

APPENDIX E:

HAZARDOUS MATERIALS ASSESSMENT

Ellis Environmental Management, Inc.,
Hazardous Materials Assessment,
2019 14th Street,
City of Santa Monica, CA 90405
March 2017.

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Hazardous Materials Assessment

- Asbestos
- Lead

**2019 14th Street
Santa Monica CA 90405**

**Sampling Date: March 2017
Project No: 17-044**



Prepared for:

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Santa Monica, CA 90405*

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Santa Monica College

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Table of Contents

Executive Summary

Introduction

Site Description

Background

Methodology

Inaccessible Areas

Results

Summary and Recommendations

Statement of Independence

Signatory

Table 1 Asbestos Materials Summary

Table 2 Lead-Containing Materials Summary

Appendix A Photographs

Appendix B Material Locations

Appendix C Bulk Sample Locations

Appendix D Laboratory Results

Appendix E XRF Summary

Appendix F CDPH Form 8552

Appendix G Ellis / Lab Certifications

Appendix H Applicable Regulations – Asbestos

Appendix I Applicable Regulations – Lead

Executive Summary - Bulk Sampling for Asbestos and Lead

***Vacant YWCA Complex
2019 14th Street, Santa Monica***

From February 28 to March 2, 2017, Ellis conducted an inspection for possible asbestos-containing building materials (ACBMs) and lead-based materials at the subject site. The sampling was performed in the following distinct areas or buildings:

- Cottage (West) House – circa 1928
- YWCA (Center) Recreation Building – circa 1971
- Auditorium – circa 1940
- Shelter (East) Home – circa 1940

Results - Asbestos

Asbestos was detected (or is assumed present) in:

Cottage (West House):

- AC (“Transite”) vent pipe (assumed), attic
- Abandoned, insulated furnace duct, sub-floor crawlspace (assumed)

YWCA (Center) Recreation Building:

- Roof penetration mastic
- Heater room pipe insulation

Prior to demolition or renovation, perform destructive sampling of gym floor to assess whether an underlying asbestos felt layer is present. Also penetrate the corridor ceiling between the attic access hatch (where asbestos pipe insulation was identified) and the women’s locker room.

Auditorium:

- Mastic under carpet
- Attic duct insulation
- AC (“Transite”) vent pipe (assumed)

Prior to demolition or renovation, perform destructive sampling of the ceiling above the stage, rear office and kitchen, where duct insulation and AC pipe were identified.

Shelter Home (East House):

- Duct insulation (Fl. 2 crawlspace).
- AC (“Transite”) vent pipe (assumed)

Prior to demolition or renovation, perform destructive sampling of ceilings and walls near sinks where original pipe insulation may be present. Core hardwood floors to see if older asbestos layers exist underneath. Possible subsurface and/or concealed asbestos-containing materials at this site may

include:

- Buried asbestos-cement drain pipe, water pipe and electrical conduit;
- Black felt paper under flooring or behind walls;
- Thermal system pipe insulation and elbows in hidden attic and wall spaces;
- Vent and/or duct insulation in hidden attic and wall spaces;
- Sporadic locations of asbestos flooring may be covered by newer, non-asbestos flooring.

Results – Lead

Sampling for lead was performed using a combination of Flame AAS, TTLC and XRF analysis.

Lead was identified in:

Cottage (West House):

- Original, interior and exterior window and door frames
- Paint on interior, original plaster walls

YWCA (Center) Recreation Building:

- Exterior beige paint – roof enclosure only.
- Exterior decorative brick, south and east sides of building.
- Interior, beige ceramic wall tile in showers and restrooms

Auditorium:

- Exterior window paint
- Exterior support posts
- Yellow walls, restroom entryway

Shelter Home (East House):

- Exterior white paint, original windows and frames
- Brown paint on metal awnings above exterior entries
- Interior beige paint, rear entry and rear restroom walls

Refer to our main report for a description of estimated material quantities and condition. Prior to demolition or renovation efforts, submit representative samples of interior and exterior walls for waste profile (TTLC) analysis.

