



**HAZARDOUS MATERIALS SURVEY REPORT
FOR THE
MODERNIZATION OF BUILDING E
(PACKAGE 1B)
AT
LINCOLN MIDDLE SCHOOL
SANTA MONICA MALIBU UNIFIED SCHOOL DISTRICT
1501 CALIFORNIA AVENUE
SANTA MONICA, CALIFORNIA 90403
PROJECT # DSA#A03-113031/FILE NO. 19-96**

ATC PROJECT NO. 52.25526.0009 (Task 4)

DECEMBER 1, 2010

Prepared by:

ATC Associates Inc.
25 Cupania Circle
Monterey Park, California 91755
Phone: (323) 517-9780
Fax: (323) 517-9781

Prepared for:

Ms. Julia Eiko Hawkinson, AIA, LEED AP
Deputy Program Manager
c/o Parsons/CCM, A Joint Venture
Santa Monica Malibu Unified School District
12100 Wilshire Boulevard
Los Angeles, California 90025

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION.....	3
2.0 ASBESTOS	4
2.1 Sampling Methodology and Analysis	4
2.2 Results	5
2.3 Conclusions and Recommendations	6
3.0 LEAD-CONTAINING MATERIALS	10
4.0 OTHER HAZARDOUS MATERIALS.....	12
4.1 Devices Containing Mercury.....	12
4.2 Equipment Containing Polychlorinated Biphenyls.....	12
4.3 Equipment Containing Chlorofluorocarbons and/or Hydrochlorofluorocarbons.....	13
4.4 Fluorescent Light Tubes	13
4.5 Miscellaneous Hazardous Materials	14
4.6 Conclusions and Recommendations	14
5.0 LIMITATIONS	15
6.0 SIGNATURES.....	16

APPENDICES

APPENDIX A - Asbestos Laboratory Analytical Reports & Sample Logs	17
APPENDIX B – Previous Lead Laboratory Analytical Reports, Sample logs, XRF Logs	18
APPENDIX C - Site Diagrams	19
APPENDIX D - State of California Asbestos and Lead Inspector Certifications	20

1.0 INTRODUCTION

ATC Associates Inc. (ATC) was retained by Santa Monica Malibu Unified School District (SMMUSD) to conduct a hazardous material survey of Building E at Lincoln Middle School located at 1501 California Avenue, Santa Monica California. The purpose of the survey was to determine the presence of hazardous materials located at Building E prior to the modernization and renovation 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, from Building E. The Modernization of Building E which will involve the renovation of the Library (Room 212) and the installation of fire sprinklers throughout the building will impact the interior/exterior walls, ceiling materials, and flooring materials. ATC also conducted inspection of the attic and crawl spaces which will require access for the planned project.

This hazardous materials survey was conducted on November 9 & 10 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. Robert Medina (CSST #99-2673) and (LRCST #1087)

Mr. Carlos A. Galdamez (CAC #98-2379) and (LRCIA #7843)

Prior to this hazardous materials survey, ATC was provided with the following asbestos and lead reports for Lincoln Middle School. Previous surveys are included in Appendices E in this report:

- ACM-LBP-HAZMAT Report, prepared by ATC Associates, Inc. (ATC), dated April 3, 2009.
- Asbestos Survey Project Record, prepared by CTL Environmental Services (CTL), dated May 13, 2008.
- Exterior Lead-Based Paint Survey Project Record, prepared by CTL, dated January 10, 2007.

All field work and report preparation was performed under the direction and guidance of Mr. Carlos A. Galdamez (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 Cal/OSHA.

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 for samples containing less than 1% asbestos). Point

Counting was included in NESHPAP 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

A total of thirty-eight (38) bulk asbestos samples were collected and analyzed by Polarized Light Microscopy (PLM) with dispersion staining.

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 – Building E

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
126	Attic Space	TSI – Pipe Insulation & Associated Debris	~ 30 LF ~ 20 SF	15% Chrysotile 10% Amosite
127	Attic Space	Sheet flooring, Brown Battleship	N/A	ND
128	Attic Space	Sheet flooring, Brown Battleship	N/A	ND
129	Attic Space	Sheet flooring mastic, Brown Battleship	N/A	ND
130	Attic Space	Roofing Debris	N/A	ND
131	Attic Space	Roofing Debris	N/A	ND
132	Attic Space	Roofing Debris	N/A	ND
133	Room 205	2'x2' Fissured Ceiling Tiles (Lay-In)	N/A	ND
134	Room 211	2'x2' Fissured Ceiling Tiles (Lay-In)	N/A	ND
135	Room 217	2'x2' Fissured Ceiling Tiles (Lay-In)	N/A	ND
136, 139	Room 212 (Library)	12"x12" Random Holes Wall Tiles and Associated Mastic	N/A	ND
137, 140	Room 218	12"x12" Random Holes Wall Tiles and Associated Mastic	N/A	ND
138, 141	Room 220	12"x12" Random Holes Wall Tiles and Associated Mastic	N/A	ND

Sample #	Sampling Location	Material Description	Approx. Quantity	Analysis Results
142, 145	Room 212 (Library)	12"x12" Fissured Wall Tiles and Associated Mastic	N/A	ND
143, 146	Room 212 (Library)	12"x12" Fissured Wall Tiles and Associated Mastic	N/A	ND
144, 147	Room 212 (Library)	12"x12" Fissured Wall Tiles and Associated Mastic	N/A	ND
148	Room 217	4" Gray Base Cove and Associated Mastic	N/A	ND
149	Room 212	4" Gray Base Cove and Associated Mastic	N/A	ND
150	2 nd Floor Hallway	4" Gray Base Cove and Associated Mastic	N/A	ND
151	2 nd Floor Boy's Restroom Wall Cavity	Black – Wall Barrier Moister Paper	N/A	ND
152, 155	1 st Floor Hallway above the 2'x4' Ceiling Tiles	12"x12" Straight Holes Ceiling Tiles and Associated Mastic	N/A	ND
153, 156	1 st Floor Hallway above the 2'x4' Ceiling Tiles	12"x12" Straight Holes Ceiling Tiles and Associated Mastic	N/A	ND
154, 157	1 st Floor Hallway above the 2'x4' Ceiling Tiles	12"x12" Straight Holes Ceiling Tiles and Associated Mastic	N/A	ND
158	1 st Floor @ Hallway above the Ceiling Tiles	Fireproofing-Like Material (Gray)	N/A	ND
159	1 st Floor @ Hallway above the Ceiling Tiles	Fireproofing-Like Material (Gray)	N/A	ND
160	1 st Floor @ Hallway above the Ceiling Tiles	Fireproofing-Like Material (Gray)	N/A	ND
161	Crawl Spaces	TSI – Air Cell Pipe Debris	~200 SF	60% Chrysotile
162	Crawl Spaces	TSI – Pipe Insulation Debris	~300 SF	10% Chrysotile 15% Amosite
163	Attic Space above Room 308	TSI – Pipe Fittings (Elbows) Debris	~10 SF	10% Chrysotile 15% Amosite

ND = None Detected

N/A = Not Applicable

SF = Square Feet

LF = Linear Feet

2.3 Conclusions and Recommendations

Based on the ATC survey results and previous ATC's survey and CTL survey, 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 Approximate Quantities (Building E)

Material Description	Location	Condition	Friable (F) / Non-Friable (NF)	Results	Approx. Quantity
9" x 9" Floor tile, light brown & Mastic	Rooms 110, 110A, 110B, 110C (Underneath the 12"x12" Floor Tiles)	Good	NF	7% Chrysotile	900 SF
9" x 9" Floor tile, tan & Mastic	Room 116 (Underneath the 12"x12" Floor Tiles)	Good	NF	5% Chrysotile	1,800 SF
9"x9" Floor Tile, dark green, & Mastic	Rooms 111, 111A (Under the Carpet)	Good	NF	7% Chrysotile	1,000 SF
Pipe insulation	Attic Space and Crawl Spaces	Poor	F	20% Chrysotile 10% Amosite	30 LF (Attic) 300 LF (Crawl Space)
Pipe insulation debris	Attic Space and Crawl Spaces	Poor	F	20% Chrysotile 7% Amosite	20 SF (Attic) 300 SF (Crawl Spaces) 6,300 SF (Crawl Space)
Air Cell Pipe Insulation Debris	Crawl Spaces	Poor	F	60% Chrysotile	200 SF 6,300 SF (Crawl Space)
Pipe Insulation Fittings (Elbows)	1 st Floor Ceiling Space above the Drywall and Plaster Ceiling	Unk.	F	10% Chrysotile 15% Amosite	Unk.*
Cement fitting	Bldg. E – Basement, Storage Area, Southwest Closets	Good	NF	20% Chrysotile 10% Amosite	4 EA
Stucco	Bldg. E – Exterior Walls	Good	NF	<1% Amosite 3% Chrysotile	14,000 SF
Window putty	Bldg. E – Exterior Windows	Good	NF	4% Chrysotile	900 LF
Wallboard & joint compound	Bldg. E – Floor 1/ 102, 104, 106, 118, 120, Floor 2/ 202, 204, 206, 212, 212A, 212B, 212C, 212D (Above the Ceiling Tiles)	Fair	NF	1% Actinolite 3% Chrysotile	6,300 SF
Roofing mastic, black	Bldg. E – S/W Roof	Good	NF	10% Chrysotile	200 SF

SF = Square Feet

LF = Linear Feet

NA = Not Applicable

*Unk. – Unknown

*At the time of the inspection, ATC was not able to determine the entire condition and estimate of how many pipe fittings (elbows) are present throughout the building. ATC was able to determined that the pipe fittings are located above the drywall ceiling and plaster ceiling on the 1st floor of the building.

If additional suspect materials are observed by the contractor during the planned project, the consultant should be notified and the presence of these materials should be verified. All materials listed above should be removed and disposed of as ACM prior to any modernization/demolition 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.

Prior to the planned modernization activities, ATC recommends removal of the ACMs and ACCMs noted above that will be disturbed. Contractors must use asbestos safe work practices when disturbing the material listed above. In regards to the attic and crawl spaces, clean up of the pipe insulation debris is required prior to any access to these areas.

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 CAL/OSHA) respectively, and South Coast Air Quality Management District (SCAQMD) regulations.

CAL/OSHA 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.

Notes:

- 1) ATC observed fiberglass pipe insulation with ACM pipe fittings (Elbows) above the drywall and plaster ceiling which are above the lay-in ceiling tiles throughout the 1st floor. At the time of the inspection, ATC only observe several spot on the 1st floor where the drywall ceiling and plaster ceiling had an opening to observe the pipe fittings (elbows) and where intact at that time with no damages or debris.
- 2) At the time of the inspection, ATC was not able to verify any windows which were covered during the last renovation to the Library (Room 212); however, if the windows are still present, then the window putty is assumed to be asbestos until testing can be conducted.
- 3) At the time of the inspection, the attic space is off-limits until decontamination of the pipe insulation debris is conducted.
- 4) At the time of the inspection, the crawl spaces located in the basement of the building are off-limits until decontamination is conducted.

3.0 LEAD-CONTAINING MATERIALS

ATC's field technicians conducted a visual inspection of Building E and determined that no additional testing and/or sampling were required. The table below identifies the lead-containing materials located in Building E. A copy of the ATC's previous report is located in Appendix B of this report.

Table III – Lead-Containing Materials and Quantities (Building E)

Material Description	Location	Condition	Approx Quantity
Wood Door, orange	Basement / 116	Peeling	1 EA
Wood Support Column, yellow	Basement / 116	Peeling	5 EA
Wood Door Frame, yellow	Basement / 116	Intact	1 EA
Wood Baseboard, tan	Floor 1 / 109	Intact	40 LF
Wood Baseboard, tan	Floor 1 / 111A	Intact	12 LF
Wood Baseboard, tan	Floor 1 / 117A Conference Room	Intact	54 LF
Wood Window Sill, tan	Floor 1 / 156	Peeling	1 EA
Metal Vault Door, blue	Floor 1 / Main Office	Intact	1 EA
Wood Baseboard, tan	Floor 2 / 205	Intact	64 LF
Cast Iron Sink, white	Floor 2 / 212D	Intact	1 EA
Cast Iron Sink, white	Floor 2 / 215 Faculty Lounge	Intact	1 EA
Metal Ladder, tan	Floor 2 / 215 Faculty Lounge	Intact	1 EA
Wood Baseboard, tan	Floor 2 / 217	Intact	65 LF
Wood Door Casing, tan	Floor 2 / 217	Intact	2 EA
Wood Window Sill, white	Floor 2 / 217	Intact	5 EA
Wood Door Casing, tan	Floor 2 / 217A	Intact	1 EA
Metal Water Heater Platform, tan	Floor 2 / 217A Custodian Room	Intact	1 EA
Wood Door Casing, tan	Floor 2 / 221	Intact	1 EA
Wood Window Sill, white	Floor 2 / 221	Intact	5 EA
Wood Door Casing, tan	Floor 2 / 223	Intact	1 EA
Wood Window Sill, white	Floor 2 / 223	Intact	6 EA
Concrete Riser, white	Floor 2 / Center Stairwell	Intact	12 LF
Wood Baseboard, tan	Floor 2 / Hallway	Intact	600 LF
Masonry Stair Riser, tan	Floor 2 / Stairs	Intact	12 LF

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. Based on the ATC previous survey results and the CTL exterior lead survey, the lead-containing materials listed above meets 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).

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 µg/m³ for an 8-hour time-weighted average). The OSHA Lead Construction Standard also lists an Action Level of 30 µg/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.

If lead-containing material, LBP or LCP will be impacted (activities 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 demolition, 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 Building E 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. There was no change from ATC's previous report. Below is a summary of the hazardous materials from the previous report.

4.1 Devices Containing Mercury

From ATC's previous report no thermostats were observed throughout Building E but fifteen (15) Mercury Vapor Lights (MVL) throughout the interior and exterior of Building E were observed.

Table IV – Devices Containing Mercury

Building	Material / Approx. Quantity
Building E	Thermostats – 0 MVLs – 15

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.

4.2 Equipment Containing Polychlorinated Biphenyls

From ATC's previous report, approximately one-thousand one hundred (1,100) ballasts throughout the classrooms and offices in Building E. All ballasts that potentially contain PCBs should be closely inspected and removed prior to the planned modernization project.

Table V – Ballast Locations and Quantities

Building	Approx. Quantity
Building E	1,100

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.

All PCB light ballasts 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 the planned modernization project.

4.3 Equipment Containing Chlorofluorocarbons and Hydrochlorofluorocarbons

From ATC's previous report, approximately two (2) air conditioning units were observed in Building E. These units may contain CFC's or HCFC's (Freon) and should be properly recovered prior to any impact to the units.

Table VI – Air Conditioning Unit Locations and Quantities

Building	Approx. Quantity
Building E	2

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. The entity recovering these refrigerants must be registered with the DNR and supply documentation to whomever receives the scrapped equipment that the refrigerants were properly removed.

4.4 Fluorescent Light Tubes

From ATC's previous report, approximately two thousand and two hundred (2,200) fluorescent light tubes and eleven (11) Compact Fluorescent Lights (CFLs) throughout the classrooms and offices in Building E. These tubes should be removed and disposed if impacted by the planned modernization project.

Table VII – Fluorescent Light Tube / CFLs Locations and Quantities

Building	Material / Approx. Quantity
Building E	Tubes – 2,200 CFLs – 11

4.5 Miscellaneous Hazardous Materials

From ATC's previous report, the following were observed throughout the building: motion detectors, heat detectors, smoke detectors, hydraulic door closers, and miscellaneous cleaning and chemical supplies.. These materials should be removed and disposed of properly (e.g., recycled) prior to planned modernization project.

Table X – Miscellaneous Materials Locations and Quantities

Building	Material / Approx. Quantity
Building E	Motion Detectors – 25 Smoke Detectors – 36 Hydraulic Door Closers – 86 Exit Signs – 27 Misc. Cleaning and Chemical Supplies – Observed Fire Extinguishers – 32 Fixed Refrigerators – 0

4.6 CONCLUSIONS AND RECOMMENDATIONS

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

- All items identified and listed above in Table II (ACM), Table III (lead), and Section 4 (other hazardous materials) of this report which will be impacted by the planned Modernization Project shall be remove in accordance with all applicable Federal, State and local regulations.
- Use lead safe work practices when impacting lead of any level above the detection limit.

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.

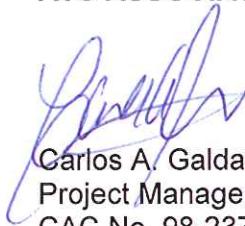
Reasonable effort is made by ATC personnel to locate and sample materials representative of the site structures. However, for any facility, the existence of unique or concealed materials or debris not observed by ATC is a possibility. ATC does not warrant, guarantee or profess to have the ability to 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.

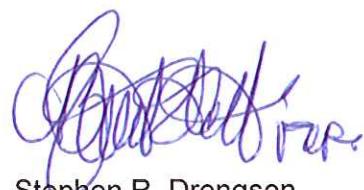
6.0 SIGNATURES

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.



Carlos A. Galdamez
Project Manager
CAC No. 98-2379 / LRCIA No. 7843



Stephen R. Drengson
Program Manager
No. 06-3975 / LRCIA No. 2895

APPENDIX A

Asbestos Laboratory Analytical Report & Sample Logs

000052 10 0604

ASBESTOS BULK SAMPLE LOG

25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

School

PAGE 2 or 4

DATE: 11/10/10

PROJECT NO.: 00003

BUILDING/FLOOR: 2nd flr

BLDG. TYPE: M

AREA: AREA NAME/DESCRIPTION: 02 2nd Floor Areas

TASK NO.: 00003

DATE:

PROJECT:

CLIENT:

EVALUATOR:

EVALUATE:

F.

