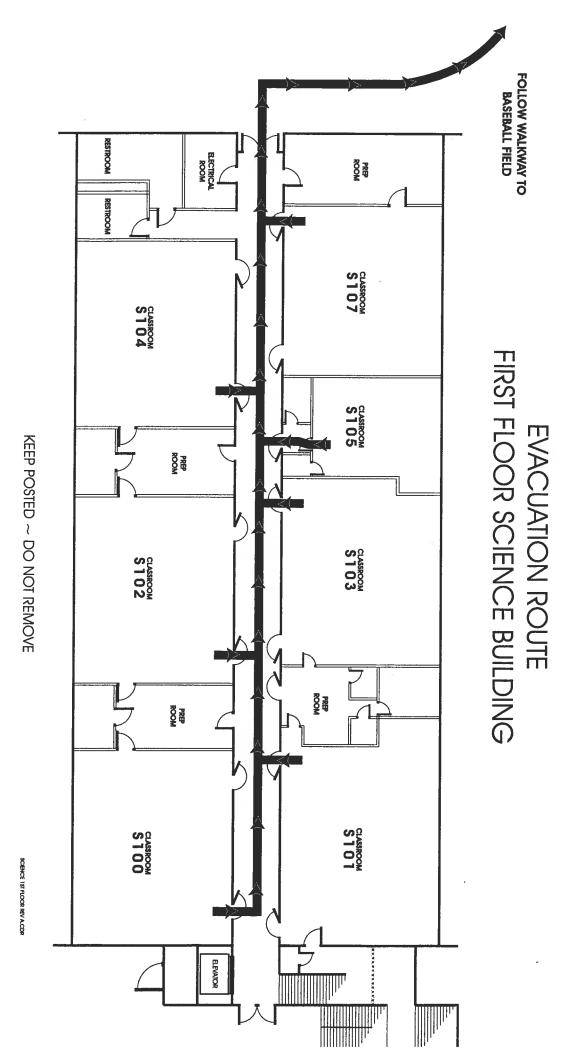


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**VPPENDIX A** 

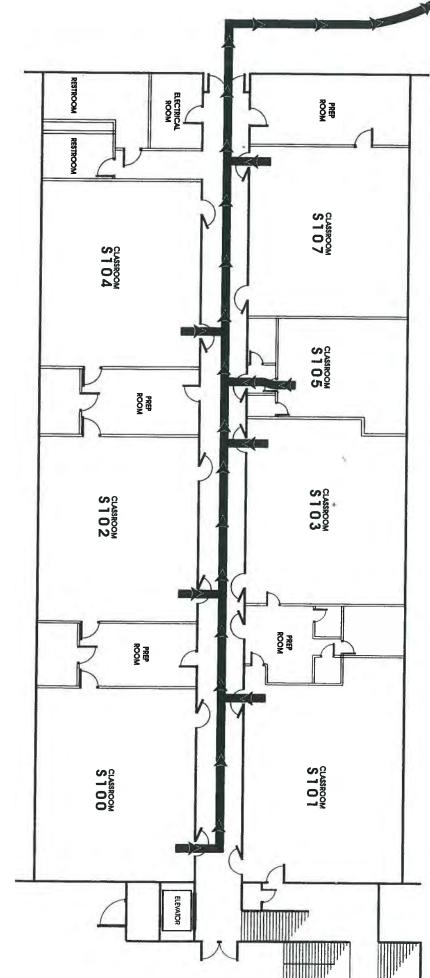






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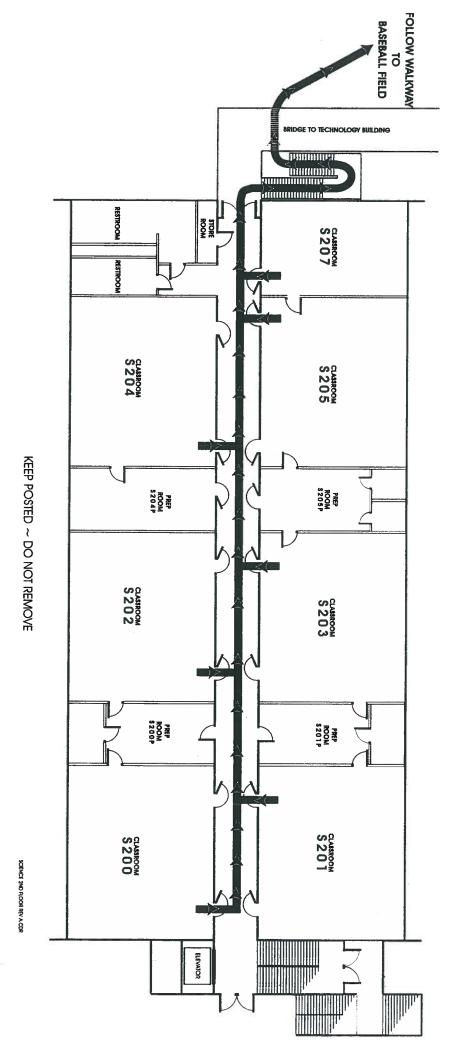
EVACUATION ROUTE
SECOND FLOOR SCIENCE BUILDING



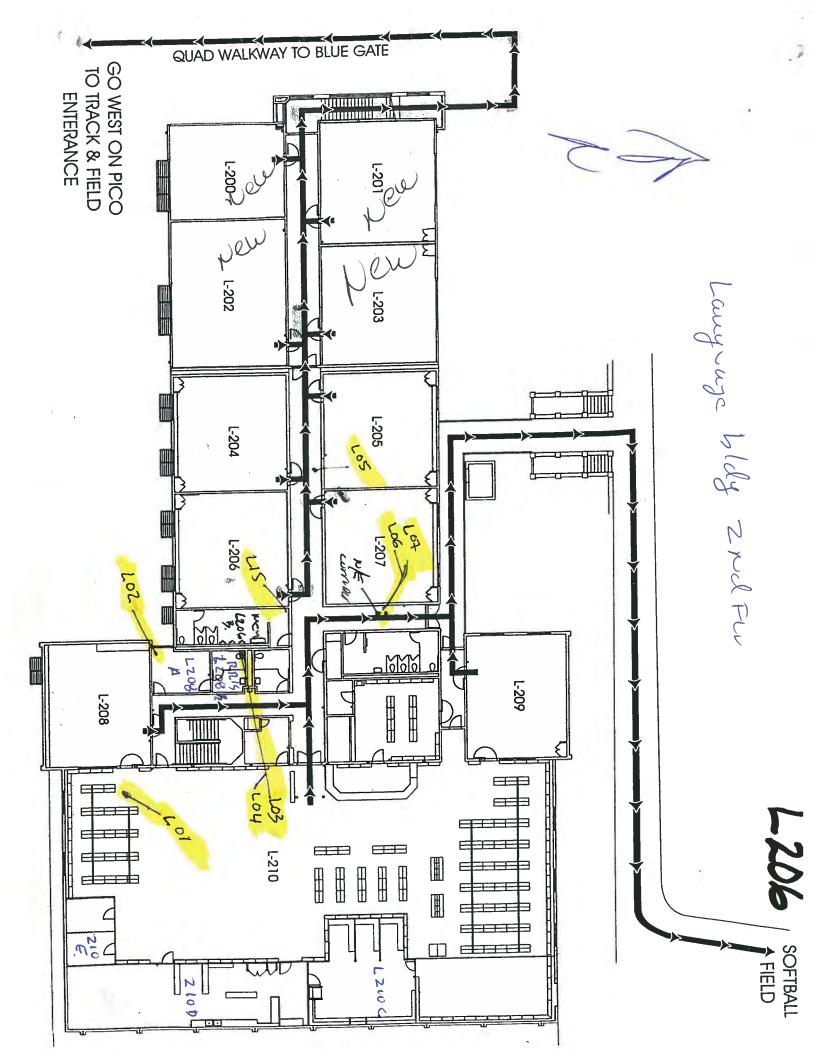
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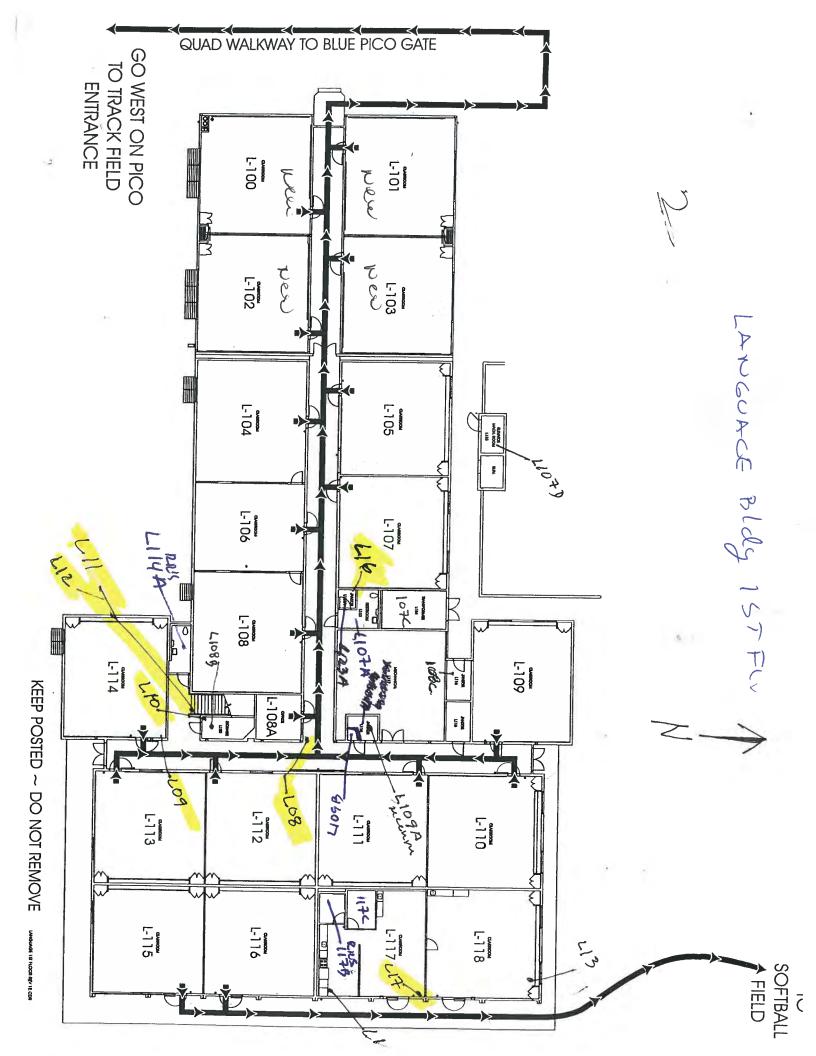
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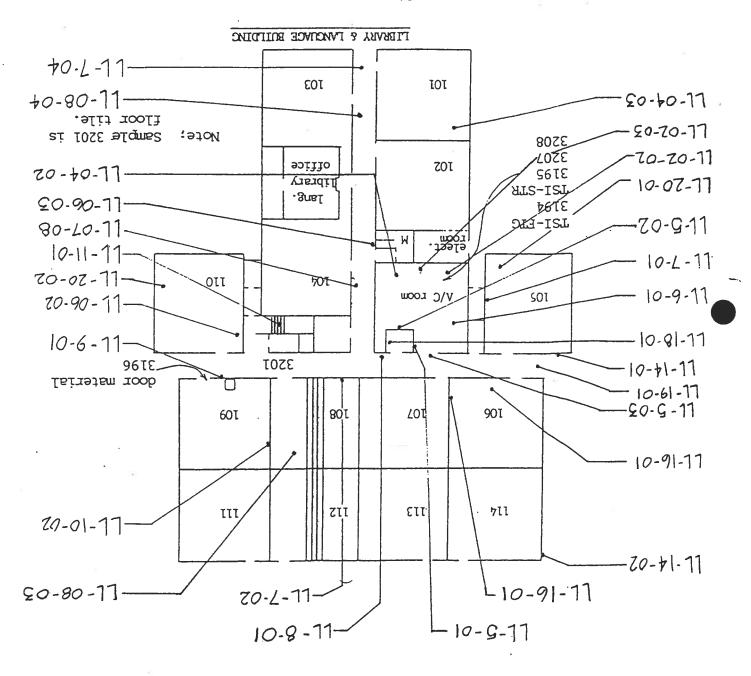