Project No. 17-044
March 10, 2017

Mr. Charlie Yen
Director of Contract Services
Santa Monica College
1900 Pico Blvd.
Santa Monica, CA 90405

Subject: ASBESTOS AND LEAD SURVEY REPORT
2019 14TH STREET, SANTA MONICA

INTRODUCTION

Ellis has conducted an inspection for possible asbestos-containing building materials (ACBMs) and lead-based materials at the subject site. Four buildings currently exist on the property, identified as follows:

- Cottage House
- Main YWCA Recreation Building
- Auditorium Building
- Shelter Home

The sampling was conducted as part of a due-diligence property investigation. The buildings, all once part of an operating YWCA facility, were largely vacant on the dates of inspection.

To the best of our knowledge, this survey and report have been prepared to include the following asbestos- and lead-specific components:

- a. survey sampling protocol to include collection, sampling and analysis methods
- b. initial characterization of asbestos and lead waste stream(s)
- c. certification of the inspector as a CSST
- d. certification of the inspector as a CDPH lead inspector/assessor
- e. certification of the report preparer as a CAC
- f. certification of the report preparer as a CDPH lead inspector/assessor
- g. state laboratory certification

SITE DESCRIPTION

[The following information is sourced in part from the Phase I Environmental Site Assessment (ASTM E 1527-13) report by Bock & Clark performed in November 2016.]

“The subject property consists of an irregularly shaped parcel of land and a quadrilateral shaped parcel of land totaling approximately 0.98-acres. It is improved with one, single-story cottage building totaling 1,264 net rentable square feet (NRSF), one, two-story YWCA Shelter Home [and Auditorium Building] totaling 6,762 NRSF and one, two-story YWCA Recreation building totaling 9,364 NRSF.”

1. The Cottage House was constructed in 1928 and is of wood frame and concrete construction with painted concrete stucco exterior walls and a foundation consisting of raised wood.



Cottage Building

2. The YWCA Recreation building was built in 1971 and consists of a wood frame and concrete construction, painted concrete stucco exterior walls, and a foundation consisting of a concrete slab on grade:



YWCA Recreation Building

3. The Auditorium building (entrance shown below) abuts to and may have been constructed at the same time as the Shelter Home. Both buildings appear to have been constructed circa 1940. However, unlike the Shelter Home, the exterior walls of the Auditorium building are concrete, and the floor here is slab on grade:



Auditorium Building

4. The 2-story YWCA Shelter Home was built in 1940 and consists of wood frame construction with painted stucco exterior walls and a foundation consisting of a partial basement (north) and raised floor (south). In the photo below, the Auditorium can be seen to the left side of the picture, and a partial view of the Recreation Building's exterior steps is also visible:



Shelter Home

BACKGROUND

Asbestos-containing materials and lead-based paints have been widely used in the construction of public and commercial buildings since the 1930's. Insulation and fireproofing in more than 750,000 buildings in this country contain some quantity of asbestos. Lead paint was widely applied up until circa 1978, when concentrations of lead in paint began to be reduced.

In their normal state, most types of asbestos-containing building materials are unlikely to release airborne fibers. When broken up or disturbed improperly, however, asbestos fibers may become airborne. "Friable" materials – that is, materials that can be crushed using normal hand pressure – are more likely to release airborne fibers when disturbed improperly. Inhalation exposure to high levels of asbestos over long periods and/or ingestion of lead-based paint are associated with an increased incidence of cancer, respiratory, liver and other diseases.

Asbestos is primarily an inhalation hazard. Lead-based paint, when damaged (peeling or flaking), is primarily an ingestion hazard. Any activity that could disturb asbestos materials or lead-based paint should be undertaken with care and in accordance with applicable law.

METHODOLOGY

Bulk Sampling of Suspect Asbestos-Containing Materials

For each building surveyed, a sampling plan was first prepared, listing each material to be sampled, sample location, and material condition. Accessible building materials were visually inspected using the methods presented in the Federal Asbestos Hazard Emergency Response Act (AHERA) regulations (40 CFR, Part 763) as a guideline. AHERA was originally only applicable to schools, however state and federal Occupational Safety and Health Administration (OSHA) and Asbestos School Hazard Abatement and Reauthorization Act (ASHARA) have adopted the AHERA sampling methodology for all buildings subject to demolition or renovation.