Medina

C. Goldammer

SMMUSD/Persons

Lindol M/S

00052 10 0664

ASBESTOS BULK SAMPLE LOG

25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

School

PAGE OF

3 OF 4 ASBESTOS BULK SAMPLE LOG

BLDG. TYPE

PROJECT NO. 52 25526

TASK NO. 0009

AREA

AREA NAME/DESCRIPTION

DATE: 11/10/10

CLIENT: Simmons Parsons

PROJECT: Lincoln MS

AREA

AREA NAME/DESCRIPTION

DATE: 11/10/10

EVALUATOR: C. Gallegos / R. Medina

AREA #

AREA USAGE

AREA

AREA NAME/DESCRIPTION

SAMPLE #

BLDG/FLOOR

MATERIAL DESCRIPTION

ESTIMATED QUANTITY

PERCENTAGES

SAMPLE #	BLDG/FLOOR	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	PERCENTAGES
143	2nd	30'x1' white mastic from 312	P 145	12 2 1 2 1
146			P 145	12 2 1 2 1
147			P 145	12 2 1 2 2
148		35' x 6' long - from 217	P 148	12 1 2 2 2
149			P 148	12 1 2 2 2
150		/ - from 212	P 148	12 1 2 2 2
151		/ - from 212	P 148	12 1 2 2 2
152	1st	6' x 3' - Dug's RR Walkway	P 148	12 1 2 2 2
153		6' x 3' - Dug's RR Walkway	P 148	12 1 2 2 2
154		6' x 3' - Dug's RR Walkway	P 148	12 1 2 2 2

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE TANK/EXCHANGER INSUL.

08

STORAGE TANK/EXCHANGER LAGG

09 PUMP HOUSING INSULATION

10

PUMP HOUSING LAGGING

11 GASKETRY

12 FUEL INSULATION

13 TRANSITE PIPE

14 PIPE FITTING INSULATION

15 PIPE FITTING LAGGING

16 PIPE RUN INSULATION

17 PIPE RUN LAGGING

18 PLASTER BROWN SCRATCH

19 PLASTER FINISH COAT

20 PLASTER COMPOSITE

21 WALLBOARD

22 JOINT COMPOUND

23 PAINT/COATINGS

24 SPRAY-APPLIED ACOUSTIC MATL

01 BOILER INSULATION

02

BOILER INSULATION

03 BREECHING INSULATION

04

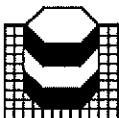
BREECHING INSULATION

05 CHILLER INSULATION

06

CHILLER LAGGING

07 STORAGE



Hygeia Laboratories Inc.

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

NIST/NVLAP Lab Code 102116-0
California ELAP Certificate No. 1269

Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

November 22, 2010

Mr. Carlos Galdamez ATC Los Angeles 25 Cupania Circle Monterey Park, CA 91755		Hygeia Reference No.: 00052 10 0664														
		Samples Analyzed: 38					Date Collected: November 10, 2010									
Client Reference: 52.25526.0009 (T3) SMMUSD - Lincoln MS									Sampler: C. Galdamez/R. Medina							
Sample Condition: Acceptable									Date Received: November 11, 2010							
									Date Analyzed: November 22, 2010							
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Asbestos Type, %	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Cellulose	Fiberglass	Non-Asbestos Constituents, %	QC				
126 1248771	TSI pipe debris - white	Yes	15	10						75		Cork				
127 1248772	Sheet flooring - brown/tan	No							10		5	Perlite				
128 1248773	Sheet flooring - brown/tan	No							10		5	Paint				
129 1248774	Sheet flooring - brown/tan	No							10		5					
130 1248775	Roofing debris - black	No							70	2	3	20				
131 1248776	Roofing debris - black	No							70	2	3	20				
132 1248777	Roofing debris - black	No							70	2	3	20				
133 1248778	2' x 2' ceiling panel - white/grey	No							77	3	5	3 12				
134 1248779	2' x 2' ceiling panel - white/grey	No							77	3	5	3 12				
135 1248780	2' x 2' ceiling panel - white/grey	No							77	3	5	3 12				
136 1248781	1' x 1' ceiling tile - white/brown	No							95		3	2				
137 1248782	1' x 1' ceiling tile - white/grey	No							77	3	5	3 12				
138 1248783	1' x 1' ceiling tile - white/grey	No							95		3	2				



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

November 22, 2010

Client Reference: 52.25526.0009 (T3) SMMUSD - Lincoln MS		Asbestos Type, %			Non-Asbestos Constituents, %			QC
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Chrysotile	Crocidolite	Amosite	Tremolite / Actinolite	Anthophyllite	Other	
Asbestos Detected								
139	Acoustic tile mastic - brown	No					3	
1248784								
140	Acoustic tile mastic - brown	No					3	
1248785								
141	Acoustic wall mastic - brown	No					3	
1248786								
142	1' x 1' wall tile - white/grey	No					2	
1248787								
143	1' x 1' wall tile - white/grey	No					2	
1248788								
144	1' x 1' wall tile - white/grey	No					2	
1248789								
145	Acoustic tile mastic - brown	No						30
1248790								70
146	Acoustic tile mastic - brown	No						
1248791								
147	Acoustic tile mastic - brown	No						30
1248792								70
148	Baseboard mastic - tan	No						
1248793								
149	Baseboard mastic - tan	No						30
1248794								70
150	Baseboard mastic - tan	No						
1248795								
151	Barrier paper - black	No					75	
1248796								
152	1' x 1' ceiling tile - white/orange	No					90	
1248797								
153	1' x 1' ceiling tile - white/orange	No					90	
1248798								
154	1' x 1' ceiling tile - white/orange	No					90	
1248799								



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

November 22, 2010

Client Reference: 52.25526.0009 (T3) SMMUSD - Lincoln MS		Asbestos Type, %					Non-Asbestos Constituents, %										QC
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	Cork
155 1248800	Ceiling tile mastic - brown	No							5		45		50				
156 1248801	Ceiling tile mastic - brown	No							5		45		50				
157 1248802	Ceiling tile mastic - brown	No							5		45		50				X
158 1248803	Fireproofing - grey	No							40		60						
159 1248804	Fireproofing - grey	No							40		60						
160 1248805	Fireproofing - grey	No							40		60						
161 1248806	Pipe debris - grey	Yes	60						20		20						
162 1248807	Pipe debris - white	Yes	10	15								75					
163 1248808	Pipe debris - white	Yes	10	15								75					

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 accuracy 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.

Hygeia Laboratories Inc. and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used to claim product endorsement by NVLAP or any agency of the US Government. Hygeia will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Please feel free to contact Hygeia regarding any questions about these results, this report, or the analytical methods employed.

Arturo Casas - Supervisor of Optical Microscopy

ATC Request for Laboratory Services / Chain of Custody - Asbestos

Send Report To CARLOS Galdamez

Company Name ATC Los Angeles

Company Address 25 Cupania Circle

Company Address Monterey Park, CA 91755

Phone (323) 517-9780 Fax (323) 517-9781

Client Project No SL 2556,000 9 T 0003

Client Project Ref SMMUSD Lincoln M.S.

Bill Branch No. _____

(For Inter-Company billing purposes, please provide correct Project and Task No.)

Samples Submitted 38 Samples Analyzed 38 Hygeia Reference No 00052 10 0664

Hygeia Laboratories Inc.

82 W. Sierra Madre Blvd.

Sierra Madre, CA 91024

(626) 355-4711

(626) 355-4497 FAX



<u>Reporting</u>	Fax _____	Cell/Pager _____
	Phone _____	E-mail <u>Stephen.Drengson@atcassociates.com</u>

Turnaround Time Normal (3-5 business days) Next Day (24 hrs) Same Day (Rush) Weekend Rush

Type of Sample Air Bulk Dust (microvac) Dust (wipe) Soil Paint Water Other

Asbestos (Optical)	Asbestos (TEM)	Qualitative Dust (microvac or wipe)	Qualitative Bulk
<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> AHERA	<input type="checkbox"/> Quantitative Dust (microvac or wipe)	<input type="checkbox"/> Semi-Quantitative Bulk
<input type="checkbox"/> PLM Point Count 400 pts	<input type="checkbox"/> EPA Level II	<input type="checkbox"/> Drinking Water (potable)	<input type="checkbox"/> Full-Quantitative Bulk
<input type="checkbox"/> PLM Point Count 1000 pts	<input type="checkbox"/> NIOSH 7402 (PCM Equivalent)	<input type="checkbox"/> Wastewater (non-potable)	
<input type="checkbox"/> PCM	<input type="checkbox"/> ISO 10312		<input type="checkbox"/> Particle Characterization <input type="checkbox"/> Supplies

Additional Instructions Written Report Requested

*Please contact carlos galdamez
w/ results.*

For Lab Use Only Sample Integrity accept reject 1st Sample No 1248771-808

Results reported by: Price / Sample 7

Date _____ Time _____ Initials _____ Verbal Fax E-mail

Date _____ Time _____ Initials _____ Verbal Fax E-mail Invoice No. 77

Date _____ Time _____ Initials _____ Verbal Fax E-mail Log Out Date _____

Comments

Relinquished By (Signature)	Received By (Signature)	Time	Date	Reason for Change of Custody
<i>PLM</i>	<i>CDest</i>	<u>3:30 PM</u>	<u>11-11-10</u>	

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

00052 09 0062

BULK SAMPLE LOG

25 CURANIA CIRCLE
MONTEREY PARK, CA 91765

PAGE 1 OF 3

TRUCK NO. 0009 DATE 02/06/09

AREA NAME/DESCRIPTION AREA 1

AREA NAME/DESCRIPTION AREA 2

AREA NAME/DESCRIPTION AREA 3

AREA NAME/DESCRIPTION AREA 4

AREA NAME/DESCRIPTION AREA 5

AREA NAME/DESCRIPTION AREA 6

AREA NAME/DESCRIPTION AREA 7

AREA NAME/DESCRIPTION AREA 8

AREA NAME/DESCRIPTION AREA 9

AREA NAME/DESCRIPTION AREA 10

AREA NAME/DESCRIPTION AREA 11

AREA NAME/DESCRIPTION AREA 12

AREA NAME/DESCRIPTION AREA 13

AREA NAME/DESCRIPTION AREA 14

AREA NAME/DESCRIPTION AREA 15

AREA NAME/DESCRIPTION AREA 16

AREA NAME/DESCRIPTION AREA 17

AREA NAME/DESCRIPTION AREA 18

AREA NAME/DESCRIPTION AREA 19

AREA NAME/DESCRIPTION AREA 20

AREA NAME/DESCRIPTION AREA 21

AREA NAME/DESCRIPTION AREA 22

AREA NAME/DESCRIPTION AREA 23

AREA NAME/DESCRIPTION AREA 24

AREA NAME/DESCRIPTION AREA 25

AREA NAME/DESCRIPTION AREA 26

AREA NAME/DESCRIPTION AREA 27

AREA NAME/DESCRIPTION AREA 28

AREA NAME/DESCRIPTION AREA 29

AREA NAME/DESCRIPTION AREA 30

AREA NAME/DESCRIPTION AREA 31

AREA NAME/DESCRIPTION AREA 32

AREA NAME/DESCRIPTION AREA 33

AREA NAME/DESCRIPTION AREA 34

AREA NAME/DESCRIPTION AREA 35

AREA NAME/DESCRIPTION AREA 36

AREA NAME/DESCRIPTION AREA 37

AREA NAME/DESCRIPTION AREA 38

AREA NAME/DESCRIPTION AREA 39

AREA NAME/DESCRIPTION AREA 40

AREA NAME/DESCRIPTION AREA 41

AREA NAME/DESCRIPTION AREA 42

ITEM NO. 52 25526

ITEM NO. 5MUSD

ITEM NO. 0009

ITEM NO. 0001

ITEM NO. 0207

ITEM NO. 03205

ITEM NO. 04101

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY
0001	1st fl	01	34 - Carpet Floor Surface (Under Carpet)	502
0002	/	/	/	112
0003	/	/	/	112
0004	01	/	35 - Yellow Floor Street Mastic	502
0005	01	/	/	112
0006	02	/	/	225
0007	02	03	61 - Yellow Carpet Mastic	225
0008	02	03	/	302
0009	1st fl	04	32 - 12x12 Ceramic Speckled	230
0010	2nd fl	05	61 - Yellow Ceramic	02

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE	MATERIAL DESCRIPTION	LINEAR FEET		POINT COUNT (% 0.01%)		AMBIENT CROCODOLITE GLC.		OTHER	
				1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH	6 EACH	7 EACH	8 EACH
0001	1st fl	01	34 - Carpet Floor Surface (Under Carpet)	502	112	112	225	302	112	112	ND
0002	/	/	/	112	112	112	225	302	112	112	ND
0003	/	/	/	112	112	112	225	302	112	112	ND
0004	01	/	35 - Yellow Floor Street Mastic	502	112	112	225	302	112	112	ND
0005	01	/	/	112	112	112	225	302	112	112	ND
0006	02	/	/	225	302	112	ND	ND	ND	ND	ND
0007	02	03	61 - Yellow Carpet Mastic	225	302	112	ND	ND	ND	ND	ND
0008	02	03	/	302	112	112	225	ND	ND	ND	ND
0009	1st fl	04	32 - 12x12 Ceramic Speckled	230	02	112	112	ND	ND	ND	ND
0010	2nd fl	05	61 - Yellow Ceramic	02	ND	ND	ND	ND	ND	ND	ND

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE	MATERIAL DESCRIPTION	LINEAR FEET		POINT COUNT (% 0.01%)		AMBIENT CROCODOLITE GLC.		OTHER	
				1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH	6 EACH	7 EACH	8 EACH
0001	1st fl	01	34 - Carpet Floor Surface (Under Carpet)	502	112	112	225	302	112	112	ND
0002	/	/	/	112	112	112	225	302	112	112	ND
0003	/	/	/	112	112	112	225	302	112	112	ND
0004	01	/	35 - Yellow Floor Street Mastic	502	112	112	225	302	112	112	ND
0005	01	/	/	112	112	112	225	302	112	112	ND
0006	02	/	/	225	302	112	ND	ND	ND	ND	ND
0007	02	03	61 - Yellow Carpet Mastic	225	302	112	ND	ND	ND	ND	ND
0008	02	03	/	302	112	112	225	ND	ND	ND	ND
0009	1st fl	04	32 - 12x12 Ceramic Speckled	230	02	112	112	ND	ND	ND	ND
0010	2nd fl	05	61 - Yellow Ceramic	02	ND	ND	ND	ND	ND	ND	ND

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE	MATERIAL DESCRIPTION	LINEAR FEET		POINT COUNT (% 0.01%)		AMBIENT CROCODOLITE GLC.		OTHER	
				1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH	6 EACH	7 EACH	8 EACH
0001	1st fl	01	34 - Carpet Floor Surface (Under Carpet)	502	112	112	225	302	112	112	ND
0002	/	/	/	112	112	112	225	302	112	112	ND
0003	/	/	/	112	112	112	225	302	112	112	ND
0004	01	/	35 - Yellow Floor Street Mastic	502	112	112	225	302	112	112	ND
0005	01	/	/	112	112	112	225	302	112	112	ND
0006	02	/	/	225	302	112	ND	ND	ND	ND	ND
0007	02	03	61 - Yellow Carpet Mastic	225	302	112	ND	ND	ND	ND	ND
0008	02	03	/	302	112	112	225	ND	ND	ND	ND
0009	1st fl	04	32 - 12x12 Ceramic Speckled	230	02	112	112	ND	ND	ND	ND
0010	2nd fl	05	61 - Yellow Ceramic	02	ND	ND	ND	ND	ND	ND	ND

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE	MATERIAL DESCRIPTION	LINEAR FEET		POINT COUNT (% 0.01%)		AMBIENT CROCODOLITE GLC.		OTHER	
				1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH	6 EACH	7 EACH	8 EACH
0001	1st fl	01	34 - Carpet Floor Surface (Under Carpet)	502	112	112	225	302	112	112	ND
0002	/	/	/	112	112	112	225	302	112	112	ND
0003	/	/	/	112	112	112	225	302	112	112	ND
0004	01	/	35 - Yellow Floor Street Mastic	502	112	112	225	302	112	112	ND
0005	01	/	/	112	112	112	225	302	112	112	ND
0006	02	/	/	225	302	112	ND	ND	ND	ND	ND
0007	02	03	61 - Yellow Carpet Mastic	225	302	112	ND	ND	ND	ND	ND
0008	02	03	/	302	112	112	225	ND	ND	ND	ND
0009	1st fl	04	32 - 12x12 Ceramic Speckled	230	02	112	112	ND	ND	ND	ND
0010	2nd fl	05	61 - Yellow Ceramic	02	ND	ND	ND	ND	ND	ND	ND

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE	MATERIAL DESCRIPTION	LINEAR FEET		POINT COUNT (% 0.01%)		AMBIENT CROCODOLITE GLC.		OTHER	
				1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH	6 EACH	7 EACH	8 EACH
0001	1st fl	01	34 - Carpet Floor Surface (Under Carpet)	502	112	112	225	302	112	112	ND
0002	/	/	/	112	112	112	225	302	112	112	ND
0003	/	/	/	112	112	112	225	302	112	112	ND
0004	01	/	35 - Yellow Floor Street Mastic	502	112	112	225	302	112	112	ND
0005	01	/	/	112	112	112	225	302	112	112	ND
0006	02	/	/	225	302	112	ND	ND	ND	ND	ND
0007	02	03	61 - Yellow Carpet Mastic	225	302	112	ND	ND	ND	ND	ND
0008	02	03	/	302	112	112	225	ND	ND	ND	ND
0009	1st fl	04	32 - 12x12 Ceramic Speckled	230	02	112	112	ND	ND	ND	ND
0010	2nd fl	05	61 - Yellow Ceramic	02	ND	ND	ND	ND	ND	ND	ND