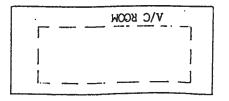
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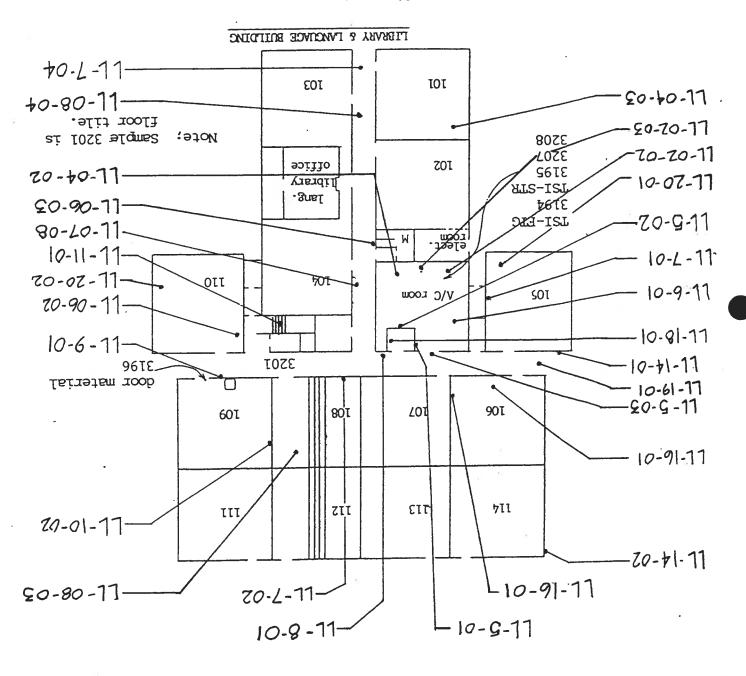


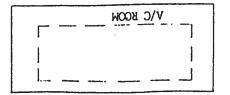
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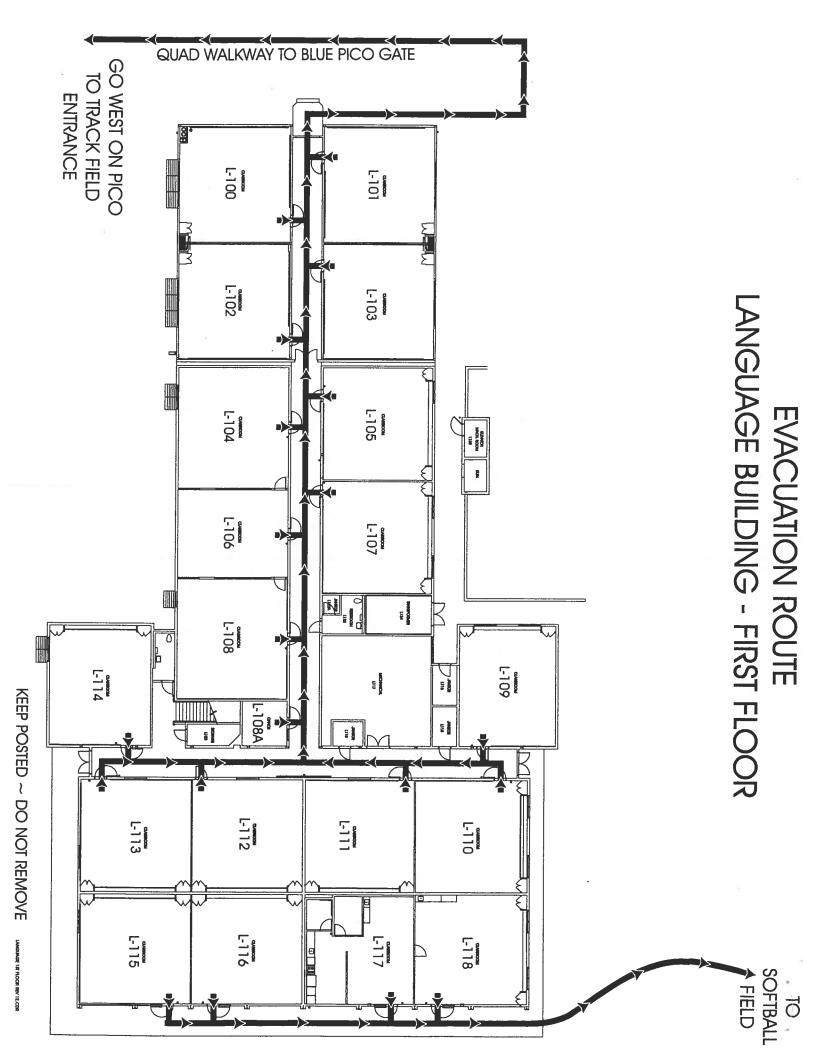