Bulk samples of suspect ACM homogeneous materials were collected. A homogeneous material is defined as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in color, texture and age of construction. Examples of homogeneous materials include:

- Pipe-insulation produced by the same manufacturer and installed during the same time period;
- Resilient flooring of identical color and pattern;
- Troweled on surfacing materials located in contiguous areas.

Each structure was visually inspected for the presence of suspect materials. As materials were identified, bulk samples were obtained with the aid of a coring device or other hand tool and placed into individual sampling bags. Each sample was given a discrete identification number and recorded on field notes as well as chain-of-custody forms. Bulk samples were transported to and analyzed at AmeriSci Laboratories in Carson, California. Analysis method used: 40 CFR Part 763, Subpart F, Appendix A. (AHERA Final Rule). Results expressed in percent of measured area.

Cal-OSHA defines asbestos containing construction materials (ACCM) as those materials having asbestos content of greater than one tenth of one percent (>0.1%). When None Detected (ND) appears in this report, it should be interpreted as meaning no asbestos was observed in the sample material above the reliable limit of detection for the PLM method employed. Note: under EPA assessment criteria, if a single sample of a homogeneous material tests positive for asbestos, all homogeneous materials within that building are considered to be asbestos containing.

Bulk Sampling of Suspect Lead Containing Materials

Preliminary sampling of paint, ceramic tile and other suspect lead-containing materials was conducted with X-Ray Fluorescence (XRF) using a Heuresis Pb200i lead paint analyzer (Serial Number 1024). This machine has the capability to measure lead content in dry paint films in the range of 0 to 50 milligrams per square centimeter (cm²). The on-site assessment capability of the XRF equipment typically reduces and may even eliminate the number of paint chip samples that need to be collected and sent for laboratory analysis.

The instrument's calibration was verified according to the manufacturer's specifications in compliance with the Performance Characteristic Sheet (PCS) developed for this instrument.

Damaged (peeling and flaking) paint surfaces were sampled with a hand scraper or other small tool.

Each sample was placed into an individual plastic sample container with a unique identification number. Paint samples were hand delivered to AmeriSci Laboratories in Carson, California for initial analysis using EPA Method SW846-3050B-7000B, then later by EPA Method 6010 in combination with WET (TTLC) and TCLP methods to assist in initial waste profiling efforts. (When “<” appears in the lead analysis report, it should be interpreted as meaning below the analytical detection limit.) All samples were collected by Lina Sok and Duane Behrens, EPA-accredited building inspectors and a lead inspector/assessor employed by Ellis.

INACCESSIBLE AREAS

Attic hatches, crawl space entrances, pipe chases and other concealed spaces were opened and viewed wherever possible. However, not all walls, ceilings or floors were demolished to gain complete visual access. There is a chance that suspect materials (pipe insulation in walls, asbestos-cement vent pipes, underground drains, etc.) will be exposed during demolition activities. Suspect materials exposed but not identified in this report should be sampled prior to disturbance. See additional recommendations elsewhere in this report.

RESULTS

See Table 1. Also refer to the attached laboratory results, summarized below. Listed quantities are not for bidding purposes. Field verify any quantities listed here.

Positive Results - Asbestos

Asbestos greater than 1 percent was identified (or was assumed present) in:

Cottage (West House)

- AC (“Transite”) vent pipe (assumed, not shown), attic above kitchen stove. Viewed but inaccessible for sampling. App. 8 l.f. Undamaged, non-friable.
- Abandoned, insulated furnace duct, sub-floor crawlspace. Viewed but inaccessible for sampling. Est. 40 l.f. Damaged, friable.



Abandoned duct in sub-floor crawl space

YWCA (Center) Recreation Building

- Roof penetration mastic and sealants. Good condition, non-friable. Est. 130 s.f. including edge sealants.



Roof penetration mastics and sealants. No asbestos in main roofing field or in decorative roof shingles.

- Heater room pipe insulation. 4 l.f. exposed in heater room, assume an additional 60 l.f. in sub ceiling below, leading to women's locker room. Condition = friable, damaged.



Heater room pipe insulation

Auditorium

- Mastic under carpet. App. 625 s.f. Non-friable, good condition. See below.



Asbestos mastic under carpet

- Attic duct insulation. Friable. No apparent damage, but largely inaccessible. 150 l.f. estimated.