SAMPLE #	FLOOR/LEVEL	STORY/FLOOR CODE
----------	-------------	------------------

00052 09 0062

BULK SAMPLE LOG

25 CUPANIA CIRCLE
MONTEREY PARK, CA 91765Page 2 of 13

BULK TYPE _____

PROJ. NO. 52 25526TASK NO. 00001DATE 02/26/09

AREA NUMBER/DESCRIPTION

AREA CLASSROOM # 221

AREA NAME/DESCRIPTION

SAMPLES POSITIVE SIZES PERCENTAGES

1 LINEAR FEET P POSITIVE

2 SQUARE FEET ND NON DETECT

3 SQUARE YARDS T TRACE (<1%)

4 CUBIC INCH N NEGATIVE BY

5 EACH F POINT COUNT (<0.1%)

6 EACH CROCIDOLITE Q.L.C.

7 ASBESTOS OTHER

8 CHrysotile

9 ANGOSTITE

10 CROCIDOLITE Q.L.C.

11 AMONITE

12 OTHER

SAMPLE #	BUILDING/ROOM	AREA #	AREA USAGE	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	UNIT SIZES	POSITIVE SIZES	PERCENTAGES	
0 / 1	1st Fl	0	4	3 3 BLACK FIBROTE INSULATION	2 300	0 2	1 1 2 1 2 2		
0 / 1	2nd Fl	0	5	3 3 BLACK FIBROTE INSULATION	2 300	0 2	1 1 2 2 2 2	X	
0 / 1	3	0	6	3 4 IRAN BATTESNAF FLOORING	1 00	2	1 1 2 2 2 2	ND	
0 / 1	4	1	7	3 5 BROWN BATTESNAF FLOORING	1 00	2	1 1 2 2 2 2	ND	
0 / 1	5	1	8	3 5 BROWN BATTESNAF FLOORING	1 00	2	1 1 2 2 2 2	ND	
0 / 1	6	0	9	3 5 BROWN BATTESNAF FLOORING	1 00	2	1 1 2 2 2 2	ND	
0 / 1	7	0	9	3 5 BROWN BATTESNAF FLOORING	1 00	2	1 1 2 2 2 2	ND	
0 / 1	8	0	7	3 4 PINK LINOLEUM	5 60	0 2	1 1 2 2 2 2	ND	
0 / 1	9	2nd Fl	0	7	3 4 PINK LINOLEUM	5 60	0 2	1 1 2 2 2 2	ND
0 / 2	0	0	9	3 4 PINK LINOLEUM	5 60	0 2	1 1 2 2 2 2	X	
MATERIAL CODES (SEE BELOW)									
24 SPRAY-APPLIED ACOUSTIC MATL.	43 ROOFING COMPOSITE (ROOF CUT)	1 VOIDCHASE	3 STORAGE CAVITY	6 CONTINUOUS	1 OCCASIONAL	4 MECHANICAL	5 CONTACT	8 VIBRATION	
25 ACOUSTIC PANEL	44 ROOFING CAP SHEET	2 MECHANICAL	5 CONTINUOUS	2 FRAMABLE	1 NON-FRAMEABLE	1 GOOD	2 DAMAGED	5 WATER CODES	
26 ACOUSTIC PANEL (2222)	45 ROOFING SHINGLE			3 FRAMABLE	2 FRAMABLE	1 LOW	3 MODERATE	1 LOW	
27 ACOUSTIC PANEL (2247)	46 ROOFING FLASHINGS			4 FRAMABLE	3 SIGNIFICANTLY DAMAGED	2 MODERATE	3 HIGH	2 MODERATE	
28 ACOUSTIC TILE (12222)	47 ROOFING TELT			5 FRAMABLE	4 FRAMABLE	3 HIGH	3 HIGH	3 HIGH	
29 ACOUSTIC TILE (1222)	48 INSULATING MASTIC			6 FRAMABLE	5 FRAMABLE	4 HIGH	4 HIGH	4 HIGH	
30 ACOUSTIC TILE (1222)	49 THERMAL INSULATION			7 FRAMABLE	6 FRAMABLE	5 HIGH	5 HIGH	5 HIGH	
31 RESILIENT FLOOR TILE (#237)	50 HEAT SHIELD			8 FRAMABLE	7 FRAMABLE	6 HIGH	6 HIGH	6 HIGH	
32 RESILIENT FLOOR TILE (#2292)	51 TRANSLITE SHEET MATT			9 FRAMABLE	8 FRAMABLE	7 HIGH	7 HIGH	7 HIGH	
33 PLASTER TOE MASTIC	52 MORTAR/GROUT			10 FRAMABLE	9 FRAMABLE	8 HIGH	8 HIGH	8 HIGH	
34 RESILIENT SHEET FLOORING	53 SINK UNDERCOAT MATERIAL			11 FRAMABLE	10 FRAMABLE	9 HIGH	9 HIGH	9 HIGH	
35 SHEET FLOORING MASTIC	54 FIBER LEAD INSULATION			12 FRAMABLE	11 FRAMABLE	10 HIGH	10 HIGH	10 HIGH	
36 PIPE FITTING LAGRING	55 WALL PAPER			13 FRAMABLE	12 FRAMABLE	11 HIGH	11 HIGH	11 HIGH	
37 PIPE RUN INSULATION	56 FABRICSCREWE			14 FRAMABLE	13 FRAMABLE	12 HIGH	12 HIGH	12 HIGH	
38 PIPE RUN LAGRING	57 SPRAY-APPLIED INSULATING BOARD			15 FRAMABLE	14 FRAMABLE	13 HIGH	13 HIGH	13 HIGH	
39 PLASTER DRYWALL SPATCH	58 HVAC FLEXIBLE CONNECTOR			16 FRAMABLE	15 FRAMABLE	14 HIGH	14 HIGH	14 HIGH	
40 PLASTER COMPOSITE	59 PVC INSULATION LAGGING			17 FRAMABLE	16 FRAMABLE	15 HIGH	15 HIGH	15 HIGH	
41 WALLBOARD	60 DUCT INSULATION			18 FRAMABLE	17 FRAMABLE	16 HIGH	16 HIGH	16 HIGH	
22 JOINT COMPOUND	61 DUCT TAPE			19 FRAMABLE	20 FRAMABLE	18 HIGH	18 HIGH	18 HIGH	
23 PAINT/COATING	62 OTHER (DESCRIBE)			20 FRAMABLE	21 FRAMABLE	19 HIGH	19 HIGH	19 HIGH	

FOR LAB USE ONLY
5161718 No Masic dist. & crushed

ANALYST SIGNATURE DATE	LAB DIRECTOR SIGNATURE DATE
<i>[Signature]</i> 2/16/09	<i>[Signature]</i> 2/16/09

INSTRUMENT NO.

52

SMM USD

0009

TAKE NO.

00001

DATE

02/06/09

CLIENT:

D. Carrier

FACILITY:

LINCOLN M.S.

PROJECT:

14

AREA:

15

AREA NAME/DESCRIPTION:

Classroom #220

16

AREA:

Rm #111A

17

AREA:

1st Floor Hallway

18

AREA:

Yellow Fibrotite Mastic

19

AREA:

34

AREA:

Blue No 201c Floor Sheet

20

AREA:

W/ Paper Backing

21

AREA:

37

AREA:

White Base Cone Mastic

22

AREA:

Under

23

AREA:

Black Base Cone

24

AREA:

1st F

25

AREA:

15

AREA:

1st F

26

AREA:

14

AREA:

1st F

27

AREA:

17

AREA:

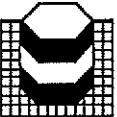
21

AREA:

18

AREA:

21



Hygeia Laboratories Inc.

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

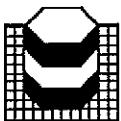
NIST/NVLAP Lab Code 102116-0
California ELAP Certificate No. 1269

Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

February 18, 2009

Mr. Paul Cota ATC Los Angeles 25 Cupania Circle Monterey Park, CA 91755		Hygeia Reference No.: 00052 09 0062 Samples Analyzed: 114 Sampler: D. Carrier Sample Condition: Acceptable Date Collected: Feb. 6 & 10, 2009 Date Received: February 12, 2009 Date Analyzed: February 16, 2009							QC					
Client Reference: 52.25526.0009 (T1) SMMUSD - Lincoln MS		Asbestos Type, %					Non-Asbestos Constituents, %				Vermiculite	Mineral Fillers	Organic Binders	
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Chrysotile	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic			
001 1161746	Sheet flooring - grey <i>Appears to be leveling compound.</i>	No									100			X
002 1161747	Sheet flooring - grey <i>Appears to be leveling compound.</i>	No									100			
003 1161748	Sheet flooring - grey <i>Appears to be leveling compound.</i>	No									100			
004 1161749	Flooring mastic - yellow	No									40	60		
005 1161750	Flooring mastic - yellow	No									40	60		
006 1161751	Flooring mastic - yellow	No									40	60		
007 1161752	Carpet mastic - yellow	No									2	38	60	
008 1161753	Carpet mastic - yellow	No									2	38	60	X
009 1161754	12" x 12" floor tile - grey	No									80	20		
010 1161755	12" x 12" floor tile - grey	No									80	20		
011 1161756	Floor tile mastic - black	No									30	70		
012 1161757	Floor tile mastic - black	No									30	70		X
013 1161758	Sheet flooring - tan/brown	No									50	30	20	
014 1161759	Sheet flooring - tan/brown	No									50	30	20	
015 1161760	Sheet flooring - tan/brown	No									50	30	20	

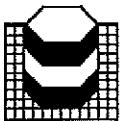


Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

February 18, 2009

Client Reference: 52.25526.0009 (T1) SMMUSD - Lincoln MS		Asbestos Type, %			Non-Asbestos Constituents, %				QC
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Tremolite / Actinolite	Anthophyllite	Other	Fiberglass	Synthetic	Cellulose	
019 1161764	Linoleum flooring - pink/tan	No				60	20	20	
020 1161765	Linoleum flooring - tan	No				60	20	20	X
023 1161768	Linoleum flooring - green	No				60	20	20	
024 1161769	Linoleum flooring - green	No				60	20	20	
025 1161770	Barrier paper - black	No				75	5	5	15
026 1161771	Barrier paper - black	No				75	5	5	15
027 1161772	Barrier paper - black	No				75	5	5	15
028 1161773	12" x 12" floor tile - grey	No					80	20	
029 1161774	12" x 12" floor tile - grey	No					80	20	
030 1161775	12" x 12" floor tile - grey	No					80	20	
031 1161776	Floor tile mastic - yellow	No				5	30	65	
032 1161777	Floor tile mastic - yellow	No				5	30	65	
033 1161778	Floor tile mastic - yellow	No				5	30	65	
034 1161779	Sheet flooring - grey	No				30	5	5	20
035 1161780	Sheet flooring - grey	No				30	5	5	20
036 1161781	Sheet flooring - grey	No				30	5	5	20
037 1161782	Covebase mastic - white	No					70	30	
038 1161783	Covebase mastic - white	No					70	30	

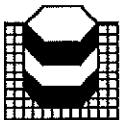


Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

February 18, 2009

Client Reference: 52.25526.0009 (T1) SMMUSD - Lincoln MS		Asbestos Type, %				Non-Asbestos Constituents, %				QC			
Client Sample ID Hygeia Sample ID	Sample Description - color Comments	Asbestos Detected	Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Fiberglass	Cellulose	Organic Binders	Vermiculite	Mineral Fillers	Synthetic
039	Covebase mastic - white	No							70	30			
1161784													
040	Drywall - white	No						5		95			
1161785													
041	Drywall - black	No						5		95			
1161786													
042	Roofing core - black	No						25	15	30	30		
1161787													
043	Roofing core - black	No						20	20	30	30		
1161788													
044	Roofing core - black	No						20	20	30	30		
1161789													
045	Roofing cap sheet - grey/black	No						20		40	40		
1161790													
046	Roofing cap sheet - grey/black	No						20		40	40		
1161791													
047	Roofing cap sheet - grey/black	No						20		40	40		
1161792													
048	Roof shingle - grey/black	No						20		50	30		
1161793													
049	Roof shingle - grey/black	No						20		50	30		
1161794													
050	Roof shingle - grey/black	No						20		50	30		
1161795													
051	Roofing mastic - black	No						2		38	60		
1161796													
052	Roofing mastic - silver/black	No						5		35	60		
1161797													
053	Roofing mastic - white/black	Yes	10							20	70		
1161798													
054	Duct tape - white/tan	No						50		30	20		
1161799													
055	Duct tape - grey/silver/tan	No						50		30	20		
1161800													



Bulk Sample Analysis Summary

Analytical Method: EPA 600/R-93/116

February 18, 2009

Client Reference: 52.25526.0009 (T1) SMMUSD - Lincoln MS		Asbestos Detected	Asbestos Type, %				Non-Asbestos Constituents, %				QC		
Client Sample ID Hygeia Sample ID	Sample Description - color Comments		Amosite	Crocidolite	Tremolite / Actinolite	Anthophyllite	Other	Cellulose	Fiberglass	Synthetic	Mineral Fillers	Vermiculite	Organic Binders
056 1161801	Duct tape - grey/white	No					10		50	40			
057 1161802	Roofing core - black	No					10	20	40	30			
058 1161803	Roofing core - black	No					10	20	40	30			
059 1161804	Roofing core - black	No					10	20	40	30			
060 1161805	Roofing mastic - grey/	No					20		30	50			
061 1161806	Roofing mastic - grey/black	Yes	5						35	60			X
063 1161808	12" x 12" floor tile - tan	No							80	20			
064 1161809	12" x 12" floor tile - tan	No							80	20			
065 1161810	12" x 12" floor tile - tan	No							80	20			
066 1161811	Floor tile mastic - black	No						5		30	65		
067 1161812	Floor tile mastic - black	No						5		30	65		
068 1161813	Floor tile mastic - black	No						5		30	65		
069 1161814	Pipe insulation - white	Yes	20	10					70				
072 1161817	Roofing core - black	No					10	20	40	30			
073 1161818	Roofing core - black	No					10	20	40	30			
074 1161819	Roofing core - black	No					10	20	40	30			
075 1161820	Roof shingle - black	No						20	50	30			
076 1161821	Roof shingle - black	No						20	50	30			X

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica-Malibu School District
PROJECT NO: 107-0008
PROJECT NAME: Lincoln Middle School- 1501 California Avenue, Santa Monica, California 90403
Building E

Page 1 of 6

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx Qty.	sq. ft.	Variable	Damage
Stucco	L-46-01 Through L-46-20	None Detected Trace Amosite 2%-5% Chrysotile	Previously sampled, Cape Environmental, 1994	Exterior walls	14,000	sq. ft.	No	No
Gypsum board with tile compound	L-32-01 Through L-33-25	None Detected 1% Acmolite Trace-3% Chrysotile	Previously sampled, Cape Environmental, 1994	Fires, floor rooms 102, 104, 105, 118, 120 (ceilings only) second floor- 202, 204-206 12 A, B, C, D, 212	6,300	sq. ft.	No	No
Window pane	L-48-01 Through L-48-03	None Detected 4% Chrysotile	Previously sampled, Cape Environmental, 1994	Exterior windows	900	lin. ft.	No	No
9" x 9" tan floor tile with mastic	L-01-01M L-01-01M	5% Chrysotile (tile) 3% Chrysotile (mastic)	Previously sampled, Cape Environmental, 1994	Rooms 112, 112A, B, C, D, E, F, G	1,800	sq. ft.	No	No
9" x 9" light brown floor tile with mastic	L-02-01M L-02-02M	3% Chrysotile (tile) 7% Chrysotile (mastic)	Previously sampled, Cape Environmental, 1994	Rooms 110, 110A, 110B, 10C	900	sq. ft.	No	No
9" x 9" dark brown floor tile with mastic	L-03-01M L-03-02M	3% Chrysotile (tile) 10% Chrysotile (mastic)	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A	N/A
Red linoleum with mastic	L-18-01 L-18-01M	None Detected (tile and mastic)	Previously sampled, Cape Environmental, 1994	Rooms 123, 218, 205, 220, 222	4,500	sq. ft.	No	No
Pink linoleum with mastic	L-19-01 L-19-01M	None Detected (tile and mastic)	Previously sampled, Cape Environmental, 1994	Rooms 103, second floor- 221, 223, 215, 217, 203	5,400	sq. ft.	No	No
Rough plaster walls	L-34-01 Through L-34-07	None Detected	Previously sampled, Cape Environmental, 1994	Basement entry ways, first floor rooms-121, vault, 117A, 117B, 117, 113, 109, 109A, 110A, 111, 111A, 105, 108, 108A, B, C, 112, 112B, C, D, E, F, 116, 116A, 123; second floor- 225	28,800	sq. ft.	No	No
Rough plaster ceiling	L-28-01 Through L-28-07	None Detected	Previously sampled, Cape Environmental, 1994	Hallway, 217A, 217, 215A, 215, 211, 209, 205, 203 217, 212A, B, C, D	28,800	sq. ft.	No	No
Green linoleum with mastic	L-20-01 L-20-01M	None Detected (tile and mastic)	Previously sampled, Cape Environmental, 1994	First floor- room 121, 105	1,800		No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica-Malibu School District
PROJECT NO: 107-0008
PROJECT NAME: Lincoln Middle School- 1501 California Avenue, Santa Monica, California 90403
Building E

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx Qty	Reusable	Damaged
2'x4' pitted tile and 2'x4' fissured ceiling tile	L-23-01 Through L-23-03	None Detected	Previously sampled, Cape Environmental, 1994	First floor; hallway, rooms- 120, 123, 121, 117 A, 117B, 117, 113, 113A, 111, 111A, 105, 103, 101, 102, 104, 106, 110A, B, C, 116, 116A, 118, second floor- 223, 221, 217, 215, 211, 209, 205, 203, 202, 204, 206, 218, 220, 222	30,000 sq. ft.	No	No
1'x1' fissured ceiling tile	L-25-01 Through L-25-03	None Detected	Previously sampled, Cape Environmental, 1994	First floor- 102, 104, 108, 106, 108A, second floor rooms 202, 204, 206	7,200 sq. ft.	No	No
1'x1' fissured ceiling tile mastic	L-61-01 Through L-61-03	None Detected	Previously sampled, Cape Environmental, 1994	First floor- 102, 104, 108, 106, 108A, second floor rooms 202, 204, 206	7,200 sq. ft.	No	No
1'x1' random peghole ceiling tile	L-26-01 Through L-26-03	None Detected	Previously sampled, Cape Environmental, 1994	First floor rooms- 116, 118, 120, second floor rooms- 225, 223, 221, 217, 215, 211, 209, 205, 203, 208, 218, 220, 222, 212	4,000 sq. ft.	No	No
1'x1' random peghole ceiling tile mastic	L-57-01 Through L-57-05	None Detected	Previously sampled, Cape Environmental, 1994	First floor rooms- 116, 118, 120, second floor rooms- 225, 223, 221, 217, 215, 211, 209, 205, 203, 208, 218, 220, 222, 212	4,000 sq. ft.	No	No
Smooth plaster ceiling	L-29-01 Through L-29-06	None Detected	Previously sampled, Cape Environmental, 1994	First floor- boys restroom, 117 closet, 117 restroom; girls restroom, second floor- girls restroom, boys restroom, storage room 1	2,800 sq. ft.	No	No
Smooth plaster walls	L-35-01 Through L-35-06	None Detected	Previously sampled, Cape Environmental, 1994	First floor- boys restroom, 117 closet, 117 restroom; girls restroom, second floor- girls restroom, boys restroom, storage room 1	2,800 sq. ft.	No	No
Vinyl coated gypsum	L-36-01	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica-Malibu School District
PROJECT NO: 107-0008
PROJECT NAME: Lincoln Middle School- 1501 California Avenue, Santa Monica, California 90403
Building E