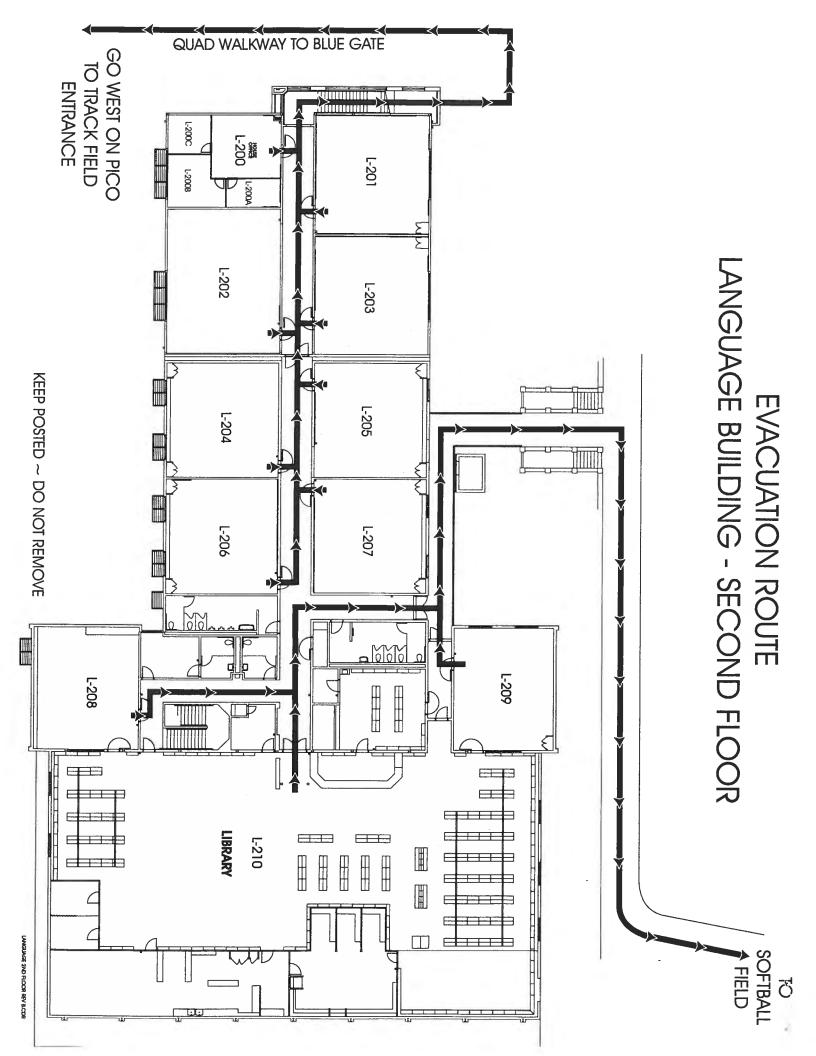


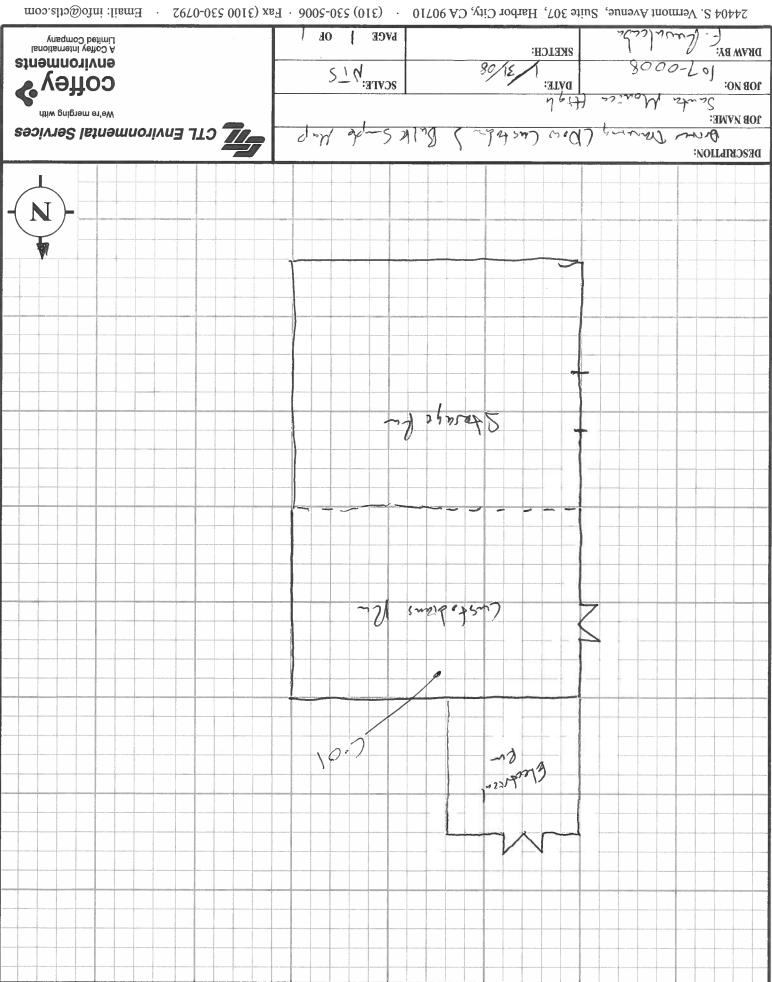
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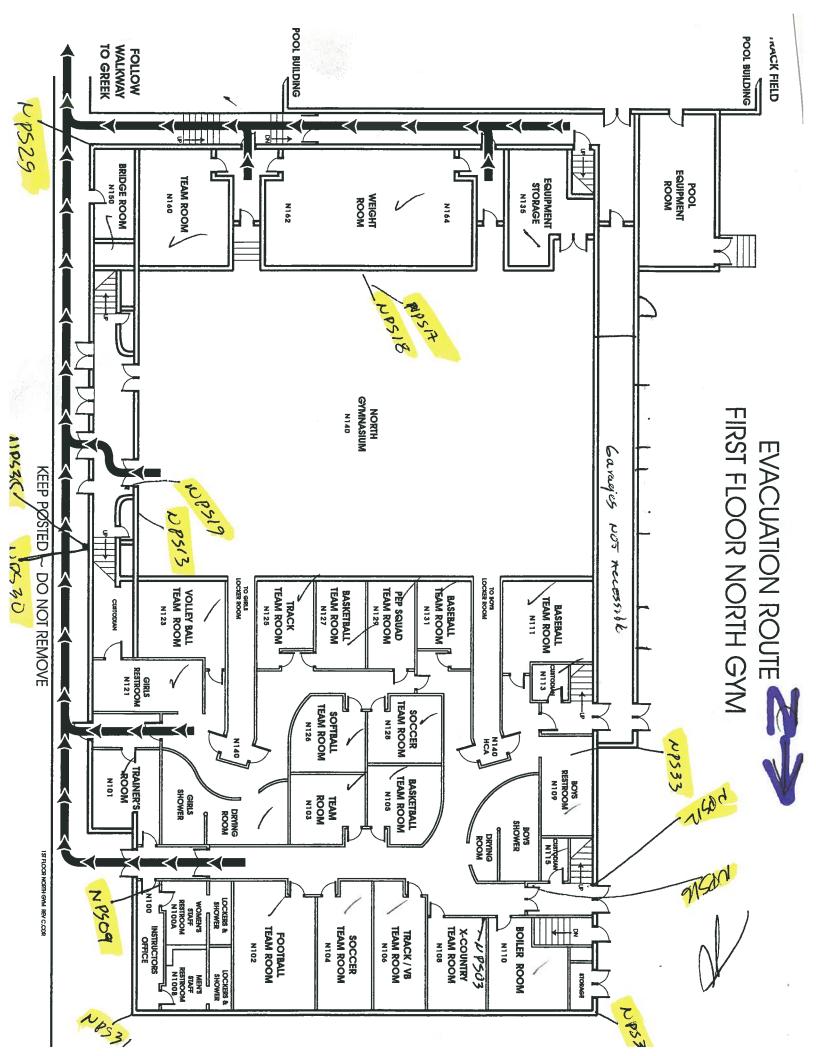