Duct insulation and paper

- AC (“Transite”) vent pipe (assumed, inaccessible) above kitchen. Good condition, non-friable. Est. 12 l.f.

[not shown]

Shelter Home (East House):

- Duct insulation (Fl. 2 crawlspace). No apparent damage, but largely inaccessible. 40 l.f. estimated.



Duct insulation, Shelter Home attic space

- AC (“Transite”) vent pipe (assumed, inaccessible) above kitchen. Good condition, non-friable. Est. 12 l.f.

[not shown]

See Table 1 for a listing of suspect materials sampled but found to contain no (<0.1%) asbestos.

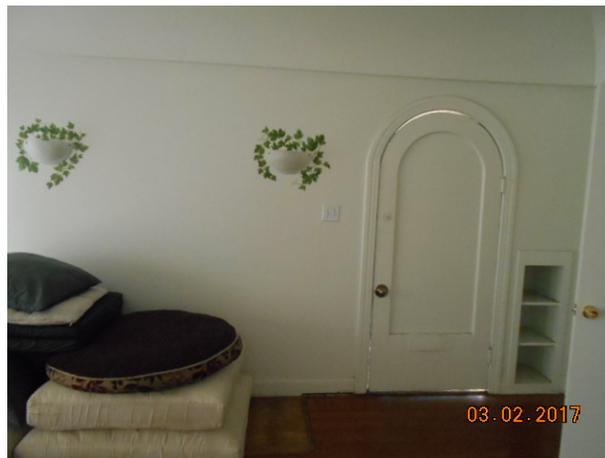
Removal of any material containing asbestos in an amount greater than one percent is regulated under EPA-SCAQMD Rule 1403, 29 CFR 1926.1101 (federal OSHA) and other state and local guidelines. Removal of any material containing asbestos in an amount greater than 0.1 percent is regulated under Cal-OSHA Title 8 Section 1529.

Lead-Containing Materials

See Table 2. Also refer to the attached laboratory results, summarized below. Listed quantities are not for bidding purposes. Field verify any quantities listed here.

Cottage (West House)

- Underlying paint on original interior plaster walls, door and window frames. Good condition. App. 1400 s.f.



Interior perimeter walls

- [not shown] Underlying paint on original exterior door and window frames. Good condition. Quantity unknown.

YWCA (Center) Recreation Building

- Exterior decorative brick, all colors. Undamaged. Estimate 1,500 s.f.



Exterior decorative brick – lead-containing

- Interior beige ceramic tile, restroom areas, good condition, app. 700 s.f.



Interior ceramic lead tile

- Exterior beige paint, roof enclosure only



Paint on exterior stucco, roof enclosure only

Auditorium Building

- Yellow paint, men's restroom and entry. Undamaged. 700 s.f.



Yellow paint, men's restroom entry

- Dark green exterior paint, posts and entry door. Good condition. Quantity unknown.



Auditorium exterior painted posts

Shelter Home (East House)

- Beige paint on rear entry walls, baseboards and ceilings, app. 400 s.f., undamaged.



Beige paint on rear entry walls

- White paint on original exterior windows. Significant damage. 3 each.



Exterior windows – original.

- Brown paint on metal awnings above exterior entries. 2 each. Significant damage.



Dark paint on metal awnings above doorways

SUMMARY AND RECOMMENDATIONS

Asbestos

Prior to demolition or renovation activities, a licensed abatement contractor must be retained to first remove the asbestos materials identified in Table 1. Perform destructive sampling prior to the start of any demolition. This may help to identify:

- asbestos felt paper under gym floors
- upper original, sprayed-on ceilings
- pipe or duct insulation behind walls and above ceilings, and/or

- asbestos-cement vent pipes
- asbestos flooring under newer non-asbestos materials
- original asbestos-wrapped wire insulation
- original roofing materials

Subsurface materials, such as asbestos-cement (AC, or “Transite”) may also be present. A review of existing utility plans may help reveal their presence, location and quantity. AC pipe, when exposed during grading activities, must be removed under an SCAQMD-approved work plan (“Procedure 5”).