Page 3 of 6

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Q'ty.	Dishable	Damage
Piping insulation	L-38-01	20% Chrysotile 10% Amosite	Previously sampled, Cape Environmental, 1994	Basement, crawl space	100 ft. sq. ft.	No	No
Cement fitting	L-39-01 Through L-39-03	3% -7% Chrysotile 15% Amosite	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
Valve insulation	L-39-05	49-55% Chrysotile 8% Amosite	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
Pipe insulation debris	L-44-01	20% Chrysotile 7% Amosite	Previously sampled, Cape Environmental, 1994	Basement, crawl space	10 sq. ft.	No	No
Cardboard damp proofing	L-47-01	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
Covebase adhesive	L-50-01 Through L-50-03	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
1'x1' straight peghole ceiling tile	L-27-01 Through L-27-03	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
1'x1' straight peghole ceiling tile mastic	L-54-01 Through L-54-03	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
Soft rough plaster ceiling	L-55-01 Through L-55-05	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
Cement fittings on pipe insulation	L-56-01	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
White carpet glue underlayment	L-58-01	None Detected	Previously sampled, Cape Environmental, 1994	Not observed, as stated in previous report	N/A	N/A	N/A
12"x12" grey speckled floor tile with mastic	3510	None Detected	First floor room 119, southeast corner	First floor hallway, rooms 120, 119, vault, 117B, 111, 101, 108, 108A, 110A, B, C, 116, 116A, 118, 118A, second floor, 225, hallway, 217A, 209, 218	23,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica-Malibu School District
PROJECT NO: 107-0008
PROJECT NAME: Lincoln Middle School- 1501 California Avenue, Santa Monica, California 90403
Building E

Page 4 of 6

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx Qty	Unit	Estable	Damage
4" gray covebase with adhesive	3511	None Detected	First floor room 119, northwest corner	First floor hallway, rooms 121, 120, 123, 119, 117B, 111, 105, 103, 101, 102, 104, 105, 108, 108A, 116, 116A, 118, 118A, second floor hallway, 225, 221, 223, 217A, 217, 215, 211, 209, 203, 202, 204, 206, 218, 222, 212, 212A, B, C, D	5,000	in. ft.	No	No
Blue carpet glue	3512	None Detected	Room 121, southwest corner	First floor rooms 123, 125, main office, 117A, 117, 113A, 113, 111A, 109, 109A, 105, 103, 101, 102, 104, 105, 112A, 112, 112B, C, D, E, F, second floor rooms-221, 223, 217, 215, 211, 209, 205, 203, 202, 204, 206, 220, 222	22,500	sq. ft.	No	No
Joint compound	3513	None Detected	Room 113A, southeast corner	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000	sq. ft.	No	No
Joint compound	3514	None Detected	Room 102, south wall center	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000	sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica-Malibu School District
 PROJECT NO: 107-0008
 PROJECT NAME: Lincoln Middle School- 1501 California Avenue, Santa Monica, California 90403
Building E:

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx. Qty	Visible	Damaged
Joint compound	3514	None Detected	Room 102, south wall center	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000 sq. ft.	No	No
Joint compound	3515	None Detected	Room 112A, northwest corner	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000 sq. ft.	No	No
Joint compound	3516	None Detected	Second floor room 203, northeast corner	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000 sq. ft.	No	No
Joint compound	3517	None Detected	Second floor room 202, south wall center by entry	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000 sq. ft.	No	No
Joint compound	3518	None Detected	Second floor room 209, south wall center by entry	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000 sq. ft.	No	No

MATERIAL INVENTORY
ASBESTOS

CLIENT: Santa Monica-Malibu School District
PROJECT NO: 107-0008
PROJECT NAME: Lincoln Middle School- 1501 California Avenue, Santa Monica, California 90403
Building E

Page 6 of 6

Material	Sample No.	Asbestos Content	Sample Location	Material Location	Approx Qty	sq. ft.	Visible	Damage
Drywall	3520	None Detected	Room 112A, northwest corner	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 205, 218, 220, 222, stair ways	20,000		No	No
Composite drywall with joint compound	3521	None Detected	Room 112A, northwest center	First floor hallway, faculty restrooms, 113, 113A, 111, 111A, 105, 103, 102, 104, 106, 108, 108A, 112A, 118, 120, Second floor rooms 203, 202, 204, 206, 218, 220, 222, stair ways	20,000	sq. ft.	No	No
4" black covebase with adhesive	3522	None Detected	First floor room 117A, southwest corner	First floor rooms 117A, 117, 117 closet, main office, 113, 113A, 111A, 109A, 109, 112A, second floor room 209, 220	1,200	lin. ft.	No	No
On-on hard green flooring with mastic	L-07-01	3% Chrysotile (UIC) 1% Chrysotile (mastic)	Previously sampled (Genesee Environmental 1994)	Basement floor room 117A, 105, 109A	1000	sq. ft.	No	No
Black sheet vinyl flooring with mastic	3523	None Detected	Basement, storage area (flooring and mastic)	Basement, storage area	1,000	sq. ft.	No	No
Cementitious	L-33-01	20% Chrysotile 10% Amosite	Previously sampled (UIC Environmental 1994)	Basement, storage area, southwest closets	4	lin. ft.	Yes	No

APPENDIX B

Lead Laboratory Analytical Report, Sample Logs, XRF Logs



Hygeia Laboratories Inc.

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

AIHA ELLAP Certificate No. 465
California ELAP Certificate No. 1269

Analytical Report

February 18, 2009

Mr. Paul Cota
ATC Los Angeles
25 Cupania Circle
Monterey Park, CA 91755

Hygeia Reference No.: 00052.09.0063

Date Sampled: February 2, 2009

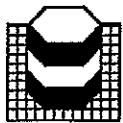
Date Received: February 13, 2009

Date Analyzed: February 18, 2009

Analyst: Nahid Motamed

Client Ref. 52.25526.0009 (T1)	SMMUSD - Lincoln MS	Samples and data provided by: D. Carrier/P. Cota	
Analyte: <u>Lead</u>	Analytical Method: EPA 7420	Detection Limit: 25 ppm	Samples Analyzed: 32
Sample Matrix: paint	Digestion Method: EPA 3050B	Reporting Limit: 120 ppm	Sample Condition Acceptable <input checked="" type="checkbox"/>

Hygeia Sample ID	Client Sample ID	Lead Conc. (ppm)	Lead Conc. (wt%)
1161884	001	<120	<0.012
1161885	002	2312	0.231
1161886	003	830	0.083
1161887	004	568	0.057
1161888	005	594	0.059
1161889	006	23720	2.37
1161890	007	344	0.034
1161891	008	1068	0.107
1161892	009	367	0.037
1161893	010	<120	<0.012
1161894	011	<120	<0.012
1161895	012	<120	<0.012
1161896	013	<120	<0.012
1161897	014	8716	0.872
1161898	015	18930	1.89
1161899	016	2523	0.252
1161900	017	3639	0.364
1161901	018	182	0.018
1161902	019	7879	0.788
1161903	020	12280	1.23



Analytical Report

February 18, 2009

Hygeia Reference No. 00052 09 0063
Client Reference: 52.25526.0009 (T1) SMMUSD - Lincoln MS

<u>Hygeia Sample ID</u>	<u>Client Sample ID</u>	<u>Lead Conc. (ppm)</u>	<u>Lead Conc. (wt%)</u>
1161904	021	87410	8.74
1161905	022	21310	2.13
1161906	023	171980	17.2
1161907	024	857	0.086
1161908	025	166	0.017
1161909	026	680	0.068
1161910	027	45090	4.51
1161911	028	6019	0.602
1161912	029	796	0.08
1161913	030	443	0.044
1161914	031	<120	<0.012
1161915	032	556	0.056

ppm = parts per million = mg/kg

Supervisor of Chemistry Laboratory

Nahid Motamed

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.

00052 090063

LEAD BULK SAMPLE OG

25 CUPANIA CIRCLE
MONTEREY PARK, CA 91755

PROJECT NO. 52 25526 0001 TASK NO. 000009

PROJECT: Lincoln M.S.

SURVEYOR: D. Carter / P.C.O.T.G.

DATE: 020209

AREA NAME/DESCRIPTION

Bldg D Student Dining

10 Bldg D Serving Area

11 Bldg D Faculty Dining

12 Bldg E Rm 217

13 Bldg E 2nd Flr Stair's

14 Bldg E Main Office

15 Bldg E Rm 217A

16 Bldg E Rm 217B

17 Bldg E Rm 217C

18 Bldg E Rm 217D

19 Bldg E Rm 217E

20 Bldg E Rm 217F

21 Bldg E Rm 217G

22 Bldg E Rm 217H

23 Bldg E Rm 217I

24 Bldg E Rm 217J

25 Bldg E Rm 217K

26 Bldg E Rm 217L

27 Bldg E Rm 217M

28 Bldg E Rm 217N

29 Bldg E Rm 217O

30 Bldg E Rm 217P

31 Bldg E Rm 217Q

32 Bldg E Rm 217R

33 Bldg E Rm 217S

34 Bldg E Rm 217T

35 Bldg E Rm 217U

36 Bldg E Rm 217V

37 Bldg E Rm 217W

38 Bldg E Rm 217X

39 Bldg E Rm 217Y

40 Bldg E Rm 217Z

41 Bldg E Rm 217AA

42 Bldg E Rm 217AB

43 Bldg E Rm 217AC

44 Bldg E Rm 217AD

45 Bldg E Rm 217AE

46 Bldg E Rm 217AF

47 Bldg E Rm 217AG

48 Bldg E Rm 217AH

49 Bldg E Rm 217AI

50 Bldg E Rm 217AJ

51 Bldg E Rm 217AK

52 Bldg E Rm 217AL

53 Bldg E Rm 217AM

54 Bldg E Rm 217AN

55 Bldg E Rm 217AO

56 Bldg E Rm 217AP

57 Bldg E Rm 217AQ

58 Bldg E Rm 217AR

59 Bldg E Rm 217AS

60 Bldg E Rm 217AT

SAMPLE #	BEDROOM/FLOOR	AREA CODE/CLASSE	MATERIAL DESCRIPTION / COLOR	ESTIMATED QUANTITY					PEELING CODE	SUBSTRATE CODE	CHEMABLE SURFACE	CONTACT CODE	CODE
				1 LINEAR FEET	2 SQUARE FEET	3 SQUARE YARDS	4 CUBIC INCH	5 EACH					
01	1st FT	09	22 Brown Paint/ Plastic Wall							2	5		
01	10		23 Tan Paint/ Wall							2	3		
01	11		25 Tan Paint/ Chair rail							2	1		
01	10		47 Silver Paint/ Poster Board							1	5		
01	12		05 Tan Paint/ Door Casing							1	5		
01	13		21 Tan Paint/ Base Board							4	0		
01	14		07 Tan Paint/ Stair Risers							1	2		
01	15		14 Tan Paint/ Window Sill							1	2		
01	16		12 Tan Paint/ Vault Door							5	5		
01	17		15 Tan Paint/ Door Casing							1	5		
01	18		16 Tan Paint/ Door Casing							1	5		
01	19		17 Tan Paint/ Door Casing							1	5		
02	0		14 Tan Paint/ Door Casing							1	2		

AREA NAME/DESCRIPTION	UNIT CODES	PARTS PER MILLION	PERCENTAGES
10 Bldg D Stair's	1 LINEAR FEET	1000	1%
11 Bldg D Serving Area	2 SQUARE FEET	1000	1%
12 Bldg D Faculty Dining	3 SQUARE YARDS	1000	1%
13 Bldg D Rm 217A	4 CUBIC INCH	1000	1%
14 Bldg D Rm 217B	5 EACH	1000	1%

FOR LAB USE ONLY	ANALYST'S SIGNATURE/DATE
	LAB DIRECTOR'S SIGNATURE/DATE

- 21 BASEBOARD
22 WALLS
23 WALLS, LOWER
24 WALLS, UPPER
25 CHAIR RAIL
26 DOOR, EXTERIOR
27 EXTERIOR, DOOR CASING
28 EXTERIOR, WINDOW CASING
29 EXTERIOR, WINDOW MULLIONS
30 EXTERIOR, WINDOW SILL
31 THRESHOLD
32 DRYWALL
33 LOWER TRIM
34 UPPER TRIM
35 CORNERBOARD
36 SIDING
37 CELLAR WINDOW UNIT
38 FLOOR
39 RAILING CAPS
40 SUPPORT COLUMN
- 41 JOIST
42 CEILING
43 RADIATOR
44 ACCESS HATCH COVER
45
- 46
- 47 Poster board frame
Vault door
48
- 49
- 50

Calibration Check Test Results
RMD XRF Unit

PAGE 1 OF 1

Address / Unit No. LINCOLN MS - 1501 CALIFORNIA AVE
SANTA MONICA, CA 90403

Device: RMD XRF

Date: 1-29-09 XRF Serial No. 1332

Contractor: ATC ASSOCIATES

Inspector Name: DAMON CARRIER Signature [Signature]

NIST SRM Used 1.0 mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>0.6</u>	<u>0.8</u>	<u>0.2</u>

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Third Calibration Check (if required)

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Fourth Calibration Check (if required)

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

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

Calibration Check Test Results
RMD XRF Unit

PAGE 1 OF _____

Address / Unit No. LINCOLN MS - 1501 CALIFORNIA AVE
SANTA MONICA, CA 90403

Device: RMD XRF

Date: 1-29-09 XRF Serial No. 1332

Contractor: ATC ASSOCIATES

Inspector Name: DAMON CARRIBER Signature [Signature]

NIST SRM Used 1.0 mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>0.6</u>	<u>0.8</u>	<u>0.2</u>

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Third Calibration Check *(if required)*

NIST SRM			Third Average	Difference Between Third Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Fourth Calibration Check *(if required)*

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

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

Calibration Check Test Results
RMD XRF Unit

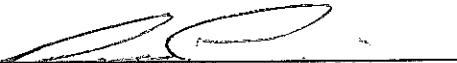
PAGE 1 OF 1

Address / Unit No. LINCOLN MS - 1501 CALIFORNIA AVE
SANTA MONICA, CA 90403

Device: RMD XRF

Date: 1-30-09 XRF Serial No. 1332

Contractor: ATC ASSOCIATES

Inspector Name: DAMON CARRIER Signature 

NIST SRM Used 1.0 mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Third Calibration Check *(if required)*

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

Fourth Calibration Check *(if required)*

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

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

Calibration Check Test Results
RMD XRF Unit

PAGE 1 OF 1

Address / Unit No. LINCOLN MS - 1501 CALIFORNIA AVE
SANTA MONICA, CA 90403

Device: RMD XRF

Date: 1-30-09 XRF Serial No. 1332

Contractor: ATC ASSOCIATES

Inspector Name: DAMON CARRIER Signature [Signature]

NIST SRM Used 1.0 mg/cm² Calibration Check Tolerance Used _____ mg/cm²

First Calibration Check

NIST SRM			First Average	Difference Between First Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Second Calibration Check

NIST SRM			Second Average	Difference Between Second Average and NIST SRM*
First Reading	Second Reading	Third Reading		
<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>1.0</u>	<u>0</u>

Third Calibration Check *(if required)*

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

Fourth Calibration Check *(if required)*

NIST SRM			Fourth Average	Difference Between Fourth Average and NIST SRM*
First Reading	Second Reading	Third Reading		

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

XRF LEAD BASEL INT SURVEY

ASSOCIATED
25 Cupania Circle
Monterey Park, CA 91755

1-29-09

Date: 1-29-09

Project No.: 52-25526-0008

Task No.: 000001

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.

Inspector(s): DALEON CARPENTER / PHYL COTTA

Spectrum Analyzer ID #:

19634

19634

Spectrum Analyzer ID #:

19634

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
1		CALIBRATION							1.0
2									1.0
3	1	Main Bldg Rm 120	E		S	Canvas wall covering	wood	TAN	0
4	1st Fl				N	window	metal	white	0
5					W	vinylized	wood	white	0
6					E	Door frame	wood	white	0
7					E	Door frame	metal	white	0
8					S	Door frame	metal	white	0
9					N	support column	wood	white	0
10		Main Bldg 1134A			N	wall	wood	white	0
11					E			0	0
12					W			0	0
13					S			0	0
14	1			+	S	Door frame	wood	blue	0
15	1			+	S	Door frame	metal	white	0

COMMENTS:

CONDITION OF PAINT:

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

XRF LEAD BASEL INT SURVEY



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

Date: 1-29-09

Project No.: \$2.25526.0000

Task No.: 00001

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.