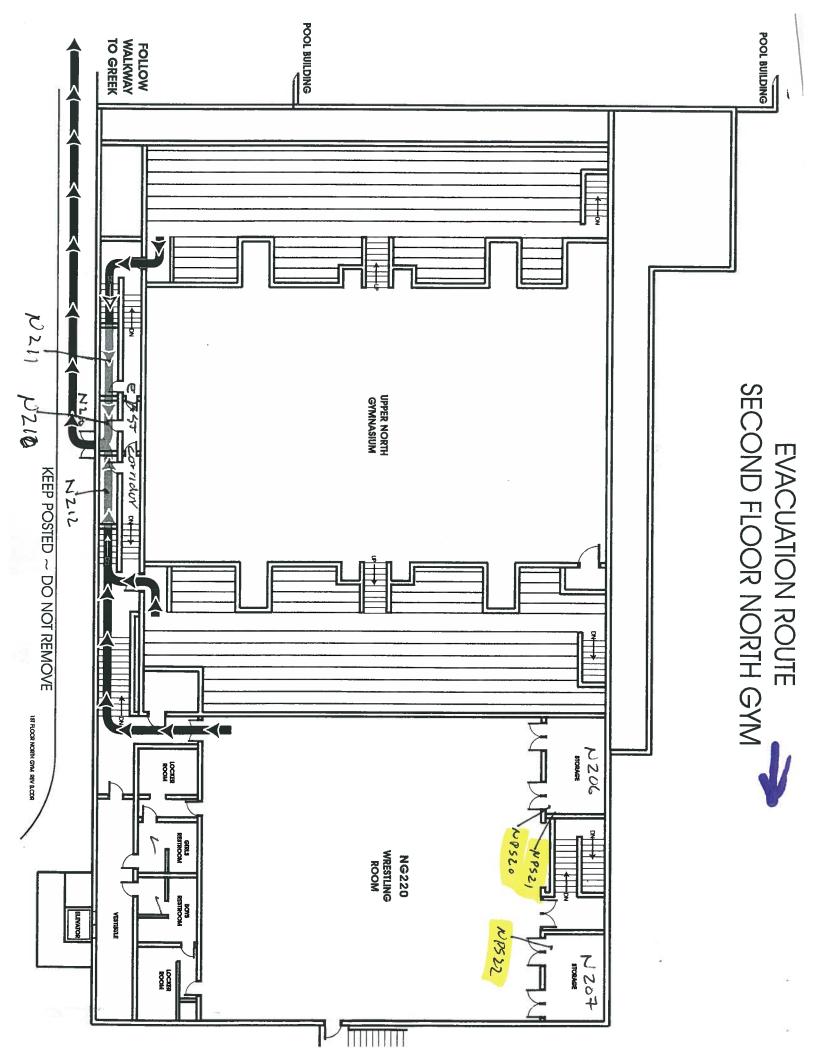












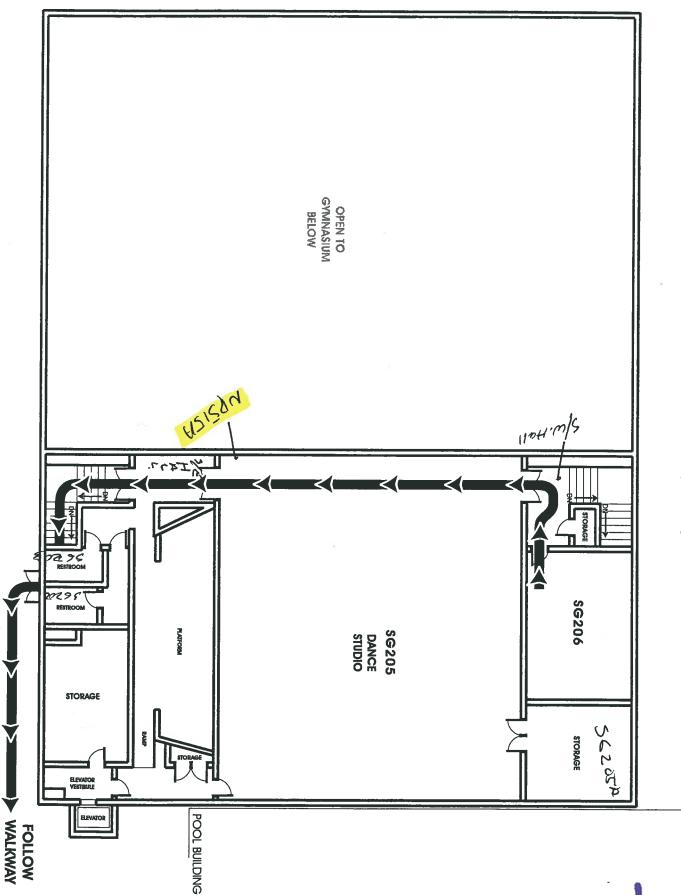
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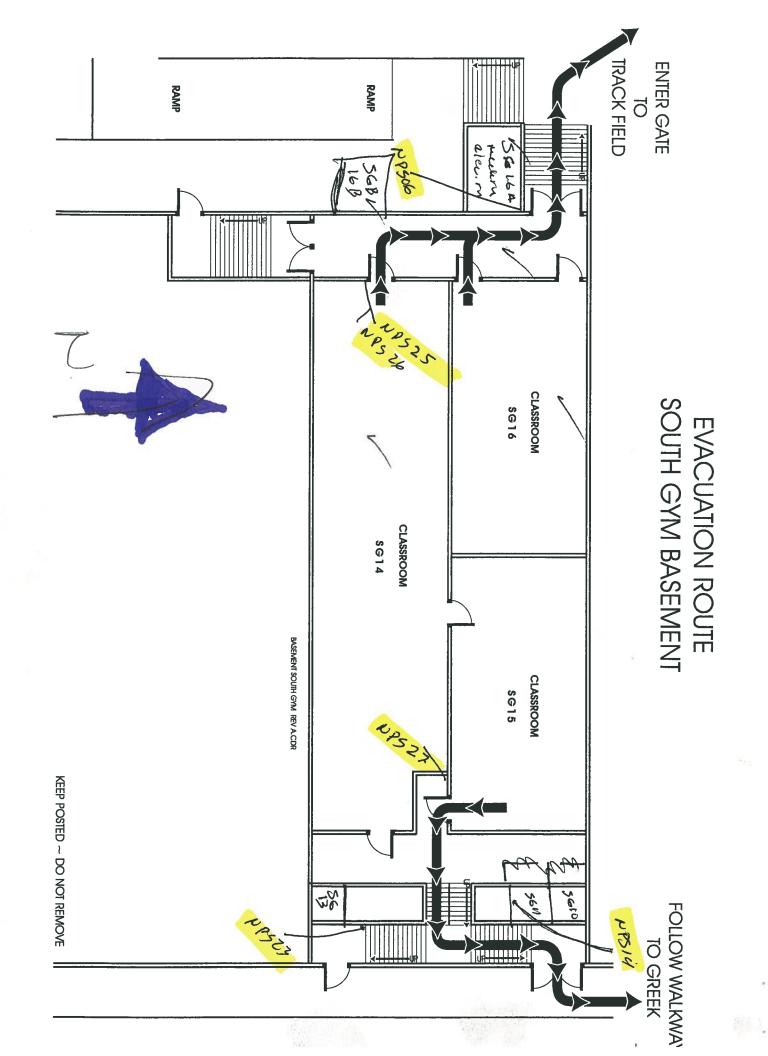
TO GREEK