Lead

- Lead Paint, all areas. Any damaged (peeling and flaking) paint should be stabilized by a licensed abatement contractor prior to demolition / renovation. Separate damaged lead paint and place in labeled drums for profiling. Remove remaining stabilized components in whole sections. Profile representative generated waste prior to transport or disposal.
- Exterior decorative brick – YWCA Recreation Building. Remove decorative exterior brick from within a lead-regulated area using trained workers. Store and profile this waste separately from other generated construction waste.
- Interior ceramic tile – YWCA Recreation Building. Remove interior beige ceramic tile under containment, using trained workers. Store and profile waste separately from other generated construction waste.

Where found, lead may also be present on red primer on structural steel. During demolition, do not grind or torch cut without first performing spot abatement at cut points.

Health and Safety Plan (HaSP)

A health and safety plan, or HaSP, is a plan for a workplace that is designed in accordance with the legislative requirements covering the roles and responsibilities of the staff, an emergency action plan etc. A health and safety plan is designed to serve and protect the individuals affected by the organization in all matters of health, wellbeing and safety.

The HaSP is required for this project site. It must be specific to the job site and will include the unique, potential hazards associated with this site. A “site specific” health and safety plan mainly describes what kind of hazards are involved in the project, how they can be overcome and what sort of equipment will be used to overcome the problem. Health and safety plans will differ from job to job, but the underlying theme of every plan is that it should not only take care of the health and safety of the employees, but also ensure safety for visitors of the premises and the passersby¹.

STATEMENT OF INDEPENDENCE

Ellis is a privately-held company and is not affiliated with any financial institution or other corporate entity. Ellis is retained as an independent contractor to provide objective, impartial investigation or analytical services regarding environmentally regulated hazardous or toxic materials. This report is

¹ SOURCE: www.safeopedia.com

not an endorsement or rejection of any specific methods used in handling or transport of potentially hazardous chemicals. Nor is intended as a complete hazardous materials survey of the entire building or facility. Ellis provides independent testing for asbestos, lead, indoor air contaminants and other potentially hazardous materials. The company and its employees are certified and licensed to practice in the State of California. Retained laboratories are accredited by the EPA, AREAL, NIOSH, AIHA, and CARB.

SIGNATORY

Respectfully,
ELLIS ENVIRONMENTAL MANAGEMENT, INC.

A handwritten signature in black ink, appearing to read "D. E. Behrens", with a long, sweeping horizontal flourish extending to the right.

Duane E. Behrens, President
CAL/OSHA CAC Cert. #92-0226
CDPH Lead Inspector/Assessor #7914

proj # 17-044

<u>REF.</u>	<u>BUILDING</u>	<u>MATERIAL</u>	<u>MATERIAL LOCATION</u>	<u>FRIABLE</u>	<u>DAMAGE</u>	<u>% ASB</u>	<u>QTY*</u>	<u>UNIT</u>
<u>IDENTIFIED ASBESTOS MATERIALS</u>								
-	Cottage House	transite vent pipe	attic above kitchen	no	none	Assumed	8	l.f.
-	Cottage House	insulated furnace duct	sub-floor crawl space	yes	damaged	Assumed	40	l.f.
CA9, CA30	YWCA Building	penetration mastic	roof	no	none	3-4%	130	s.f.
CA10	YWCA Building	pipe insulation	heater room	yes	damaged	2%	65	l.f.
AA18	Auditorium	carpet mastic	auditorium	no	none	4%	625	s.f.
AA19	Auditorium	8" duct insulation	ceiling space	yes	none	15%	150	l.f.
-	Auditorium	transite vent pipe	above kitchen	no	none	Assumed	12	l.f.
EA29	Shelter Home	duct insulation	floor 2 ceiling space	yes	none	15%	40	l.f.
-	Shelter Home	transite vent pipe	above kitchen	no	none	Assumed	12	l.f.
* Quantities shown are not for bidding purposes. Field verify all quantities.								
<u>NON-ASBESTOS MATERIALS</u>								
WA1, WA2, WA3	Cottage House	joint compound	throughout	no		ND		s.f.
WA4, WA5, WA6	Cottage House	wall plaster	throughout	no		ND		s.f.
WA7	Cottage House	12" floor tile - gray	kitchen	no		ND		s.f.
WA8, WA9, WA10	Cottage House	ceiling plaster	throughout	no		ND		s.f.
WA11, WA12	Cottage House	roofing shingles	roof	no		ND		s.f.
WA12, WA13, WA14	Cottage House	stucco	exterior	no		<0.1%		s.f.
CA1, CA2, CA3, CA4, CA5, CA6, CA7	YWCA Building	stucco	exterior	no		ND		s.f.
CA8	YWCA Building	shingle	roof	no		ND		s.f.
CA11	YWCA Building	floor tile - green	throughout	no		ND		s.f.
CA12	YWCA Building	cove base - green	throughout	no		ND		s.f.
CA13	YWCA Building	cove base - brown	throughout	no		ND		s.f.
CA14	YWCA Building	12" ceiling tile	throughout 1st floor	no		ND		s.f.
CA15	YWCA Building	12" ceiling tile mastic	throughout	no		ND		s.f.
CA16	YWCA Building	cove base - black & mastic	throughout	no		ND		s.f.
CA17	YWCA Building	6" cove base - brown & mastic	throughout	no		ND		s.f.