Inspectors: DAWN CARPENTER / PHYL COTTA

19634

Spectrum Analyzer ID #:

90403

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm²)
1	/	CARIBBEAN	/	/	/	/	/	/	1.0
2	/	/	/	/	/	/	/	/	1.0
3	/	/	/	/	/	/	/	/	6.6
4	1ST FL	Main Bldg. Rm 120	T	S	Canvas wall covering	Scuffed metal	TAN	Ø	
5	/	/	/	N	window Casing	wood	white	Ø	
6	/	/	/	E	Window Frame	wood	white	Ø	
7	/	/	/	E	Door Frame	wood	blue	Ø	
8	/	/	/	E	Door Frame	metal	white	Ø	
9	/	/	/	E	Support Column	Drywall	white	Ø	
10	/	Main Bldg. 1804	/	N	wall	/	white	Ø	
11	/	/	/	E	/	/	/	Ø	
12	/	/	/	W	/	/	/	Ø	
13	/	/	/	S	/	/	/	Ø	
14	/	/	/	S	Door Frame	wood	blue	Ø	
15	/	/	/	S	Door Frame	metal	white	Ø	

COMMENTS:

CONDITION OF PAINT:

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

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN A.S. - 1501 CALIFORNIA AVE.19034

Spectrum Analyzer ID #:

Santa Monica, CA 90403

Inspectors:

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	color	Result (mg / cm²)
16	1st fl	Main Bldg. Rm 115	+		E	Cansus with covering	wood Board	tan	0
17			id		id	Window Casing	metal	white	0
18			↓		↓	Window frame	wood	white	0
19			↓		E	Door	↓	blue	0
20			↓		↓	Door Paint	metal	white	0
21		Rm 114 window	↓		W	Support column	drywall	white	0
22		wall	↓		W	plaster	white	0	
23			↓		E	↓	↓	0	*
24			↓		W	↓	↓	0.1	
25			↓		S	↓	↓	0	
26			↓		N	Door	wood	gray	0
27			↓		↓	Door Frame	metal	black	0
28			↓		W	Window Casing	↓	white	0
29			↓		W	Window sill	wood	black	0
30			↓		S	Cabinet	wood	white	0

COMMENTS: metal signs (Glass) 0

CONDITION OF PAINT:

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

XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN H.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: 19034
 Inspector(s):

Spectrum Analyzer ID #:

Survey Location: SANTA MONICA, CA 90403

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	color	Result (mg / cm²)
16	1st Fl	Main Bldg. Room 115	T		E	Canvas wall covering	wood	tan	0
17			I		W	windows Casing	metal	white	0
18			I		S	windows frame	wood	tan	0
19			I		E	Door	wood	blue	0
20			I		E	Door frame	metal	white	0
21			I		W	support column	drywall	white	0
22		Rm 114 wainscoting	T		N	wall	plaster	white	0
23			I		E		wood	tan	0.1
24			I		W		wood	tan	*
25			I		S		wood	tan	0
26			I		N	Door	wood	brown	0
27			I		E	Door frame	metal	tan	0
28			I		W	windows Casing	wood	white	0
29			I		S	windows sill	wood	tan	0
30			I		E	Cabinet	wood	white	0

COMMENTS: metal signs @ glass window

CONDITION OF PAINT:

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

XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

1-29-09

Date: 1-29-09
Project No.: 52.25526.0001Task No.: 00001

Client: SANTA MONICA MUSEUM
LINCOLN RD. - 1501 CALIFORNIA AVE.
DAMON CATHAR / PHM COTT

Survey Location: SANTA MONICA, CA 90403

Inspector(s):

16034

Spectrum Analyzer ID #: 16034

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm²)
31	1ST	MAIN BUILD - Lm 116		S	WALL	PLASTER	WHITE	0.2	
72				W	"	"	"		
33				"	WOODEN CASE	MDF	"		
34				"	WOODEN SILL	WOOD	"		
35				E	DOOR	"	BLK		
36				"	DOOR FRONT	MDF	WHITE		
37				S	WOODEN FRONT	"	"		
38	1ST	REAR PARKING		N	WOOD	CONCRETE	YELLOW		
39				W	"	"	"		
40				E	"	"	"		
41			INTACT	5cm	CENTRAL SUPPORT COLUMN WORD	"	"	0.1	
42					SUPPORT BEGAN	"	WHITE	0.2	
43					FREE HANGING	MDF	"		
44					"	CONCRETE FLOORING	"	0.1	
45					N	CEILINGS	YELLOW		

COMMENTS:

CONDITION OF PAINT:

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

3 70
PAGE 70 OF 70

XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

1-29-09

Date: 52.25526.0001Project No.: 00001

Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.Inspector(s): DANIEL CANTU / PHM COTTA

1/2034

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
31	1ST	MAIN BLDG - RM 116		S	WALL	PLASTER	WHITE	0.2	
72				W	U	LEAF	WHITE		
33				U	WOOD	PAINT	WHITE		
34				H	WOOD	PAINT	WHITE		
35				E	DOOR	PAINT	WHITE		
36				"	DOOR FRAM	PAINT	WHITE		
37				S	WOOD	PAINT	WHITE		
38	1ST	KNIFE ELEMENT	N	WALL	CONCRETE	YELLOW	WHITE		
39				W	U	PAINT	WHITE	0.1	
40				E	U	PAINT	WHITE	0.2	
41		INTACT	5cm	CENTER	SUPPORT BEAM	WOOD	WHITE	2.8	
42				U	SUPPORT BEAM	WOOD	WHITE	0	
43				U	PIPE	WOOD	WHITE	0.1	
44				U	CONCRETE	PAINT	WHITE	0	
45				N	CEILING	PAINT	WHITE	0	

SHELVING

COMMENTS:

CONDITION OF PAINT:

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

PAGE 3 OF 70



XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 5/2/2001
 Project No.: 52-25526.0001
 Task No.: 000001

Client: SANTA MONICA MALL, 660Survey Location: LINCOLN A.S. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403

Inspector(s): _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
44	Basement	Main Bldg - Rm 114			E	CORNER	WOOD	Yellow	0
47					S	HIGH PAINT	METAL	Orange	0
48					W	WINDOW Casing	W	Yellow	0
49			T	1oz	E	DOOR	WOOD	Orange	> 9-9
50			T	1oz	A	Doorsame	"	Yellow	79.9
51		Basement ELECTRICAL			W	WALL	CONCRETE	Black	0
52	Rm:				E	"	"	"	0
53					N	"	"	"	0.2
54	1ST	- Rm 112			N	WALL	PAINTED	TAN	0
55					W				
56					S		PASTEL		0
57					E		"	"	0
58					E	DOOR	WOOD	Blue	0
59					W	Doorsame	METAL	"	0
60					S	"	CERAMIC	Grey	0

COMMENTS: _____

CONDITION OF PAINT:

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

PAGE 4 OF 70



XRF LEAD BASEL - INT SURVEY

VAT
Associates
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 000001
Task No.:

Client: SANTA MONICA MALL BLDG 160
Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Spectrum Analyzer ID #: Inspector(s): Task(s):

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	color	Result (mg / cm ²)
46	Basement	Main Bldg - Rm 116			E	CABINET	WOOD	yellow	0
47					S	HALL	METAL	black	0
48					W	WINDOW	"	yellow	0
49			T	1oz	E	DOOR	WOOD	black	>9-9
50			T	1oz	"	DRUGSTORE	"	green	79.9
51					W	WALL	CONCRETE	black	0
52			E	"	"	"	"	"	0
53	1ST	- Rm 112	N	"	"	"	"	"	0.2
54					N	WALL	PLASTER	TAN	0
55					W		drywall	"	
56					S		plaster	"	0
57			E				"	"	0
58			E		DOOR	WOOD	black	0	
59			"		ROOFING	METAL	"	0	
60			S	1oz	"	"	CERAM	0	

COMMENTS: _____

CONDITION OF PAINT:

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

4 / 70
PAGE _____ OF _____



25 Cupania Circle
Monterey Park CA 91755

XRF LEAD BASED PAINT SURVEY

Date: 5/2/2001 Project No.: 52-25526.0001
Client: SANTA MONICA MARCH 2000 Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.
Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Date: 12.25.26.0001

10000
Total No. 1

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
61	LST	MAIN DOOR Rm 11 D B		N	DOOR TOP	PAINTED	COPPER	BRONZE	0.2
62				N	WALL	PAINTED	TAN	BRONZE	0.2
63				W					
64				S					0.1
65				E					0.1
66		Rm 11 1/2		S	COTTON FABRIC	WOOD	TAN	BRONZE	0.2
67		Rm 11 2 C		N	WALL	PAINTED	TAN	0.3	
68				E					
69				S					
70				W					0.2
71				N	FRANK WINDOW	METAL			
72				W	WINDOW CADING				0.2
73				E	WINDOW SILL	WOOD			0.2
74		Rm 11 2 D							
75				N	WALL	PAINTED	TAN	BRONZE	0.2
				E					

COMMENTS:

CONDITION OF PAINT:

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

PAGE 5 OF 70



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASED - NT SURVEY

Date: \$2.25526 .0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MUSEUM
LINCOLN AVE. - 1501 CALIFORNIA AVE.
 Survey Location:

Inspector(s):

Spectrum Analyzer ID #:
 Spectrum Analyzer ID #:

Task:

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface Description	Substrate Description	Color	Result (mg / cm ²)
61	1ST	MAIN DULL Rm 112B		N		DULL RUSTIC	PAINTED	COPPER	0
62				N		WORN PAINTER	TAN	0	
63				W					
64				S					
65				H					
66	Rm 112			S	CATHER RUSTIC	WOOD	TAN	0	
67	Rm 112C			N	WORN PAINTER	PAINTER	TAN	0.3	
68				B					
69				S					
70				W					
71				N	WINDOW PAINTER	METAL			
72				W	WINDOW PAINTER	DOWN			
73				H	WINDOW SILL	WOOD			
74				N	WORN PAINTER	DOWN	TAN	0	
75				H					

COMMENTS:

CONDITION OF PAINT:

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

70
 PAGE 5 OF 70

XRF LEAD BASEL - INT SURVEY



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN PL. S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Load	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm²)
74	1ST	MAIN BLDG - RM 112D		S	MAIN	PLASTER	TAN	GT	
77				W	N	W	W	GT	
78				W	WINDOW	METAL	W	GT	
79				W	WINDOW	METAL	W	GT	
80		RM 112E		N	WATER	PLASTER	TAN	GT	
81		RM 112F		E	W	PLASTER	W	GT	
82		RM 112A		N	W	W	W	0.3	
83				S	W	PLASTER	W	GT	
84		RM 110 (NURSE)		N	WATER	PLASTER	TAN	0.5	
85				E				GT	
86				S				GT	
87				W				GT	
88				E	WOOD	WOOD	BLUE	GT	
89				E	DOOR FRAME	METAL	TAN	GT	
90				W	WATER	PLASTER	W	0.1	

COMMENTS:

CONDITION OF PAINT:

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

PAGE 6 OF 70



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 52.25.26.0001
 Project No.: 00001
 Task No.: -

Client: SANTA MONICA MALL 110

Survey Location: LINCOLN BL. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

Inspector(s): INT SURVEY

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm²)
74	157	MAIN FLOOR - RM 112 D			S	WALL	PLASTER	TAN	0.5
77					W	N	WALL	Y	0
78					W	WINDOW CROWN SILVER	METAL	W	0
79					E	WALL	WEDDING	W	0
80		RM 112 E			N	WALL	PUNISHER	TAN	0
81		RM 112 F			E	N	PUNISHER	W	0.5
82		RM 112 A			N	N	WALL	W	0.3
83	1				S	N	DIPURPLE	W	0
84		RM 110 (NURSERY)			N	WALL	PUNISHER	TAN	0.5
85					E				0
86					S				0
87					W				0
88					E	DOOR	WOOD	BLUE	0
89					E	DOOR FRAME	METAL	TAN	0
90		RM 110 A			W	WALL	PLASTER	W	0.1

COMMENTS:

CONDITION OF PAINT:

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

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
91	1st	MEN BLDG - RM 110A			S	POLYURETHANE	METAL	TAN	0.1
92		RM 110B			E	PAINT	DRYWALL	TAN	0-
93					S				
94					W				0-
95					N				0-
96					E	TOILET	PORCELAIN	WHITE	0-
97		ROOF			U	SINK	PLASTER	"	0-
98		RM 110C			N	WPN	DRYWALL	TAN	0-
99					E	WINDOW	DRYWALL	TAN	0-
100					W	WINDOW	PLASTER	TAN	0-
101					S	DOOR	WOOD	BROWN	0-
102					S	DOOR	PLASTER	WHITE	0-
103					N	WPN	DRYWALL	TAN	0-
104		RM 108			W	"	"	"	0-
105		CLOSET			"	"	"	"	0-

COMMENTS:

CONDITION OF PAINT:

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

PAGE 7 OF 70



XRF LEAD BASEL - INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s): 00001Spectrum Analyzer ID #: 00001

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm²)
91	1st	MEN BLDG - RM 110A		S	POLYURET	METAL	TAN	0.1	
92		RM 110B		E	WPN	DRYWALL	TAN	0	
93				S					
94				W					
95				N					
96				E	TOILET	PORCELAIN	WHITE	0	
97				U	SINK	"	"	0	
98					CENTER CEILING	DRYWALL	TAN	0	
99				N	WPN	PLASTER	TAN	0	
100				E	"	DRYWALL	"	0	
101				W	WINDOW FRAME	METAL	"	0	
102				S	Door	WOOD	BROWN	0	
103				S	Door Frame	METAL	TAN	0	
104				N	WPN	DRYWALL	TAN	0	
105				W	"	"	"	0	

COMMENTS:

CONDITION OF PAINT:

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

PAGE 7 OF 70



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUM

Spectrum Analyzer ID #:

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
106	LS+	MEN BUPB - Rm 108			S	WALL	DISHWASH	TAN	27
107				E	N	PLASTER	"	"	2.1
108					W	SINK	CERAMIC	WHITE	27
109					W	DOOR	WOOD	GRAY	27
110					W	DRUGSTORE	METAL	"	27
111		- Rm 106		N	WALL	DRYWALL	TAN	"	27
112				E S				"	27
113				E				"	27
114				W				"	27
115				W	WILSON PHARM	WOOD	TAN	"	27
116				"	WILSON SICK	"	"	"	27
117				N	DOOR	WOOD	BLK	"	27
118		- Rm 104		N	WALL	DRYWALL	TAN	"	27
119				E			"	"	27
120				S			"	"	27

COMMENTS: Rm 108 A - INACCESSIBLE

CONDITION OF PAINT:

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

PAGE 8 OF 20

XRF LEAD BASEL INT SURVEY



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Spectrum Analyzer ID#:

SANTA MONICA MUSEUM 100

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
106	1ST	MEN BATH - Rm 108			S	WHIT	BATHRUM	TAN	2
107			E		N	PUNTBAL	N		0.1
108					N	SINK	CHROME		
109					W	DOOR	WOOD	WHITE	2
110					N	WOOD	METAL	W	0
111	- Rm 106				N	WHIT	DOWNTUBE	TAN	0
112			E S						
113			E						0
114			W						0
115			W		WOOD	WOOD	TAN		2
116					N	WOOD	SLV	W	0
117					N	DOOR	WOOD	BRK	0
118	- Rm 109				N	WHIT	DECKING	TAN	0
119			E						0
120			S						0

COMMENTS: Rm 108A - INACCESSIBLE

CONDITION OF PAINT:

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

PAGE 8 OF 70

XRF LEAD BASELMENT SURVEY



Associates
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUM
 Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Spectrum Analyzer ID #:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm²)
(21)	1ST	MARIN BLDG - Rm 104			W	WALL	DRYWALL	TAN	0
(22)						WINDOW FRAMING	WOOD	TAN	0
(23)						WINDOW SILL	WOOD	TAN	0
(24)						HEAT EX CASING	METAL	TAN	0
(25)					N	DOOR	WOOD	BLUISH	0
(26)					N	DOOR FRAME	WOOD	TAN	0
(27)		- Rm 102			N	WALL	DRYWALL	TAN	0
(28)					E				0
(29)					S				0
(30)					W				0
(31)						WINDOW FRAMING	WOOD	TAN	0
(32)						WINDOW SILL	WOOD	TAN	0
(33)					E	DOOR	WOOD	BLUE	0
(34)					N	DOOR FRAME	METAL	TAN	0
(35)					W	HEAT EX CASING	WOOD	TAN	0

COMMENTS:

CONDITION OF PAINT:

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



XRF LEAD BASEL / INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MALL BLDG
Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

Santa Monica, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
121	15	MALL BLDG - Rm 104			W	WALL	WOOD	TAN	0
122						WINDOW FRAME	WOOD	TAN	0
123						WINDOW SILL	WOOD	TAN	0
124						HEATER CASING	METAL	TAN	0
125					N	DOOR	WOOD	BLUE	0
126					N	DOOR PTH DRINK	WOOD	TAN	0
127		- Rm 102			N	WALL	WOOD	TAN	0
128					E				0
129					S				0
130					W				0
131						WINDOW FRAME	WOOD	TAN	0
132						WINDOW SILL	WOOD	0	0
133					E	DOOR	WOOD	BLUE	0
134					N	DOOR FRAME	METAL	TAN	0
135					W	HEATER CASING	WOOD	TAN	0

COMMENTS: _____

CONDITION OF PAINT:

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



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASED - NT SURVEY

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MALL, INC

Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.

Santa Monica, CA 90403

Inspector(s):

Spectrum Analyzer ID #:

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
136	1ST	MAIN HALL - LN (D)			N	WHITE	PLASTER	TAN	0.1
137				E					
138				S					0.2
139				W					
140					N	WINDOW CASING	METAL	TAN	
141					S	DOOR	WOOD	BLUE	
142					S	DOOR FRAME	METAL	TAN	
143					E	BASEROOM	WOOD	TAN	
144		- Rm 103		E	WHITE	PLASTER	TAN	0.2	
145				S					
146				W					
147				N					
148				E	WINDOW CASING	METAL	TAN		
149				W	WINDOW SILL	WOOD	WHITE		
150				W	DOOR	WOOD	BLUE		

COMMENTS:

CONDITION OF PAINT:

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



XRF LEAD BASED - NT SURVEY

ASSOCIATED
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MALL, INC.Survey Location: LINCOLN A.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
136	1ST	MAIN HALL - LN (D)			N	WHITE	PLASTER	TAN	0.1
131				E					
138				S					0.2
139				W					
140				N	WINDOW CASING	METAL	TAN		
141				S	DOOR	WOOD	BROWN		
142				U	DOOR FRAME	METAL	TAN		
143				U	BASEBOARD	WOOD	TAN		
144		- Rm 103		E	WHITE	PLASTER	TAN		
145				S		DIM WHITE			
146				W					
147				N					
148				E	WINDOW CASING	METAL	TAN		
149				U	WINDOW SILL	WOOD	BROWN		
150				W	DOOR	WOOD	BROWN		

COMMENTS:

CONDITION OF PAINT:

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



25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL ANT SURVEY

Synta Monica Mazzoni USO

卷之三

Survey | cont'd.