POOL BUILDING

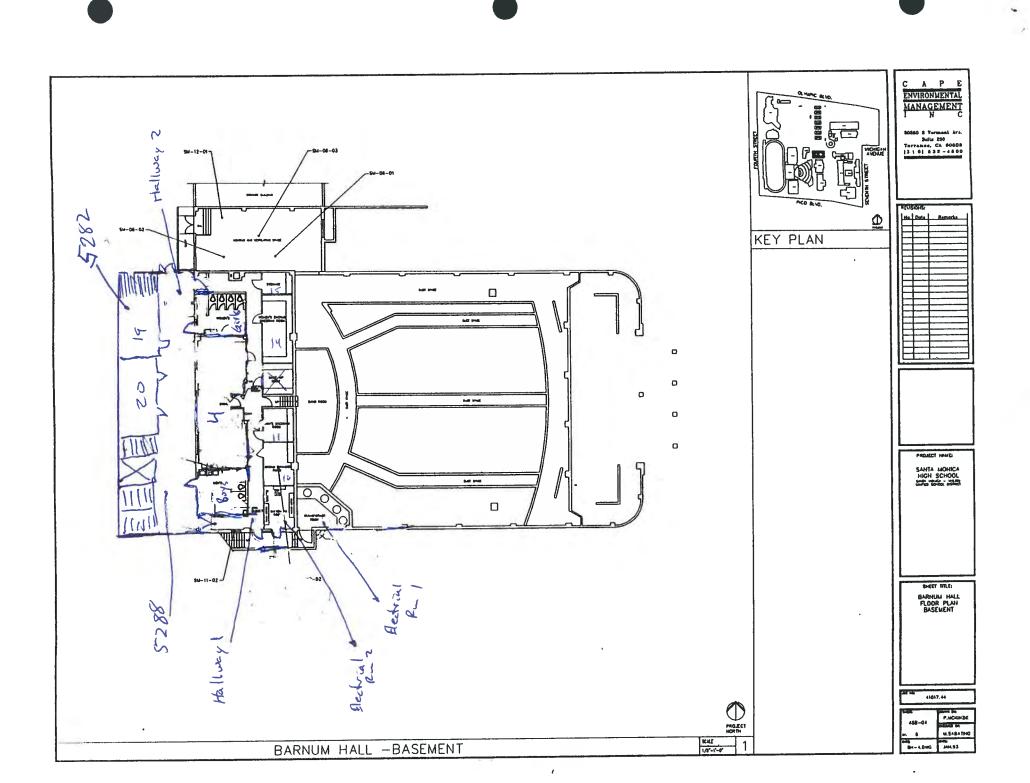
# EVACUATION ROUTE SECOND FLOOR SOUTH GYM

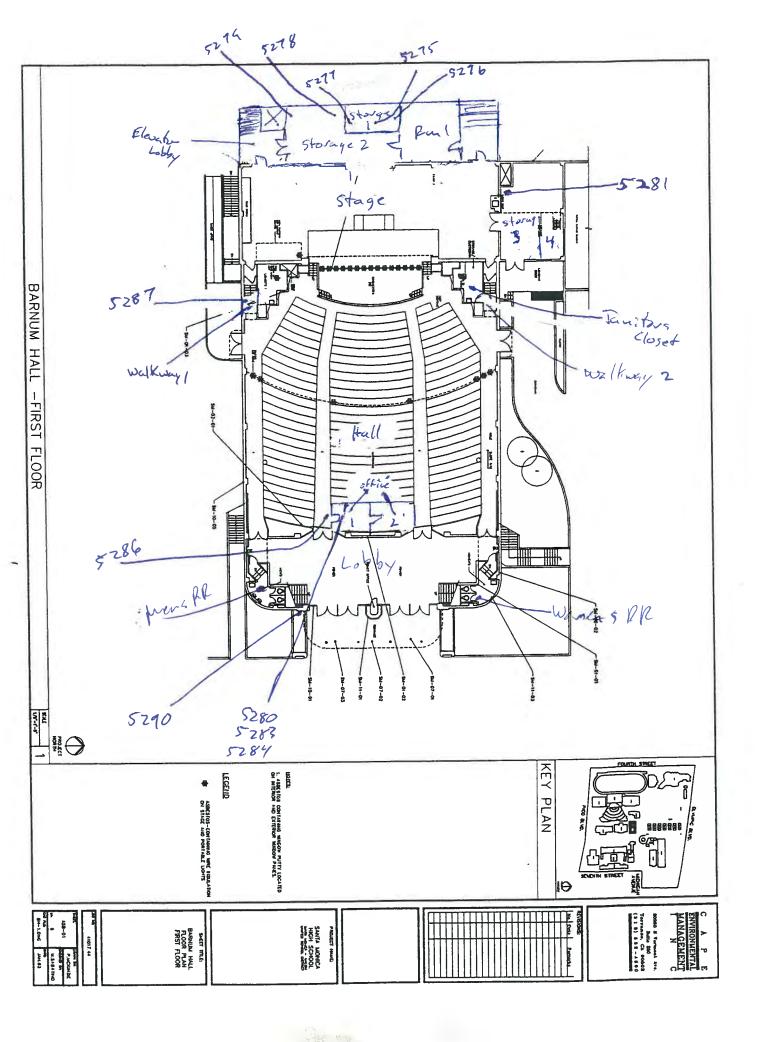


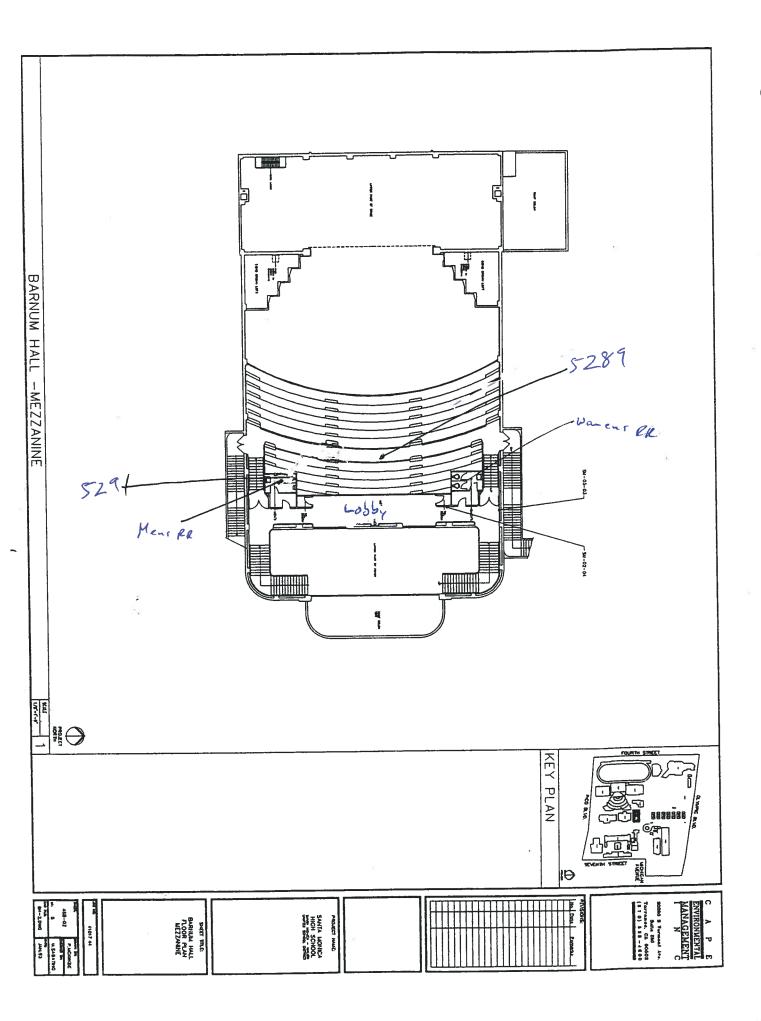


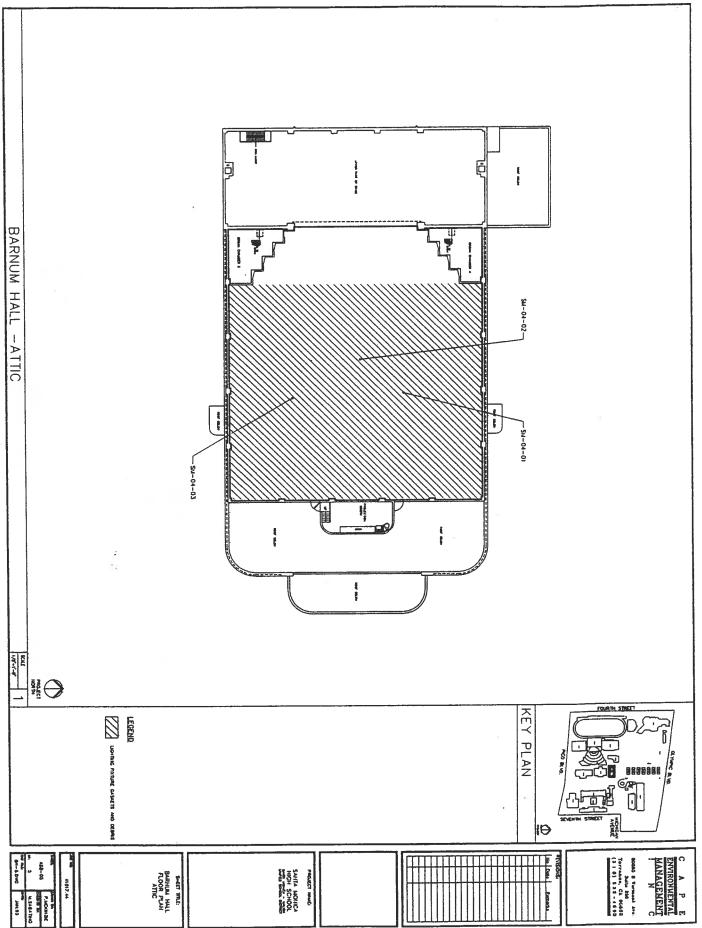


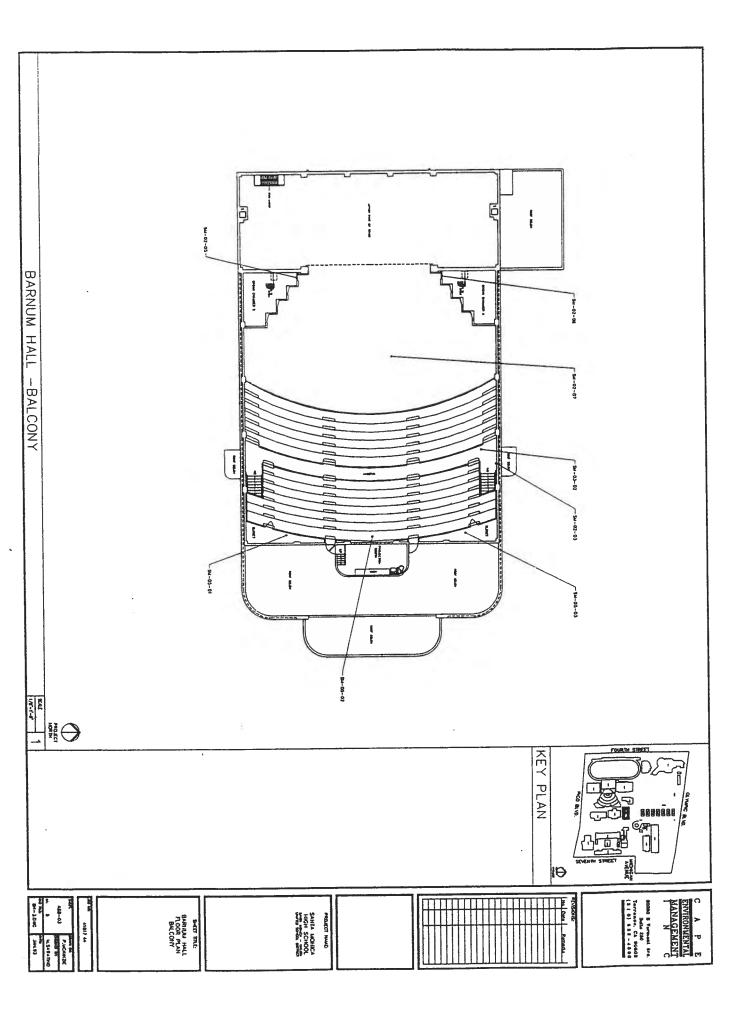
### SOUTH GYM BUILDING FOLLOW WALKWAY TO GREEK Pul GIRLS TEAM ROOM BOYS TEAM ROOM TO P S TO S 6112 GIRLS BOYS RESTROOM Pいの 2580 EVACUATION ROUTE POOL BUILDING KEEP POSTED ~ DO NOT REMOVE TRACK FIELD **GREEK STAGE** POOL REVACOR 2 POOL FOURMENT ROOM NORTH GYM BUILDING