Table 1

**Results Summary - Asbestos
2019 14th St, Santa Monica 90405**

SHEET 1 OF 3
proj #17-044
Feb and March 2017



<u>REF.</u>	<u>BUILDING</u>	<u>MATERIAL</u>	<u>MATERIAL LOCATION</u>	<u>FRIABLE</u>	<u>DAMAGE</u>	<u>% ASB</u>	<u>QTY*</u>	<u>UNIT</u>
CA18	YWCA Building	cove base - light brown & mastic	throughout	no		ND		s.f.
CA19	YWCA Building	cove base - white & mastic	throughout	no		ND		s.f.
CA20	YWCA Building	12" floor tile - white	gym	no		ND		s.f.
CA21	YWCA Building	12" ceiling tile	throughout 2nd floor	no		ND		s.f.
CA22	YWCA Building	12" ceiling tile mastic	throughout 2nd floor	no		ND		s.f.
CA23	YWCA Building	cove base - brown, thick & mastic	throughout	no		ND		s.f.
CA24, CA25, CA26, CA27, CA28	YWCA Building	wall board/joint compound	throughout	no		ND		s.f.
CA29	YWCA Building	roof core	flat roof	no		ND		s.f.
CA31	YWCA Building	window putty	roof	no		<0.1%		s.f.
CA32	YWCA Building	stucco	exterior - roof	no		<0.1%		s.f.
CA33	YWCA Building	tank insulation	roof	no		ND		s.f.
CA34	YWCA Building	plaster	roof	no		ND		s.f.
CA35	YWCA Building	parapet felts	roof	no		ND		s.f.
AA1, AA2, AA3	Auditorium	wallboard/joint compound	throughout	no		ND		s.f.
AA4, AA5, AA6, AA7, AA8,	Auditorium	wall plaster	throughout	no		ND		s.f.
AA9	Auditorium	12" floor tile - turquoise	file storage room	no		ND		s.f.
AA10	Auditorium	flooring under AA9	file storage room	no		ND		s.f.
AA11	Auditorium	resilient sheet flooring - brown & mastic	near restrooms	no		ND		s.f.
AA12, AA16	Auditorium	12" floor tile - white & mastic	restrooms, auditorium	no		ND		s.f.
AA13, AA14	Auditorium	12" floor tile - blue & mastic	near restrooms	no		ND		s.f.
AA15	Auditorium	resilient sheet flooring - blue	kitchen, office	no		ND		s.f.
AA17	Auditorium	floor tile - blue & mastic	auditorium - under 12" white floor tile	no		ND		s.f.
AA20	Auditorium	shingle	upper roof	no		ND		s.f.
AA21	Auditorium	roofing	lower roof	no		ND		s.f.
AA22	Auditorium	sealant	roof	no		ND		s.f.
AA23, AA25, AA26	Auditorium	stucco	exterior	no		ND		s.f.
AA24	Auditorium	window putty	throughout	no		ND		s.f.