Date: 13/25/2000

Project No.: 522-2000

Task No.: 1

Spectrum Analyzer ID #: SW/NIC/ME/BS/00

LINCOLN M. S. - 1501 CONSTITUTION AVE

Survey Location:

Client: 34714 MONTE MUFFIN BLD V.2 Spectrum Analyzer ID #: 90403

Survey Location:

卷之三

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
151	1ST	MEN BUD - RM 103	.	.	W	DOOR FRAME METAL	METAL	TAN	0
152		RM 105	.	.	N	WALL	DRYWALL	TAN	0
153			.	.	E		PLASTER	;	0
154			.	.	S			;	0
155			.	.	W			;	0.1
156			.	.	E	WINDOW CASING	METAL	TAN	0
157			.	.	"	WINDOW SILL	WOOD	"	0
158			.	.	W	DOOR	WOOD	BLUE	0
159			.	.	"	DOOR FRAME	METAL	TAN	0
160		RM 107 C207 RR	.	.	N	WALL	CERAMIC	WHITE	0
161			.	.	CENTER	FLOOR	TERAZZO	ORANGE	0
162			.	.	N	SINK	PORCELAIN	WHITE	0
163			.	.	S	TOILET	"	"	0
164			.	.	"	STAIRS WALL	WOOD	BLUE	0
165			.	.	E	WINDOW CASING	METAL	WHITE	0

CONDITION OF PAINT:

INTACT	= FAIR - Small Amount Flaking
?	POOR - Large Amounts Flaking



XRF LEAD BASEL - INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
151	1ST	MEN BLDG - RM 103			W	DOOR FRAME	METAL	TAN	0
152		RM 105			N	WALL	BROWN	TAN	0
153					E		PLASTER		0
154					S				0
155					W				0.1
156					E	WOODEN CASING	METAL	TAN	0
157					"	WOODEN SILL	WOOD	"	0
158					W	DOOR	WOOD	BLUE	0
159					N	DOOR FRAME	METAL	TAN	0
160		RM 107 GARD			N	WALL	CERAMIC	WHITE	0
161					CENTER	FLOOR	THREE-TONE	DARK GRAY	0
162					N	SINK	PORCELAIN	WHITE	0
163					S	TOILET	LIQUID	"	0
164					"	STAIN	WOOD	BLUE	0
165					E	WOODEN CABIN	METAL	WHITE	0

COMMENTS: _____

CONDITION OF PAINT:

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

PAGE 4 OF 70



XRF LEAD BASEL

AAT
ASSOCIATES
25 Cuparia Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MALL, Bldg 100Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s): Spectrum Analyzer ID #: Survey Location: Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
166	1ST	MALL BLDG - 1 MIL 07 GALS			W	DOOR	WOOD	BLUE	0
167					E	DOOR FRAME	METAL	TAN	0
168		Rm 101 B CONF ROOM			S	WHITE	DOOR WHITE	TAN	0
169					N		W		0
170					E		PLASTER		0.4
171					W		W		0
172					E	WINDOW CABINET	METAL	TAN	0
173					"	WINDOW SILVER	WOOD	W	0.2
174		Rm 109			S	WHITE	PLASTER	TAN	0
175					E				0.2
176					N				0.1
177					W				0.1
178					E	WINDOW FRAME	WOOD		0
179					W	DOOR	WOOD	BLUE	0
180					"	DOOR FRAME	METAL	TAN	0

COMMENTS:

CONDITION OF PAINT:

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



XRF LEAD BASEL NT SURVEY

VAT
ASSOCIATED
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MALL, Bldg 100Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
164	1ST	MARIN BLDG - 1 MILITARY	GRNL	W	DOOR	WOOD	BLUE	OR	
167			1	W	DOOR	METAL	TAN	OR	
168		LIN B CONF Rm	S	WHI	DRWTHR	TAN	OR		
169			N	W	W	PLASTER	OR		
170			E	W	W	PLASTER	0.4		
171			W	W	W	PLASTER	OR		
172			E	WINDY CHINC	WINDY	METAL	TAN	OR	
173		Rm 109	W	WINDY	WOOD	W	0.2		
174			S	WHI	PLASTER	PLASTER	OR		
175			E	W	W	W	0.2		
176			N	W	W	W	W	0.1	
177			W	WINDY FRM	WOOD	W	OR		
178			E	WINDY FRM	WOOD	W	BLUES	OR	
179			W	DOOR	DOOR	W	BLUES	OR	
180			W	DOOR	DOOR	METAL	TAN	OR	

COMMENTS:

CONDITION OF PAINT:

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



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - NT SURVEY

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MUSEUM
 Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.
 Inspector(s):

Spectrum Analyzer ID #:

SANTA MONICA MUSEUM - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
181	1ST	MARIN BLD RM 109	T	40 UP	N	INSIDE	WOOD	TAN	4.1
182		- RM 111A	E		WALL	PUNCHED	WOOD	TAN	0.4
183			N		W	DAMAGED	WOOD		
184						WALL	WOOD		
185			S			WALL	WOOD		
186			F		WINDOW	METAL	TAN		
187			"		WINDOW	WOOD	"		
188			T	12 UP	"	BASBOARD	"	"	1.7
189		- RM 111	E		WALL	DAMAGED	TAN		
190			S		N	PUNCHED	WOOD		
191						WALL	WOOD		0.2
192						DAMAGED	WOOD	TAN	
193					"	CASING	WOOD	TAN	0.4
194		- RM 113	N		WALL	DAMAGED	TAN		
		- ADMIN OFF	"		"	PLASTER	"		
195						WALL	PLASTER	"	0.2

COMMENTS:

BASBOARD - RM 1113 - 24 UP (T)

CONDITION OF PAINT:

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

13 70
PAGE ____ OF ____



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
181	1ST	MEN BLDG RM 109	T	40 LF	N	BIG BOARD	WOOD	TAN	4.1
182		- RM 111A	E	WPN	PENSHAL	TAN		0.4	
183			N		DAMAGED				
184			W						
185			S						
186			E	WINDOW CASING	INTERIOR	TAN			
187			N	WINDOW SILL	WOOD	"			
188			E	BASBOARD	LL			1.7	
189		- RM 111	12 LF	WPN	DAMAGED	TAN			
190			S		"				
191			N		PUNCTURE			0.2	
192			W	1	"				
193			"	DOOR CASING	WOOD	TAN		0.4	
194		- RM 113 OFF	N	WPN	DAMAGED	TAN			
195			W	"	PLASTER	"		0.2	

COMMENTS:

BIG BOARD - RM 111B - 24 LF (T)

CONDITION OF PAINT:

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

XRF LEAD BASEL - NT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 000001
Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
196	1ST	MKR IN BULL - Rm 113		S	W/N	PUNISHER	TAN	0.1	
197				E	"	"	"	0.1	
198				E	WINDOW SILL	WOOD	"	0.1	
199				S	VINYL FRAME	"	"	0.1	
200				S	DOOR	WOOD	BLUE	0.1	
201				"	DOOR FRONT	METAL	TAN	0.1	
202		Rmall's MAIN OFFICE	N	W/N	DOOR	WOOD	TAN	0.1	
203			E	"	PUNISHER	"	0.5		
204			S	"	"	"	"	0.1	
205				W	"	"	"	0.1	
206			E	WINDOW Casing	METAL	WHITE	0.1		
207			"	WINDOW SILL	WOOD	"	0.2		
208			"	E	DOOR	METAL	BLUE	0.1	
207			"	"	DOOR FRAME	"	TAN	0.1	
210			E	VAULT DOOR	"	WOOD	BLUE	5.0	

COMMENTS:

Rm 113 - DISBURST - 28 WF
Rm 115 " 49 WF

CONDITION OF PAINT:

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

PAGE 14 OF 70



XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM 610Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
211	1ST	MEN'S BLDG - Rm 117	POOR	S	WHL	PLASTIC	TAN	0.3	
212				W					
213				N				0	
214				E				0.1	
215					WINDOW CHAIN	METAL	WHITE	0	
216					WINDOW SILL	WOOD	W	0	
217				N	DOOR	WOOD	BLK	0	
218				W	DOOR FRNT	METAL	TAN	0	
219		Rm 117 D-RK		S	WALL	PLASTER	TAN	0	
220				W	"	CERAMIC	WHITE	0	
221				CENTER	DOOR	"	GRAY	0	
222				N	SINK	PORCELAIN	WHITE	0	
223				W	TOILET	"	W	0	
224				CENTER	CEILING	"	TAN	0	
225				E	DOOR FRNT	METAL	TAN	0	

COMMENTS:

Rm 117 - BRIEF PAINT - GOLF

CONDITION OF PAINT:

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

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM USDSurvey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
211	1ST	MEN'S BLDG - Rm 117	GOOD - NO SPOT	S	WALL	PLASTER	TAN	0.3	
212				W					
213				N				0	
214				E				0.1	
215				WINDOW CRACK	METAL	WHITE	BLACK		
216				WINDOW SILL	WOOD	WHITE	BLACK		
217				DOOR	WOOD	BLACK	BLACK		
218				DOOR FRNT	METAL	TAN	BLACK		
219		Rm 117 D-R		S	WALL	PLASTER	TAN	0	
220				W	CEMENT	WHITE	BLACK		
221				CENTER PDRN	"	SPRAY	BLACK		
222				N	SINK	PORCELAIN	WHITE	0	
223				W	TOILET	"	BLACK	0	
224				CENTER	CEILING	"	TAN	0	
225				E	DOOR FRNT	METAL	TAN	0	

COMMENTS:

Rm 117 - BAPTIST CHURCH - GOLF

CONDITION OF PAINT:

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

PAGE 15 OF 70

XRF LEAD BASEL - NT SURVEY



25 Cupanis Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint:	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
226	1ST	MAIN BLDG - PHILLIPS	W	W	N	DAMAGED	TAN	F	
227			E	N	N	PLASTER	1	F	
228			S					F	
229			S					F	
230		J	SY UP	N	NEBBORO	WOOD	TAN	3.7	
231		- B/G RUSTIC	W	WPN	CERAMIC	WHITE	WHITE	F	
232			CENTRAL	PAINT	U	GROUT	2		
233			E	SILK	PAINTED	WHITE	WHITE	F	
234			U	TOILET	U		U	F	
235			W	DOOR	METAL	TAN			
236				DOOR	WOOD	DOOR	F		
237				DOOR	WOOD	TAN	0.2		
238		BOYS RA	S	WPN	CERAMIC	WHITE	F		
239			E	SINK	PORCELIN	1		F	
240			W	TOILET	U			F	

COMMENTS:

Rn 117% - INACCESSIBLE

CONDITION OF PAINT:

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

PAGE 16 OF 70

XRF LEAD BASEL: INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403Inspector(s):

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
226	1ST	MEN'S BLDG - PAINTED			N	WHT	PAINT	TAN	0
227					E		PLASTER	WHT	0
228					S				0
229			I	34 UP	N	BEDROOM	WOOD	TAN	3.7
230		- B/G Restaurant			N	WHT	CERAMIC	WHT	0
231					CENTRAL	PAINT	"	GUM	0
232					E	SINK	PORCELAIN	WHT	0
233					N	TOILET	"	"	0
234					W	DOOR	PAINT	TAN	0
235						DOOR	WOOD	DOOR	0
236						DOOR	PAINT	TAN	0.2
237						DOOR	PAINT	TAN	0.2
238		BOYS RA			S	WHT	CERAMIC	WHT	0
239					E	SINK	PORCELAIN	WHT	0
240			/		W	TOILET	"	A	0

COMMENTS: Ru 117% - INACCESSIBLE

CONDITION OF PAINT:

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

PAGE 16 OF 70



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 5/2/2001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Spectrum Analyzer ID #:

Inspector(s):

Sample No. Floor Room / Area Condition Of Paint Quantity Of Lead Location N.E.S.W Surface Substrate Color Result (mg / cm²)

241	1ST	MARIN ROOM - DOORS & RLS	FLAKING	S	BROWN	PLASTER	WHITE	0
242			FLAKING	W	STAIN	WOOD	BLUE	0
243		ELECTRICAL - LAM POTS & PLATES	FLAKING	N	WOOD PIPE	METAL	WHITE	1.0
244			FLAKING	W	WALL	PLASTER	TAN	0
245			FLAKING	E	WOOD PIPE	METAL	"	0
246			FLAKING	S	DOOR FRAME	"	GRAY	0
247			FLAKING	W	DOOR	WOOD	"	0
248	2ND FLOOR	DOORS	FLAKING	S	WALL	PLASTER	TAN	0.1
249			FLAKING	S	WINDOW Casing	WOOD	TAN	0
250			FLAKING	W	WINDOW SILL	WOOD	WHITE	0
251			FLAKING	W	DOOR	WOOD	WHITE	0
252			FLAKING	W	DOOR	WOOD	TAN	0
253		- RM 123	FLAKING	E	WALL	PLASTER	TAN	0
254			FLAKING	W	WINDOW	METAL	TAN	0
255			FLAKING	W	WINDOW SILL	WOOD	WHITE	0.1

COMMENTS:

CONDITION OF PAINT:

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



XRF LEAD BASEL - INT SURVEY

V A T
A n a l y t i c s
25 Cuparia Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MUSEUM
LINCOLN AVE. - 1501 CALIFORNIA AVE.
 Survey Location: SANTA MONICA, CA 90403

Spectrum Analyzer ID #:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
241	1ST	MRAIN BDRM - BDRM RR	S	1	W	BRICK	PLASTER	WHIT	0
242			5 LF	5	N	STMR	WOOD	BLUE	0
243		ELECTRICAL ELEM PLATES	N	1	H2O PIPE	MFTNL	WHT;	1.0	
244			W	1	W	PUSHIN	TAN	0	
245			E	1	H2O PIPE	METAL	"	0	
246			S	1	DOOR	PLASTER	"	GRN	
247			W	1	DOOR	WOOD	"	0	
248	2ND	Rm 121	S	1	W	PLASTER	TAN	0.1	
249			S	1	WINDN CASING	PLASTER	TAN	0	
250			W	1	WINDN SILL	WOOD	WHIT	0	
251			W	1	DOOR	WOOD	BLUE	0	
252			W	1	DROPPING CEIL	PLASTER	TAN	0	
253		- Rm 123	E	1	W	PLASTER	TAN	0	
254			W	1	WINDN FRAMES	MFTNL	TAN	0	
255			W	1	WINDN SILL	WOOD	WHIT	0.1	

COMMENTS:

CONDITION OF PAINT:

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



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 52.25.26.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MALL - 1100

Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #:

SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
256	1ST	MEN'S GYM - BENCHES		N	DODGE	W/660	TAN	✓	✓
257	n	- 1ST PLATEAU		11	DODGE FLAKING	METAL	■	✓	✓
258				S	WALL	PLASTER	TAN	■	■
259				E			■	0.1	
260				W			■	0	
261				U	WALL	DRYWALL	TAN	✓	✓
262				S	HAND RAIL	METAL	GREEN	✓	✓
263				W	LOCKER	U	LT BLUE	✓	✓
264				E	DRINKING FOUNTAIN	PORCELAIN	WHITE	✓	✓
265				W	BLK IRON CABINET	WOOD	TAN	✓	✓
266				U	STAINLESS STEEL POST	WOOD	TAN	✓	✓
267				U	STAINLESS STEEL	CONCRETE CEMENT	GRAN	✓	✓
268				U	DISPENSER CARTRIDGE	WOOD	TAN	✓	✓
269	2ND	- 210 PL PLATEAU		N	WALL	PURPLE	TAN	✓	✓
270	H			S	CONDUT	METAL	■	✓	✓

COMMENTS:

1ST FL HALLWAY - BASEBOARD - DOOR

CONDITION OF PAINT:

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



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL INT SURVEY

Date: 52.25.26.0001
Project No.: 000001
Task No.:

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
256	1ST	MUSEUM - PAINTS	W	0.00	W/000	TAN		✓	
257	"	- 1ST PL	W	0.00	METAL	"		✓	
258	"	- 1ST PL	S	0.00	PLASTER	TAN			
259	"	E						0.1	
260	"	W						0	
261	"	W						0	
262	"	S	HAND PAINT	0.00	METAL	GREEN		0	
263	"	W	LOCKER	0.00	LT BLUE	✓			
264	"	E	DRINKING POURCEIN	0.00	WHITE	✓			
265	"	W	PIPE HOSE CAP/PLATE	0.00	WOOD	TAN		✓	
266	"	"	STAIN GLASS POST	0.00	"	TAN		✓	
267	"	"	STAIN GLASS CONCRETE	0.00	CEMENT				
268	"	"	DISANT GLASS	0.00	WOOD	TAN		✓	
269	2ND	- 2ND FL ELEC	N	0.00	PLASTER	TAN		✓	
270	H	"	S	0.00	CONDUT	METAL	"	✓	

COMMENTS:

1ST FL KITCHEN - BASEBOARD - 0.00 LF

CONDITION OF PAINT:

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

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM

Spectrum Analyzer ID #:

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
271	1111	MARIN DOOR & Rm 203		N	W/N	POLYSTYRENE	TAN		0.1
272				W	"	DRY WOOD	"		0
273				N	WINDOW CASING	METAL	WHITE	0	0
274				"	WINDOW SILL	WOOD	"		0
275			E	BROKEN	"	TAN	"		0
276		Rm 205	N	W/N	DRYWALL	TAN	0		0
277			W	"	POLYSTYRENE	"	0		0
278		T BUP	"	BASEBOARD	WOOD	"	2.3		
279			E	WINDOW CASING	METAL	WHITE	0		
280			E	WINDOW SILL	WOOD	"	0		
281			W	DOOR	WOOD	BLUES	0		
282			/	DOOR FRAMES	METAL	TAN	0		
283			/	DOOR CASING	WOOD	"	0.2		
284		RK 207 BDR	S	W/N	CERAMIC	LT GRAY	0		
285			"	SINK	PORCELAIN	WHITE	0		

COMMENTS:

CONDITION OF PAINT:

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

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Spectrum Analyzer ID #:

SANTA MONICA MUSEUM

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
271	1NN	WORK BENCH - Rm 203			N	WHN	PLASTER	TAN	0.1
272					W	"	DRY WPN	"	0
273					N	WOODEN CASING	METAL	WHITE	0
274					"	WOODEN SILL	WOOD	"	0
275					E	BROOCH	"	TAN	0
276		Rm 205			N	WHN	DRYWPN	TAN	0
277					W	"	PLASTER	"	0
278		T	64 UP	"	BASEBOARD	WOOD	"	2-3	
279					E	WOODEN CASING	METAL	WHITE	0
280					E	WOODEN SILL	WOOD	"	0
281					W	DOOR	WOOD	BLUE	0
282					I	DOOR	METAL	TAN	0
283					I	DOOR	WOOD	"	0-2
284			RK 207 BDR		S	WHN	CERAMIC	LT GREY	0
285					"	SINK	PORCELIN	WHITE	0