### CLT EMPLOYEE CERTIFICATIONS APPENDIX D

## State of California Division of Occupational Safety and Health Certifled Site Surveillance Technician

Victor M Sanchez

Certification No. _08_4347

The contingion was bound by the Orision of Couportrail Sately and health as authorized by Sedizes 7180 or seq. of the Bridless and Professoric Code.



# Certificate Of Completion Victor Sanchez

Has attended and completed the training course entitled:

# Asbestos Contractor/Supervisor Refresher Course

DOSH Course # CA-015-04
Certificate # AASR061507004N

Start Date: 06/15/07

Course End Date: 06/15/2007
Expiration Date: 06/14/08
Instructor: Orville Allan

Training Director: Al Signature:

Alan D Dages

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

### NATEC INTERNATIONAL

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757 1100 Technology Circle - Suite A, Anaheim, CA 92805

### Certificate Of Completion Victor Sanchez

Has attenaea ana completed the training course entitled:

# Asbestos Building Inspector Refresher Course

Signature: Training Diractor: Certificate # BIRC0831070051 DOSH Course # CA-015-06

Start Date: 08/31/07

Expiration Date: 08/30/08 Course End Date: 08/31/2007

Instructor: John Vreeland

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

## NATEC INTERNATIONAL

www.natecintl.com 714/678-2750 800/969-3228 (FAX) 714/678-2757 1100 Technology Circle - Suite A, Anaheim, CA 92805

### **APPENDIX E**

### CAPE ENVIRONMENAL SURVEY REPORT

TABLE 2.1

### SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS TECHNICAL BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
		NA P
TB-01-01	Ductwork insulation	NAD
TB-01-02	Ductwork insulation	NAD
TB-01-03	Ductwork insulation	NAD
TB-02-A-01	Gypsum board walls	NAD
TB-02-A-02	Gypsum board walls	NAD
TB-02-B-01	Gypsum board wall joint compound	NAD
TB-02-B-02	Gypsum board wall joint compound	NAD
TB-02-B-03	Gypsum board wall joint compound	NAD
15-02 5 03	of t	
TB-03-01	Domestic water insulation	NAD
TB-04-01	Heat water insulation	NAD
TB-05-01	Rough plaster walls & ceiling-boiler room	NAD
TB-05-02	Rough plaster walls & ceiling-boiler room	NAD
TB-05-03	Rough plaster walls & ceiling-boiler room	NAD
TB-07-01	2'x 4' ceiling tile-random groove & pinhole	NAD
TB-07-02	2'x 4' ceiling tile-random groove & pinhole	NAD
TB-07-03	2'x 4' ceiling tile-random groove & pinhole	NAD
12 01 00		
TB-10-01	Duct tape on HVAC system	NAD
TB-10-02	Duct tape on HVAC system	NAD
TB-10-03	Duct tape on HVAC system	NAD
TB-11-01	1'x 1' acoustical wall tile	NAD
TB-11-02	I'x I' acoustical wall tile	NAD
TB-11-03	1'x 1' acoustical wall tile	NAD
TB-11-01-A	Mastic for 1'x 1' acoustical wall tile	NAD
TB-14-01	1'x 1' ceiling tile-random peghole	NAD
TB-14-02	1'x 1' ceiling tile-random peghole	NAD
TB-14-03	l'x 1' ceiling tile-random peghole	NAD
TB-14-01-A	Mastic for 1'x 1' ceiling tile-random peghole	NAD
TB-14-02-A	Mastic for 1'x 1' ceiling tile-random peghole	NAD
TB-14-03-A	Mastic for 1'x 1' ceiling tile-random peghole	NAD
TB-15-01	9"x 9" f.t. beige and mastic	3% chrysotile (T)
		Trace chrysotile (M)
TB-16-01	Plasterboard walls & ceilings	NAD
TB-16-02	Plasterboard walls & ceilings	NAD
TB-16-03	Plasterboard walls & ceilings	NAD
TB-17-01	Rough plaster wall-interior	NAD
TB-17-02	Rough plaster wall-interior	NAD
TB-17-03	Rough plaster wall-interior	NAD
TB-18-01	Domestic water pipe insulation-canvas wrap over fiberglass	NAD
TB-18-02	Domestic water pipe insulation-canvas wrap over fiberglass	NAD
TB-18-03	Domestic water pipe insulation-canvas wrap over fiberglass	NAD

### SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS TECHNICAL BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE <u>NUMBER</u>	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
TB-19-01	Domestic water pipe fitting insulation	3% chrysotile
TB-19-02	Domestic water pipe fitting insulation	4% amosite 5% chrysotile
TB-19-03	Domestic water pipe fitting insulation	5% amosite 5% chrysotile 5% amosite
TB-20-01	Base cove and mastic	NAD
TB-20-02 TB-20-03	Base cove and mastic Base cove and mastic	NAD NAD
TB-22-01 TB-22-02	Built-up roof w/gravel surface Built-up roof w/gravel surface	NAD NAD
TB-22-03	Built-up roof w/gravel surface	NAD
TB-23-01 TB-23-02 TB-23-03	Roof perimeter base flashing Roof perimeter base flashing Roof perimeter base flashing	5% chrysotile 10% chrysotile 5% chrysotile
TB-24-01 TB-24-02 TB-24-03	Roof penetration base flashing Roof penetration base flashing Roof penetration base flashing	3% chrysotile 3% chrysotile NAD
TB-25-02	Exterior stucco Exterior stucco	3% chrysotile 3% chrysotile
TB-25-03 TB-25-04 TB-25-05	Exterior stucco Exterior stucco	3% chrysotile 2% chrysotile
TB-26-01	Parquet mastic	NAD
TB-26-02 TB-26-03	Parquet mastic Parquet mastic	NAD NAD
TB-27-01 TB-27-02	Pipe fitting insulation Pipe fitting insulation	30% chrysotile 30% chrysotile
TB-28-01	Pipe insulation	30% chrysotile 30% amosite
TB-28-02	Pipe insulation	20% chrysotile 30% amosite
TB-29-01 TB-29-02	Pipe fitting insulation Pipe fitting insulation	40% chrysotile 25% chrysotile
TB-30-01	Pipe insulation	10% chrysotile 40% amosite
TB-30-02	Pipe insulation	10% chrysotile 40% amosite
TB-31-01	Fune hood lining	30% chrysotile 10% amosite
TB-31-02	Fume hood lining	30% chrysotile 10% amosite
TB-31-03	Fume hood lining	30% chrysotile 10% amosite
TB-32-01 TB-32-02 TB-32-03	Lab top counter Lab top counter Lab top counter	NAD NAD NAD

### SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS TECHNICAL BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
TB-34-01	Paint coating	2% chrysotile
TB-34-02	Paint coating	2% chrysotile
TB-34-03	Paint coating	2% chrysotile
TB-35-01	Substrate	VOID
TB-35-02	Substrate	NAD
TB-35-03*	Substrate	3% chrysotile

^{*} cross contamination from paint coating

TB-32-03	Lab top counter	NAD
TB-33-01 TB-33-02 TB-33-03	Lab top counter Lab top counter Lab top counter	20% chrysotile 30% chrysotile 20% chrysotile

### SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS ENGLISH BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
E-1-01	Plaster wall	NAD
E-1-02	Plaster wall	NAD
E-1-03	Plaster wall	NAD
E-1-04	Plaster wall	NAD
E-1-05	Plaster wall	NAD
E-1-06	Plaster wall	NAD
E-1-07	Plaster wall	NAD
E-2-01	Soft plaster ceiling	5% chrysotile
E-2-02	Soft plaster ceiling	5% chrysotile
E-2-03	Soft plaster ceiling	5% chrysotile
E-3-01	1'x1' ceiling tile	NAD
E-3-02	1'x1' ceiling tile	NAD
E-3-03	1'x1' ceiling tile	NAD
E-4-01	Plaster ceiling	NAD
E-4-02	Plaster ceiling	NAD
E-4-03	Plaster ceiling	NAD
2 1 05		

### SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS VISUALLY HANDICAPPED BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
VH-01-01	Baseboard with mastic	. NAD
VH-01-02 VH-01-03	Baseboard with mastic Baseboard with mastic	NAD NAD
VH-02-01	Wall material with mastic	NAD
VH-02-02 VH-02-03	Wall material with mastic	NAD NAD
VH-03-01	Window caulking	20% chysotile
VH-03-02	Window caulking	20% chysotile
VH-03-03	Window caulking	20% chysotile
VH-04-01	Roofing composite	NAD
VH-04-02 YH-04-03	Roofing composite Roofing composite	NAD NAD

## **TABLE 2.2**

# SUMMARY OF QUALITY CONTROL LABORATORY RESULTS

SAMPLE NUMBER	PRIMARY LAB RESULTS		QUALITY CONTROL LAB RESULTS
	**	545	
QC-LL-03-01	15% chrysotile		1% chrysotile
QC-LL-05-01	NAD		NAD
QC-LL-07-01	NAD		NAD
QC-LL-12-01	NAD		NAD
QC-LL-17-01	NAD		NAD

NAD = NO ASBESTOS DETECTED

Trace = <1% Asbestos Detected

### TABLE 2.1

# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS LANGUAGE BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
LL-01-01	Chilled water pipe insulation	NAD
LL-01-02 LL-01-03	Chilled water pipe insulation Chilled water pipe insulation	NAD NAD
LL-02-01	Chilled water pipe fittings insulation	NAD
LL-02-02 LL-02-03	Chilled water pipe fittings insulation Chilled water pipe fittings insulation	NAD NAD
LL-03-01	Heat water pipe fitting insulation	15% chrysotile
LL-03-02 LL-03-03	Heat water pipe fitting insulation Heat water pipe fitting insulation	10% chrysotile 15% chrysotile
LL-04-01	Heat water pipe fitting insulation	NAD
LL-04-02 LL-04-03	Heat water pipe fitting insulation Heat water pipe fitting insulation	NAD NAD
LL-05-01	Rough plaster walls	NAD
LL-05-02 LL-05-03	Rough plaster walls Rough plaster walls	NAD NAD
LL-06-01	Type on HVAC duc	NAD
LL-06-02 LL-06-03	Tape on HVAC duc Tape on HVAC duc	NAD NAD
LL-07-01	Smooth plaster walls & ceilings	NAD
LL-07-02	Smooth plaster walls & ceilings	NAD
LL-07-03	Smooth plaster walls & ceilings	NAD
LL-07-04	Smooth plaster walls & ceilings	NAD NAD
LL-07-05 LL-07-06	Smooth plaster walls & ceilings Smooth plaster walls & ceilings	NAD
LL-07-06 LL-07-07	Smooth plaster walls & ceilings	NAD
LL-07-08	Smooth plaster walls & ceilings	NAD
LL-07-09	Smooth plaster walls & ceilings	NAD



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# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS LANGUAGE BUILDING - SANTA MONICA HIGH SCHOOL

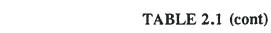
SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
LL-08-01	9'x 9' floor tile beige and tan	3% chrysotile
LL-08-02	9'x 9' floor tile beige and tan	3% chrysotile
LL-08-03	9'x 9' floor tile beige and tan	10% chrysotile
LL-08-04	9'x 9' (beige) and tan mastic	8% chrysotile
LL-08-05	9'x 9' cream floor tile	5% chrysotile
LL-08-05	9'x 9' floor tile mastic/cream	20% chrysotile
LL-09-01	1'x 1' random peg hole ceiling tile	NAD
LL-09-02	1'x 1' random peg hole ceiling tile	NAD
LL-09-03	1'x 1' random peg hole ceiling tile	NAD
LL-09-A-01	Ceiling tile mastic	NAD
LL-09-A-02	Ceiling tile mastic	NAD
LL-09-A-03	Ceiling tile mastic	NAD
LL-10-01	Gypsum board panel walls	NAD
LL-10-02	Gypsum board panel walls	NAD
LL-10-03	Gypsum board panel walls	NAD
LL-11-01	Vinyl stair tread	NAD
LL-12-01	Silver roofing material	NAD
LL-12-02	Silver roofing material	NAD
LL-12-03	Silver roofing material	NAD
LL-13-01	Base flashing roof panel	NAD
LL-13-02	Base flashing roof panel	5% chrysotile
LL-13-03	Base flashing roof panel	NAD
LL-14-01	Exterior stucco	2% chrysotile
LL-14-02	Exterior stucco	2% chrysotile
LL-14-03	Exterior stucco	3% chrysotile
LL-14-04	Exterior stucco	2% chrysotile
LL-14-05	Exterior stucco	2% chrysotile

# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS LANGUAGE BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
LL-15-01	Exterior stucco overhang	3% chrysotile
LL-15-02	Exterior stucco overhang	2% chrysotile
LL-15-03	Exterior stucco overhang	3% chrysotile
LL-15-04	Exterior stucco overhang	2% chrysotile
LL-15-05	Exterior stucco overhang	2% chrysotile
LL-16-01	Ceiling access panels	3% chrysotile
LL-17-01	Mastic on chilled water pipe insulation lines	NAD
LL-18-02	Domestic hot water pipe insulation	NAD
LL-19-01	Rough plaster ceilings	NAD
LL-19-02	Rough plaster ceilings	NAD
LL-19-03	Rough plaster ceilings	NAD
LL-19-04	Rough plaster ceilings	NAD
LL-20-01	Gypsum ceilings	NAD
LL-20-02	Gypsum ceilings	NAD
LL-20-03	Gypsum ceilings	NAD

# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS DRIVER TRAINING BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULT
DT-01-01 DT-01-02 DT-01-03	Ceiling plaster Ceiling plaster Ceiling plaster	NAD NAD NAD
DT-02-01 DT-02-02 DT-02-03	Wall plaster Wall plaster Wall plaster	NAD NAD NAD
DT-02-01 DT-02-02 DT-02-03	Exterior stucco Exterior stucco Exterior stucco	2% chysotile NAD NAD
DT-03-01 DT-03-02 DT-03-03	Roofing composite Roofing composite Roofing composite	NAD NAD NAD
DT-05-01 DT-05-02 DT-05-03	Roof flashing Roof flashing Roof flashing	15% chysotile 5% chysotile 5% chysotile



# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS SPEECH BUILDING - SANTA MONICA HIGH SCHOOL

* Could not Find Building

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
SP-01-01	Ceiling tile 12"x12"	NAD
SP-01-01 SP-01-02	Ceiling tile 12 x12  Ceiling tile 12"x12"	NAD
	Ceiling tile 12 x12 Ceiling tile 12"x12"	NAD
SP-01-03	Cening the 12 x12	NAD
SP-02-01	Cementious ceiling material	NAD
SP-02-02	Cementious ceiling material	NAD
SP-02-03	Cementious ceiling material	NAD
51 02 03		
SP-03-01	Exterior stucco	NAD
SP-03-02	Exterior stucco	NAD
SP-03-03	Exterior stucco	NAD
SP-04-01	Exterior sealant	20% chysotile
SP-04-02	Exterior sealant	20% chysotile
SP-04-03	Exterior sealant	20% chysotile
SP-05-01	Roofing composite	NAD
SP-05-02	Roofing composite	NAD
SP-05-03	Roofing composite	NAD
SP-06-01	Roof mastic (flashing sealant) black	20% chysotile
SP-06-02	Roof mastic (flashing sealant) black	20% chysotile
SP-06-03	Roof mastic (flashing sealant) black	20% chysotile
SP-07-01	Roof mastic (flashing sealant) white	25% chysotile
SP-07-02	Roof mastic (flashing sealant) white	25% chysotile
SP-07-03	Roof mastic (flashing sealant) white	25% chysotile
	, ,	·
SP-08-01	HVAC flex connection	10% chysotile
SP-08-02	HVAC flex connection	10% chysotile
SP-06-03	HVAC flex connection	10% chysotile

TABLE 2.2

## SUMMARY OF QUALITY CONTROL BULK SAMPLE ANALYSIS FOR SUSPECT ASBESTOS-CONTAINING MATERIALS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	PRIMARY LAB RESULTS	QUALITY CONTROL LAB RESULTS
SCI-11-3	NAD	NAD
SCI-17-1	20% chrysotile	15% chrysotile
SCI-21-1	15% chrysotile	15% chrysotile
SCI-23-1	NAD	NAD
SCI-27-2	NAD	NAD
SCI-29-2	Trace chrysotile	NAD
SCI-30-3	3% chrysotile	3% chrysotile