Table 1

**Results Summary - Asbestos
2019 14th St, Santa Monica 90405**

**SHEET 2 OF 3
proj #17-044
Feb and March 2017**



<u>REF.</u>	<u>BUILDING</u>	<u>MATERIAL</u>	<u>MATERIAL LOCATION</u>	<u>FRIABLE</u>	<u>DAMAGE</u>	<u>% ASB</u>	<u>QTY*</u>	<u>UNIT</u>
EA1, EA2, EA3, EA4, EA5	Shelter Home	wall plaster	throughout	no		ND		s.f.
EA6, EA7, EA8, EA9, EA10	Shelter Home	wallboard/joint compound	throughout	no		ND		s.f.
EA11	Shelter Home	12" floor tile - beige & adhesive	lounge, restrooms	no		ND		s.f.
EA12	Shelter Home	flooring - red & mastic	under EA11 (12" beige FT in lounge, restrooms)	no		ND		s.f.
EA13, EA14, EA15, EA16, EA17	Shelter Home	stucco - beige	exterior	no		ND		s.f.
EA18, EA19, EA20	Shelter Home	window putty	throughout	no		ND		s.f.
EA21	Shelter Home	12" floor tile - white & adhesive	kitchen	no		ND		s.f.
EA23	Shelter Home	ceiling plaster	floor 1	no		ND		s.f.
EA24	Shelter Home	button board, wall plaster	floor 2	no		ND		s.f.
EA25, EA26, EA27, EA28	Shelter Home	wallboard/joint compound	floor 2	no		ND		s.f.
EA30	Shelter Home	roof patching	roof	no		ND		s.f.
EA31	Shelter Home	shingle	roof	no		ND		s.f.
EA32	Shelter Home	ceiling plaster	floor 2	no		ND		s.f.
EA33	Shelter Home	12" floor tile - white/green & mastic	basement	no		ND		s.f.
EA34	Shelter Home	wallboard/joint compound	basement	no		ND		s.f.
EA35	Shelter Home	ceiling plaster	basement	no		ND		s.f.

Table 1

**Results Summary - Asbestos
2019 14th St, Santa Monica 90405**

**SHEET 3 OF 3
proj #17-044
Feb and March 2017**



NOTES: <i>Substrate:</i> C=concrete, CB=concrete block, CE=ceramic tile, CT=ceiling tile, D=drywall, M=metal, P=plaster, S=stucco, W=wood; V=vinyl <i>Condition:</i> I=Intact, D=Damaged; <i>Color:</i> Bge=beige, Bla=black, Blu=blue, R=red, Y=yellow, T=tan, G=gray, W=white, O=orange <i>Results:</i> N=negative, P=positive, I=inconclusive										
<u>BUILDING</u>	<u>ANALYSIS</u>	<u>AREA</u>	<u>COMPONENT</u>	<u>LOCATION (A,B,C,D)</u>	<u>SUBSTRATE</u>	<u>CONDITION (I or D)</u>	<u>COLOR</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>QTY</u>
Cottage House	XRF	NW Bedroom	Wall	B, C	W	I	Blu	0.5-0.7	mg/cm ²	200 s.f.
Cottage House	XRF	Closet	Window Sill, Frame	C	W	I	W	0.6-0.8	mg/cm ²	3 s.f.
Cottage House	XRF	Restroom	Window Frames	C	W	I	W	0.5-0.7	mg/cm ²	8 s.f.
Cottage House	XRF	Corridor	Cabinets	C	P	I	Blu	0.7	mg/cm ²	8 s.f.
Cottage House	XRF	NE Bedroom	Walls	C, D	P	I	G	0.6-0.8	mg/cm ²	200 s.f.
Cottage House	XRF	Kitchen	Walls	D	P	I	G	1.0	mg/cm ²	130 s.f.
Cottage House	XRF	South Sunroom	Wall	A	W	I	W	0.7	mg/cm ²	130 s.f.
Cottage House	XRF	Front Porch	Door Frame	A	W	I	W	0.7	mg/cm ²	6 s.f.
Cottage House	XRF	Exterior	Window Frames	All	W	I	W	1.0	mg/cm ²	unknown
YWCA Building	XRF	Exterior, South	Decorative Brick	A	CB	I	W	11.0	mg/cm ²	500 s.f.
YWCA Building	XRF	Exterior, South	Upper Decorative Brick	A	CB	I	Bge	8.6	mg/cm ²	500 s.f.
YWCA Building	XRF	Exterior East	Decorative Brick	D	CB	I	W	13.1	mg/cm ²	500 s.f.
YWCA Building	XRF	Fl 1 Women's Locker rm	Ceramic Wall Tile	A-D	CE	I	Beige	7.3	mg/cm ²	80 s.f.
YWCA Building	XRF	Fl 1 Women's Shower	Ceramic Wall Tile	A-D	CE	I	Beige	6.6	mg/cm ²	650 s.f.
YWCA Building	XRF	Fl 1 Lobby RR, Men	Ceramic Wall Tile	A-D	CE	I	Beige	8.4	mg/cm ²	80 s.f.
YWCA Building	Flame AAS	Roof	Exterior Wall	All	S	D	Beige	1,200	mg/kg	1000 s.f.
Auditorium	XRF	Men's Restroom & Entry	Walls	A-D	W	I	Y	0.5-1.7	mg/cm ²	800 s.f.
Auditorium	XRF	Ext dark green paint	Support Post, doors	-	W	I	Green	0.8	mg/cm ²	unknown