COMMENTS:

CONDITION OF PAINT:

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

PAGE 19 OF 20

XRF LEAD BASEL - INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 000001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.Inspector(s):

Spectrum Analyzer ID#:

SANTA MONICA

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
286	2nd	MEN DOB - RM 207 (R.R.)			N	ULTRAM	POLYUREA	WHITE	0
287					E	TILET	1.	1.	0
288					WINDON CABIN	METAL	WHITE;	0	
289		- RM 207 (R.P.)			N	WHM	PAINT	TAN	0
290					A	SINK	CERAMIC	WHITE	0
291		- RM 209			N	WHM	PAINTED	TAN	0.4
292					S	UL	PAINTED	TAN	0
293					W	DOOR	WOOD	BROWN	0
294						DOOR PANEL	METAL	TAN	0
295						DOOR CASING	WOOD	1.	0
296		- RM 211			E	WHM	PAINTED	TAN	0
297					WINDON CABIN	METAL	WHITE	0	
298					WINDON SILL	WOOD	1.	0	
299		RMS FACULTY LODGE			S	WHM	PLASTER	TAN	0.1
300	2		I	1	ULTRAM	METAL	1	>9.7	

COMMENTS:

RM 211-RMS FACULTY LODGE - 65 LF

CONDITION OF PAINT:

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

PAGE 20 OF 70

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Load	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
286	2ND	MORN BLDG - RM 207 RR		N	UPPER	POLYSTYRENE	WHITE	✓	
287					TILET	1	1	✓	
288				E	WINDOW CABINET	METAL	WHITE	✓	
289		- RM 207 RR		N	WPN	PAINTED TRIM	WHITE	✓	
290				u	SINK	CERAMIC	WHITE	✓	
291				N	WPN	PAINTED	TAN	0.4	
292				S	u	PAINTED	1	✓	
293					DOOR	WOOD	BROWN	✓	
294					DOOR FRM	METAL	TAN	✓	
295				W	DOOR CASE	WOOD	1	✓	
296				E	WPN	PAINTED	TAN	✓	
297					WINDOW CABINET	METAL	WHITE	✓	
298					WINDOW SILL	WOOD	1	✓	
299		RADS FACILITY		S	WPN	PLASTER	TAN	0.1	
300	2	RADS FACILITY	I	1	LAIDEN	METAL	1	>9.1	

COMMENTS:

RM 207-BK&WH - 65 LF

CONDITION OF PAINT:

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

PAGE 20 OF 70

XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: Inspector(s):

Santa Monica, CA 90403

Sample No. Floor Room / Area Condition Of Paint Quantity Of Lead Location N.E.S.W Surface Substrate Color Result (mg / cm²)

301	2ND	MEN BULLS - Rn 215 Test	F	E	WINDING CASTING	MISTAL	TAN WHIT	0
302				E	WINDING PLASTER	WOOD	WHITE	0
303			F	N	SINK	CARTON	W	79.7
304				E	BOTT	WOOD	BLACK	0
305				E	BOTT	WOOD	WHITE	0
306		PL 215A Rest		S	WALL	CEMENTIC	WHITE	0
307			E	E	FLOOR	"	GRAY	0
308				N	SINK	PORCELAIN	WHITE	0
309				W	TOILET	"	"	0
310				E	CENTRAL COLUMNS	IRON/WOOD	WHITE	0
311				E	DOOR	WOOD	BLACK	0
312				E	DOOR	PLASTER	MISTAL	0
313		Rm 217		N	WALL	PLASTER	"	0
314			F	E S UP	DRESSERBOARD	WOOD	"	3.3
315			F	2 ea	DOOR CASING	"	"	7.7

COMMENTS:

CONDITION OF PAINT:

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

PAGE 21 OF 70

XRF LEAD BASEL INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM
Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403
Inspector(s):

Spectrum Analyzer ID #:

Sample No.	Floor	Room/Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm²)
301	2ND	MAIN BLDG - RAN 215 REAR		E	WINDOW CASING	METAL	PAINTED	ORANGE	0
302				E	WINDOW PLATE	WOOD	WHITE	ORANGE	0
303			1 ea	N	SINK PAN	CERAMIC	WHITE	WHITE	79.1
304				E	BATH TUB	WOOD	WHITE	WHITE	0
305				E	BATH CASING	WOOD	WHITE	TAN	0
306		RM 215A REAR		S	WALL	CERAMIC	WHITE	WHITE	0
307				E	FLOOR	"	GRAY	GREY	0
308				N	SINK	PLASTER	WHITE	WHITE	0
309				N	TOILET	"	"	"	0
310				E	CENTRAL CABIN	PAINTED	WHITE	WHITE	0
311				E	BATH	WOOD	BROWN	BROWN	0
312				N	BATH PAN	METAL	TAN	TAN	0
313		Rm 217		N	WALL	PAINTED	"	"	0
314				E	DISSECTOR	WOOD	"	3.3	
315				E	DOOR CASING	"	"	"	7.7

COMMENTS:

CONDITION OF PAINT:

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



XRF LEAD BASEL INT SURVEY

25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25.26.0001
 Project No.: 00001
 Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN A.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #:

Santa Monica, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm²)
316	2nd	MUSEUM - Rm 217	C		WINDING CASE	METAL	WHITE	0.1	
317	1	5th	C	"	WINDING CASE	WOOD	"	2.7	
318	-	Rm 217A (USO ROOM) Rm	N	WALL	PLASTER	TAN	G		
319			E	WINDING CASE	METAL	WHITE	G		
320			"	WINDING CASE	WOOD	WHITE	G		
321			S	SINK	CAST IRON	"	G		
322			"	WATER PIPE	METAL	TAN	G		
323			W	DOOR CASING	WOOD	"	0.6		
324	1st	C	S	HOT HOSE HANGER PLATEFORM	METAL	"	79.9		
325			"	SHELVING	WOOD	"	G		
326		Rm 219 G.R. R.R.	S	WALL	CERAMIC	WHITE	G		
327			N	SINK	PORCELAIN	"	G		
328			"	TOWEL	"	"	G		
329			"	BED	WOOD	BROWN	G		
330			"	DOOR FRAMING	METAL	TAN	G		

COMMENTS: _____

CONDITION OF PAINT:

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



XRF LEAD BASEL INT SURVEY

VAT
ASSOCIATES
25 Cuparia Circle
Monterey Park, CA 91755

Date: 52.25526.0001
 Project No.: 00001
 Task No.: —

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN A.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspection(s): —

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
316	2ND	MARBLE - RM 217	E	WINDING STAIR	METAL	WHITE	0.1		
317	1	52A	"	WINDING STAIR	WOOD	"	2.7		
318	-	Rm 217A (CUSTODIAN) Rm	N	WALL	PLASTER	TAUPE	0		
319			E	WINDING CASING	METAL	WHITE	0		
320			"	WINDING STAIR	WOOD	WHITE	0		
321			S	SINK	CERAMIC IRON	WHITE	0		
322			"	WOOD PIPE	METAL	TAUPE	0		
323			W	DOOR CASING	WOOD	"	0.6		
324	1st	5	S	HOT H2O HEATER PLATEFORM	METAL	"	79.9		
325		↓	"	SHELVING	WOOD	"	0		
326		Rm 219 G.R. R.R.	S	WALL	CERAMIC	WHITE	0		
327			N	SINK	PORCELAIN	WHITE	0		
328			"	TURET	"	WHITE	0		
329			"	DECOR	WOOD	BROWN	0		
330			"	DOOR FRAME	METAL	TAUPE	0		

COMMENTS: _____

CONDITION OF PAINT:

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



25 Cupanic Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 52.25526.0001
Project No.: 00001
Task No.:

Client: SANTA MONICA MUSEUM
Survey Location: LINCOLN H.S. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Spectrum Analyzer ID #:

SANTA MONICA MUSEUM

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
331	2 NO	RM 206 - RM 214 ELEC		S	W/W	PLASTER	TAN	0.2	
332			I		N	CONDUIT	MOTOR	"	0
333		RM 201			N	W/W	PLASTER	TAN	0.1
334				E	WINDING	CASTING	WHT	0	
335			F	S on	W	WINDON	W500	"	2.0
336			I	I on	W	DOOR	"	TAN	4.4
337				I	BASEBOARD	"	"	"	0.2
338		RM 223		W	W/W	PLASTER	TAN	0	
339				E	WINDON	CASTING	METAL	WHT	0
340			I	G on	E	WINDON	W500	"	3.8
341				W	DOOR	"	BURG	0	
342			I	I on	W	DOOR	CASTING	"	3.0
343		RM 225		N	W/W	PLASTER	"	0	
344				W	WINDON	CASTING	METAL	WHT	0
345				"	W	WINDON	WOOD	"	0

COMMENTS:

CONDITION OF PAINT:

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

23 70

PAGE ____ OF ____

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 000001
Task No.:

Client: SANTA MONICA MUSEUMSurvey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
331	2ND	MAIN HALL - RM 219A REC		S	W/N	PLASTER	TAN	0.2	
332				N	CONDUIT	METAL	"	0	
333		RM 221		N	W/N	PLASTER	TAN	"	
334				E	WINDOW CASING	METAL	WHIT	0.1	
335				W	WINDOW SILL	WOOD	"	0	
336			F	S	W	DOOR CASING	"	2.0	
337			I	L	W	BOARD	"	4.4	
338		RM 223		W	W/N	PLASTER	TAN	0.2	
339				E	WINDOW CASING	METAL	WHIT	0	
340			F	G	E	WINDOW SILL	WOOD	"	3.8
341				W	DOOR	"	BURG	0	
342			I	L	W	DOOR CASING	"	3.0	
343		RM 225		N	W/N	PLASTER	"	0	
344				W	WINDOW CASING	METAL	WHIT	0	
345				W	WINDOW SILL	WOOD	"	0	

COMMENTS:

CONDITION OF PAINT:

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

PAGE 23 OF 70



ASSOCIATED
25 Cupana Circle
Monterey Park, CA 91755

XRF LEAD BASEL - NT SURVEY

Date: 52.25526.0001
Project No.: 000001
Task No.:

Client: SANTA MONICA MALL

Survey Location: LINCOLN PL. S. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Inspector(s):

Comments:

Comments:

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm²)
346	2ND	MARBLING - 2ND FL		S	WALL	PLASTER	TAN	0.7	
347			E	WALL	METAL	LT. BLUE	Ø		
348		F	600 LF	S	BASERBOARD	WOOD	TAN;	>9.9	
349		A	600 LF	S	DOOR FRAME	WOOD	GRAY	Ø	
350			W	U	METAL	METAL	TAN	Ø	
351			U	ELLIPTICAL	U	U	Ø		
352			U	FLORAL ROSE	U	U	Ø		
353		CARPET	U	DISPPLY CASE	WOOD	WOOD	TAN	Ø	
354			E	DESKING FOUNTAIN	PORCELAIN	WHITE	Ø		
355			U	HAND TOWEL	METAL	GREEN	Ø		
356			U	ABE LINCOLN MURALS	PLASTER	WHITE	0.3		
357			U	DOOR CHIME	DOOR WOOD	GREEN	Ø		
358		✓ Combination						1.0	
359								1.0	
360								1.0	

Comments:

CONDITION OF PAINT:

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



XRF LEAD BASEL - NT SURVEY

VAT
ASSOCIATED
25 Cupania Circle
Monterey Park, CA 91755

Date: 52.25526.0001
Project No.: 00000
Task No.: -

Client: SANTA MONICA MALLSurvey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Spectrum Analyzer ID #:

Inspector(s): -
Inspector(s): -

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
346	2ND	MEN'S BLDG - 2ND FLR		S	W/N	PLASTER	TAN		0.1
347			E	LUCKIN	METAL	LT. BLUE	OR		
348		I	600 LF	S	BASEBOARD	WOOD	TAN;	> 9.9	
349	A	foot-TF	S	DOOR FRAME	WOOD	GRAY	OR		
350			W	"	METAL	TAN	OR		
351		EAST PINE	"	"	"	"	"		
352		PURE ROSE CANTER	"	"	"	"	"		
353		DISPAN CASTLE	"	WOOD	WOOD	TAN	OR		
354		DRINKING MOUNTAIN	E	PORECAIN	WHITE				
355		HAND RAIL	"	METAL	GREEN	OR			
356		ABE LINCOLN MURK WASH	"	PLASTER	PAINTED	0.3			
357		DOOR CHASING	"	DOOR WOOD	GREEN	OR			
358		COMBINATION							1.0
359									1.0
360									1.0

COMMENTS:

CONDITION OF PAINT:

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

XRF LEAD BASEL - INT SURVEY25 Cupania Circle
Monterey Park, CA 91755Date: 1-30-09Project No.: \$2.25526.0001Task No.: 00001Client: SANTA MONICA MUSEUM

Spectrum Analyzer ID #:

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm²)
361	/	Cat Bright M							1.0
362									1.2
363	2nd Fl	main Bldg	Rm 222		S	wall	Drywall	white	0
364					W	Window Casing	metal		0
365					W	Window frame	wood		0
366					E	Door	Door	blue	0
367					E	Door Frame	metal	white	0
368					N	wall	Drywall	white	0
369					W	window Casing	metal		0
370					W	window sill	wood		0.2
371					E	Door	wood	blue	0
372					E	Door	wood	white	0
373					E	wall	Drywall	white	0
374					W	window Casing	metal		0
375	\				W	window sill	wood		0

COMMENTS: Lead paint each @ 10% 222, 220, 218

CONDITION OF PAINT:

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

PAGE 25 OF 20



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL - INT SURVEY

Date: 1-30-09

Client: SANTA MONICA MUSEUM
Project No.: RM 25526.0001

Project No.: 000001
Task No.:

Spectrum Analyzer ID #: Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm²)
361	/	Calibration	/	/	/	/	/	/	1.0
362	/	/	/	/	/	/	/	/	1.0
363	2nd Fl	main B/DG	Rm 222	/	S	wall	Drywall	white	0
364	/	/	/	/	S	window	metal	/	0
365	/	/	/	/	S	glass	metal	/	0
366	/	/	/	/	S	wall	wood	/	0
367	/	/	/	/	E	Door	+	blue	0
368	/	/	/	/	E	Decor Frame	metal	white	0
369	/	Rm 220	/	/	N	wall	Drywall	white	0
370	/	/	/	/	S	window	metal	/	0
371	/	/	/	/	S	window	wood	/	0.2
372	/	/	/	/	E	Door	wood	blue	0
373	/	Rm 218	/	/	E	wall	Drywall	white	0
374	/	/	/	/	S	window	metal	/	0
375	/	/	/	/	S	window	wood	/	0

COMMENTS: luminous each floor 222, 220, 218

CONDITION OF PAINT:

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



VAT
ASSOCIATES
25 Cupona Circle
Monterey Park, CA 91755

XRF LEAD BASED INT SURVEY

1-30-09

Date: Client: SANTA MONICA MALL, BLDG 100
Project No.: 52.25526.0001

Task No.: 000001

Survey Location: LINCOLN AVE. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
376	2nd	MAIN BUILD Rm 218			E	Door	wood	Blue	0.1
377		LIBRARY Rm 212	LIBRARY		E	Door Frame	metal	white	0
378		Rm 212			E	wall	Plaster		0
379					S		Drywall		0
380					E	Door	metal	tan	0
381					E	Door Frame	metal	white	0
382		Rm 14			N	wall	Drywall	white	0
383		Rm 3			E		Drywall		0.1
384					N	Door	metal	Blue	0
385					N	Door Frame	metal	white	0
386		Rm C			E	wall	Drywall		0
387					N	Door	metal	Blue	0
388		Rm D			N	wall	Drywall	white	0
389					S	Door	wood	Blue	0
390					S	Door Frame	metal	white	0

COMMENTS: LIBRARY had significant aluminum residue

CONDITION OF PAINT:

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



25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL JNT SURVEY

1-30-09

Date: 52.25526.0001

Project No.: 000001

Task No.: -

Client: SANTA MONICA MUSEUM 110

Survey Location: LINCOLN PL. S. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Inspector(s): -

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm ²)
376	2nd	Main Bldg Km 218			E	Door	wood	Blue	0.1
377					E	Door frame	metal	white	0
378		LIBRARY Km 212			E	wall	plaster	white	0
379					S		Drywall	white	0
380					E	Door	metal	black	0
381					E	Door frame	metal	white	0
382		Rm 14 Km 212			N	wall	Drywall	white	0
383		2nd B			E		Drywall	white	0.1
384					N	Door	metal	blue	0.1
385					N	Door frame	metal	white	0
386		Rm C Km 212			E	wall	Drywall	white	0
387					N	Door	metal	blue	0
388					N	wall	Drywall	white	0
389					S	Door	wood	blue	0
390					S	Door frame	metal	white	0

COMMENTS: LIBRARY ~~had~~ repainted. Aluminized no indicate

CONDITION OF PAINT:

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



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL INT SURVEY

1-30-09

Date: 52.25526.0001

Project No.: 000001

Task No.: 000001

Client: SANTA MONICA MALL, INC.

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.

Spectrum Analyzer ID #: 90403

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg / cm ²)
391	2nd	main lobby	2m 2nd	T	E	Sink	Cast Iron	white	79.9
392		2nd	2nd	S	W	Drywall			0
393					W	window casing	plastic	white	0
394					W	window frame	wood	white	0
395					E	Door	wood	blue	0
396					E	Door frame	metal	white	0
397				2m 2nd	W	window casing	wood	white	0
398					W	window frame	wood	white	0
399					E	Door	wood	blue	0
400					E	wall	Drywall	white	0
401				2nd	N	wall	drywall		0
402					W	window casing	metal		0
403					W	window sill	wood		0
404					E	Door	wood	blue	0
405					↓	Door frame	metal	white	0

COMMENTS:

CONDITION OF PAINT:

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



VAT
ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL JNT SURVEY

1-30-09

Date: Client: SANTA MONICA MUSEUM

Project No.: Survey Location: LINCOLN M.S. - 1501 CALIFORNIA AVE.