NAD = NO ASBESTOS DETECTED

TABLE 2.1

SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIAL BULK SAMPLE COLLECTION AND ANALYSIS RESULTS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
SCI-1-1 SCI-1-2 SCI-1-3	Tan linoleum Tan linoleum Tan linoleum	25% chrysotile 30% chrysotile 35% chrysotile
SCI-2-1	12"x 12" brown floor tile & mastic	T - NAD M - NAD
SCI-2-2	12"x 12" brown floor tile & mastic	T - NAD M - NAD
SC1-2-3	12"x 12" brown floor tile & mastic	T - NAD M - NAD
SCI-3-1	9"x 9" green floor tile & mastic	T - 10% chrysotile M - 7% chrysotile
SCI-4-1	12"x 12" blue floor tile & mastic	T - NAD M - NAD
SCI-4-2	12"x 12" blue floor tile & mastic	T - NAD M - Trace
SCI-4-3	12"x 12" blue floor tile & mastic	T - NAD M - NAD
SCI-5-1	12"x 12" grey floor tile & mastic	T - NAD M - Trace
SCI-5-2	12"x 12" grey floor tile & mastic	T - NAD M - Trace
SCI-5-3	12"x 12" grey floor tile & mastic	T - NAD M - NAD
SCI-6-1	9"x 9" red floor tile & mastic	T - 5% chrysotile M - 10% chrysotile
SCI-7-1	9"x 9" grey floor tile & mastic	T - 10% chrysotile M - 10% chrysotile
SCI-8-1	Sink undercoating	15% chrysotile
SCI-8-2	Sink undercoating	15% chrysotile
SC1-8-3	Sink undercoating	15% chrysotile
SC1-9-1	Cementious-type sink	NAD
SCI-10-1	Smooth plaster walls	NAD
SCI-10-2	Smooth plaster walls	NAD
SCI-10-3	Smooth plaster walls	NAD
SCI-10-4	Smooth plaster walls	NAD
SCI-10-5	Smooth plaster walls	NAD
SCI-10-6	Smooth plaster ceilings	NAD
SCI-10-7	Smooth plaster ceilings	NAD

### TABLE 2.1 (continued)

# SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIAL BULK SAMPLE COLLECTION AND ANALYSIS RESULTS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
SCI-10-8	Smooth plaster ceilings	NAD
SCI-10-9	Smooth plaster ceilings	NAD
SCI-10-10	Smooth plaster ceilings	NAD
SCI-11-1	Black baseboard & mastic	B - NAD
		M - NAD
SCI-11-2	Black baseboard & mastic	B - NAD
		M - NAD
SCI-11-3	Black baseboard & mastic	B - NAD
		M - No mastic
		D. MAD
SCI-12-1	Brown baseboard & mastic	B - NAD
	B 10 1 0 1 A 10 1	M - NAD
SCI-12-2	Brown baseboard & mastic	B - NAD
	m 1 1 1 1 2 2 2	M - NAD B - Trace
SCI-12-3	Brown baseboard & mastic	
		M - NAD
SCI-13-1	Fume hood - new	NAD
SCI-14-1	Tan baseboard & mastic	B - NAD
		M - NAD
SCI-14-2	Tan baseboard & mastic	B - NAD
		M - NAD
SCI-14-3	Tan baseboard & mastic	B - Trace
		M - NAD
SCI-15-1	1'x 1' ceiling tile-straight peghole & mastic	T - NAD
		M - NAD
SCI-15-2	1'x 1' ceiling tile-straight peghole & mastic	T - NAD
		M - NAD
SCI-15-3	1'x 1' ceiling tile-straight peghole & mastic	T - NAD
		M - NAD
		70 -1
SCI-16-1	Domestic water pipe insulation	7% chrysotile
		15% amosite
SCI-16-2	Domestic water pipe insulation	10% chrysotile
		15% amosite
SCI-16-3	Domestic water pipe insulation	7% chrysotile
		15% amosite
SCI-17-1	Transite-type fume hood liners	20% chrysotile
SCI-18-1	Domestic water pipe fitting insulation	5% chrysotile
DC1-10-1	b.b	15% amosite
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# TABLE 2.1 (continued) SUMMARY OF SUSPECT ASBESTOS-CONTAINING MATERIAL BULK SAMPLE COLLECTION AND ANALYSIS RESULTS - SCIENCE BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE <u>NUMBER</u>	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
SCI-18-2	Domestic water pipe fitting insulation	10% chrysotile 15% amosite
SCI-18-3	Domestic water pipe fitting insulation	3% chrysotile 20% amosite
SCI-20-1 SCI-20-2 SCI-20-3	Canvas HVAC duct insulation Canvas HVAC duct insulation Canvas HVAC duct insulation	NAD Trace NAD
SCI-21-1 SCI-21-2 SCI-21-3	Laboratory counter top Laboratory counter top Laboratory counter top	15% chrysotile 15% chrysotile 15% chrysotile
SCI-23-1	Flexible HVAC vibration damper	NAD
SC1-25-1	Tank insulation	7% chrysotile 20% amosite
SCI-25-2	Tank insulation	5% chrysotile 20% amosite
SCI-25-3	Tank insulation	7% chrysotile 20% amosite
SCI-27-1 SCI-27-2	2'x 4' lay-in ceiling tile 2'x 4' lay-in ceiling tile	NAD NAD
SCI-27-3	2'x 4' lay-in ceiling tile	NAD
SCI-29-1 SCI-29-2 SCI-29-3	HVAC duct joint tape HVAC duct joint tape HVAC duct joint tape	NAD Trace NAD
SCI-30-1 SCI-30-2	Putty on windows Putty on windows	2% chrysotile 2% chrysotile
SCI-30-3	Putty on windows	3% chrysotile
NAD = T = M = B =	NO ASBESTOS DETECTED TILE MASTIC BASEBOARD	

# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS POOL BUILDING - SANTA MONICA HIGH SCHOOL

SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
P-1-01	1'x1' ceiling tile	NAD
P-1-02	1'x1' ceiling tile	NAD
P-1-03	1'x1' ceiling tile	NAD
P-2-01	Gypsum board & joint compound	NAD
P-2-02	Gypsum board & joint compound	NAD
P-2-03	Gypsum board & joint compound	NAD
P-3-01	Fire door insulation	35% chysotile, 20% amosite
P-3-02	Fire door insulation	35% chysotile, 20% amosite
P-3-03	Fire door insulation	35% chysotile, 20% amosite
P-4-01	Plaster walls	NAD
P-4-02	Plaster walls	NAD
P-4-03	Plaster walls	NAD

# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS BARNUM HALL BUILDING - SANTA MONICA HIGH SCHOOL

	SAMPLE NUMBER	MATERIAL DESCRIPTION	LABORATORY ANALYSIS RESULTS
	SM-01-01	Smooth plaster wall	NAD
	SM-01-02	Smooth plaster wall	NAD
	SM-01-03	Smooth plaster wall	NAD
	SM-01-04	Smooth plaster wall	NAD
	SM-02-01	Rough plaster wall and ceiling	NAD
	SM-02-02	Rough plaster wall and ceiling	NAD
	SM-02-03	Rough plaster wall and ceiling	NAD
	SM-02-04	Rough plaster wall and ceiling	NAD
	SM-02-05	Rough plaster wall and ceiling	NAD
	SM-02-06	Rough plaster wall and ceiling	NAD.
	SM-02-07	Rough plaster wall and ceiling	NAD
	SM-03-01	Electrical wire insulation	60% chrysotile
	SM-03-02	Electrical wire insulation	60% chrysotile
	SM-03-03	Electrical wire insulation	60% chrysotile
	SM-03-04	Electrical wire insulation	60% chrysotile
	SM-04-01	Light fixture gaskets	60% chrysotile
	SM-04-02	Light fixture gaskets	60% chrysotile
	SM-04-03	Light fixture gaskets	60% chrysotile
	SM-05-01	Plaster beam covering	NAD
	SM-05-02	Plaster beam covering	NAD
	SM-05-03	Plaster beam covering	NAD
	SM-06-01	Duct tape on HVAC unit	NAD
	SM-06-02	Duct tape on HVAC unit	NAD
	SM-06-03	Duct tape on HVAC unit	NAD
	SM-07-01	Silver roof material	NAD
	SM-07-01	Silver roof material	NAD
	SM-07-02 SM-07-03	Silver roof material	NAD
	SM-10-01	Exterior stucco	NAD
	SM-10-01 SM-10-02	Exterior stucco	NAD
9	SM-10-02 SM-10-03	Exterior stucco	NAD
	21AT_10_02	Later 101 Studee	

# SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS BARNUM HALL BUILDING - SANTA MONICA HIGH SCHOOL

SAMP NUME		LABORATORY ANALYSIS RESULTS
SM-11 SM-11 SM-11	-02 Window putty	NAD NAD 3% chrysotile
SM-12	-01 Domestic hot water pipe insulation with canvas wrap	NAD
NAD	= NO ASBESTOS DETECTED	