Task No.: Inspector(s):

Spectrum Analyzer ID #: 100001

Location: SANTA MONICA, CA 90403

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg / cm ²)
391	2nd	main lobby	2mm	T	E	Sink	Cast Iron	white	79.9
392		2nd	2mm	S	W/N	Drywall			0
393			1	B	W	Window Casing	Painted	white	0
394			1	B	W	Window frame	Painted	white	0
395			1	E	Door	wood	wood	blue	0
396			1	E	Door Frame	metal	white	0	
397			1	E	Window Casing	metal	white	0	
398			1	W	Window Frame	wood	wood	0	
399			1	E	Door	wood	blue	blue	0
400			✓	E	wall	Drywall	white	0	
401			✓	N	wall			0	
402			✓	W	Window Casing	metal	white	0	
403			✓	W	Window Sill	wood	wood	0	
404			✓	E	Door	wood	blue	blue	0
405			✓	W	Door frame	metal	white	0	

COMMENTS:

CONDITION OF PAINT:

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

XRF LEAD BASEL INT SURVEY



Associates
25 Cupania Circle
Monterey Park, CA 91755

1 - 30 - 09

Date: 52.25526.0001Client: SANTA MONICA MUSEUM
Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE. SANTA MONICA, CA 90403Project No.: 00001Task No.: Inspector(s): Comments:

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm ²)
406	2nd #1	Main Bldg. 2nd fl	I	N	wall	Drywall	white	D	
407	1		I	S	riser	Concrete	white	3.05	
408	↑		↓	N	hand rail	metal	blue	0	
409	1st #1	main floor. - family lounge	↓	N	wall	plaster	white	0.3	
410				E				0	
411				w				0.1	
412				S	↓	↓		0.2	
413				S	window	metal	white	0	
414				E	Door	wood	blue	0	
415				E	Door frame	metal	white	D	
416			Reg B	N	wall	plaster	white	0	
417			308B 309C	E	wall	cementic	gray	0	
418				N	sink	porcelain	white	0	
419				N	Toilet	ceramic	white	0	
420				C	Door	ceramic	blue	0	

Comments:

CONDITION OF PAINT:

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



ASSOCIATES
25 Cupania Circle
Monterey Park, CA 91755

XRF LEAD BASEL INT SURVEY

1-30-09

Date:

\$2.25526.0001

Project No.:

00001

Task No.:

Client: SANTA MONICA MARCH 2000 USD

Spectrum Analyzer ID #:

LINECOLN M.S. - 1501 CALIFORNIA AVE.

Survey Location:

Inspector(s):

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N,E,S,W	Surface	Substrate	Color	Result (mg/cm²)
408	2nd #1	Main Bldg 2nd fl			N	wall	Drywall	white	0
407	1		I	12 in x 4	S	riser	Concrete		3.5
408	↓				N	hand rail	metal	blue	0
409	1st fl	Mains - Fireline escape			N	wall	plaster	white	0.3
410					E				0
411					W				0.1
412					S	→	→		0.2
413					S	win. frame	metal		0
414					E	Door	wood	blue	0
415					E	Door frame	metal	white	0
416		BBB			N	wall	plaster	white	0
417		BBB		30 in x 20 in	E	wall	ceramic	gray	0
418					N	sink	porcelain	white	0
419					N	toilet	ceramic		0
420					C	Door	ceramic	blue	0

COMMENTS:

CONDITION OF PAINT:

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

XRF LEAD BASEL - INT SURVEY



25 Cupania Circle
Monterey Park, CA 91755

1-30-09

Date: 52.25526.0001

Project No.: 00001

Task No.: _____

Client: SANTA MONICA MUSEUM

Survey Location: LINCOLN PL. - 1501 CALIFORNIA AVE.

Inspector(s): _____

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Comments: _____

Sample No.	Floor	Room / Area	Condition Of Paint	Quantity Of Lead	Location N.E.S.W	Surface	Substrate	Color	Result (mg/cm²)
421	1st F	Main Bldg. Basement	Bad & Peeling		E	Brick	Cementic	Gray	0.1
422					E	Sink	Porcelain	white	0
423					W	Urinal			0
424					W	Toile			0
425					S	Door	metal	gray	0
426		Bldg. G - Rm 310			S	Door frame	metal	gray	0
*	427				N	Wall	plaster	white	0.5
*	428				E				0
*	429				W				0.5
*	430				S				0
*	431				E	Window Casing	metal	white	0
*	432				E	window sill	wood		0
*	433				E	Door	metal	Blue	0
*	434				E	Door frame	metal	white	0
*	435				N	Cabinet	wood		0

Comments: _____

CONDITION OF PAINT:

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



XRF LEAD BASEL INT SURVEY

1-30-09

Date: 52.25526.0001

Client: SANTA MONICA MARIJUANO USD

Project No.: 00001

Survey Location: LINCOLN N.E. - 1501 CALIFORNIA AVE.

Task No.: 00001

Inspector(s):

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

Spectrum Analyzer ID #: SANTA MONICA, CA 90403

25 Cupania Circle
Monterey Park, CA 91755

Sample No.

Floor

Room/Area

Condition or Paint

Quantity Of Lead

Location N,E,S,W

Surface

Substrate

Color

Result (mg/cm²)

421	1st fl	main Bldg. Boys Reservoir		E	wall	Ceramic	Gray	0.1
422				E	Sink	Brass	white	0
423				N	urinal			0
424				N	Tile			0
425				S	Door	metal	gray	0
426				S	Door frame	↓	↓	0
427		Bldg - G - Rm 310		N	wall	Plaster	white	0.5
428				E	1			0
*	429			N				0.5
*	430			S	↓			0
431				E	window casing	metal	white	0
432				E	window sill	wood		0
433				E	Door	metal	blue	0
434				E	Door frame	metal	white	0
435				N	Cabinet	wood	↓	0

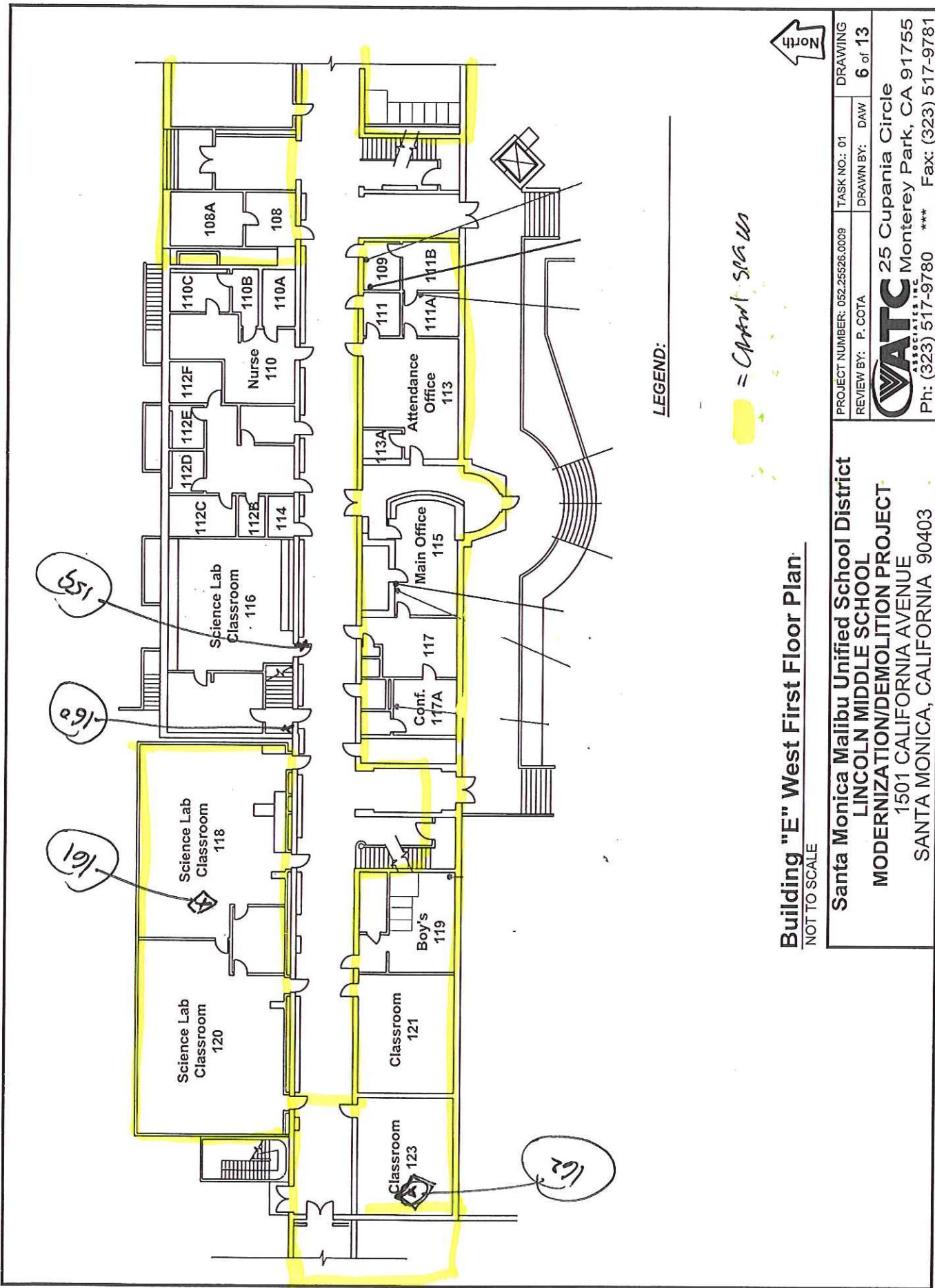
COMMENTS:

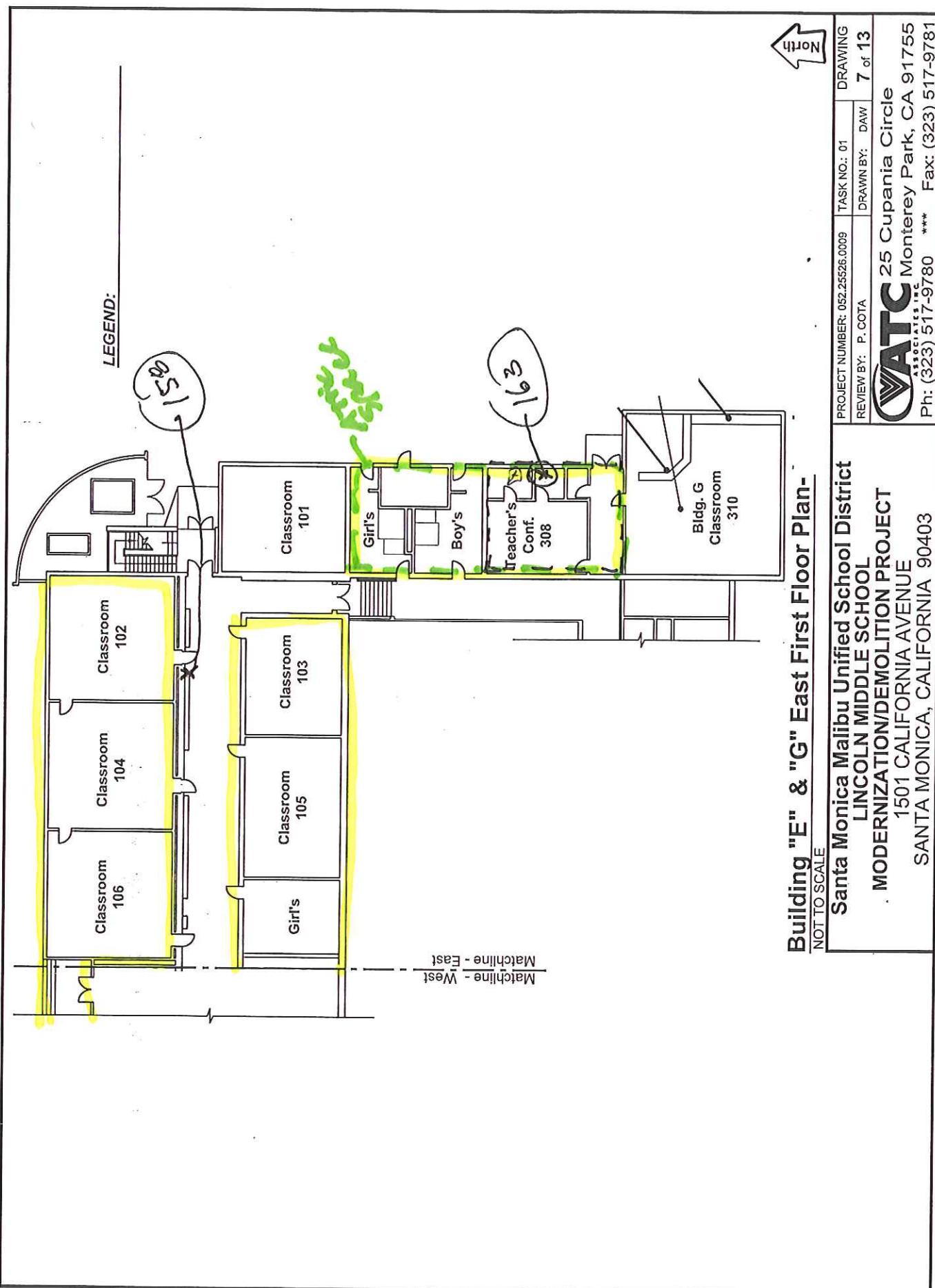
CONDITION OF PAINT:

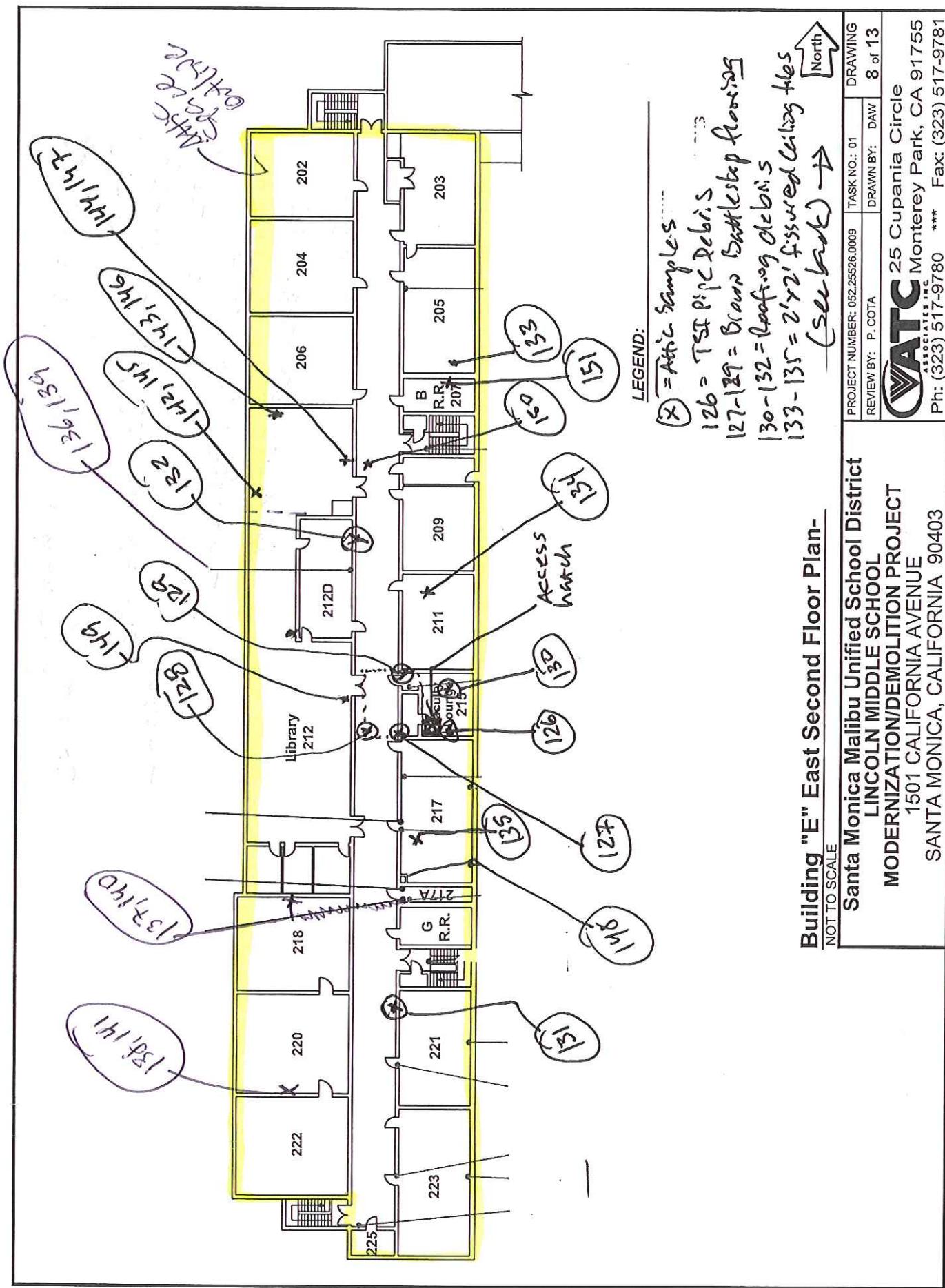
- I INTACT
- F FAIR - Small Amount Flaking
- P POOR - Large Amounts Flaking

APPENDIX C

Site Diagrams







APPENDIX D

State of California Asbestos and Lead Inspector Certifications



Engineering Individual Solutions

25 Cupania Circle
Monterey Park, CA 91755
323-517-9780
Fax 323-517-9781
www.atcassociates.com

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

Carlos A Galdamez



Name

Certification No. **98-2379**

Expires on **05/29/11**

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

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor	10/01/2011
Project Monitor	10/01/2011



Carlos A. Galdamez

ID # **7843**



25 Cupania Circle
Monterey Park, CA 91755
323-517-9780
Fax 323-517-9781
www.atcassociates.com

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

Robert Medina



Name 99-2673
Certification No. 99-2673
Expires on 10/15/11

This certification was issued by the Division of
Occupational Safety and Health as authorized by
Sections 7160 et seq. of the Business and
Professions Code.

State of California Department of Public Health

Lead-Related Construction Certificate	Certificate Type	Expiration Date
	Sampling Technician	05/19/2012



Robert B. Medina



ID #: 1087