Table 2
Lead
Positive Results Only

NOTES: <i>Substrate:</i> C=concrete, CB=concrete block, CE=ceramic tile, CT=ceiling tile, D=drywall, M=metal, P=plaster, S=stucco, W=wood; V=vinyl <i>Condition:</i> I=Intact, D=Damaged; <i>Color:</i> Bge=beige, Bla=black, Blu=blue, R=red, Y=yellow, T=tan, G=gray, W=white, O=orange <i>Results:</i> N=negative, P=positive, I=inconclusive										
<u>BUILDING</u>	<u>ANALYSIS</u>	<u>AREA</u>	<u>COMPONENT</u>	<u>LOCATION (A,B,C,D)</u>	<u>SUBSTRATE</u>	<u>CONDITION (I or D)</u>	<u>COLOR</u>	<u>RESULTS</u>	<u>UNITS</u>	<u>QTY</u>
Auditorium	Flame AAS	Exterior	Window Paint	A-D	W	D	W	520	mg/kg	9 s.f.
Shelter Home	XRF	Floor 1, Rear Entry	Walls	A-D	P	I	Bge	1.0	mg/cm ²	400 s.f.
Shelter Home	XRF	Fl 1, Rear Entry RR	Walls	A-D	P	I	Bge	2.1	mg/cm ²	600 s.f.
Shelter Home	Flame AAS	Exterior	Window Frames	A-D	W	D	W	880	mg/kg	9 s.f.
Shelter Home	Flame AAS	Exterior - Floor 2	Door awning	-	M	D	Dark	1,400	mg/kg	40 s.f.

Table 2
 Lead
 Positive Results Only

Appendix A

Photographs

Photographs

Cottage (West) House



1. West Cottage Home. Front View Looking North. Asbestos in exterior stucco.



2. Typical bedroom. Interior perimeter walls, window frames and baseboard are covered with intact, undamaged, lead-containing paint.



3. Attic space Not shown – kitchen transite vent pipe.



4. Sub-floor air duct pipe. Assumed asbestos wrapping.

Photographs

Main (Center) YWCA Recreation Building



YWCA Main Entrance looking northeast



Gymnasium.



Floor 2 exercise room



Roof penetration mastics and sealants – asbestos. Lead is present in paint on roof structure stucco.



Lead Ceramic Tile

Photographs

Auditorium Building



South Exterior Wall. Lead in green paint on posts and double door (only).



Auditorium, looking east toward stage.



Asbestos Mastic Under Carpet



Asbestos Duct Wrapping – Attic



Original white paint on exterior windows and frames is lead-based.



Lead-based, yellow paint at restroom entry area.

Photographs

Shelter Home (East House)



Shelter Home. Auditorium is adjacent / left; probably constructed at about the same time, circa 1940.



Duct Insulation, Floor 2 crawlspace. Asbestos



Lead beige paint, rear (east) entry area.



Lead-based white paint on original exterior windows.



Brown lead paint on metal awnings.



Lead-based paint, rear (east) restroom.

Appendix B
Material Locations

Key

— = Lead Based Paint

Exterior Window Frames

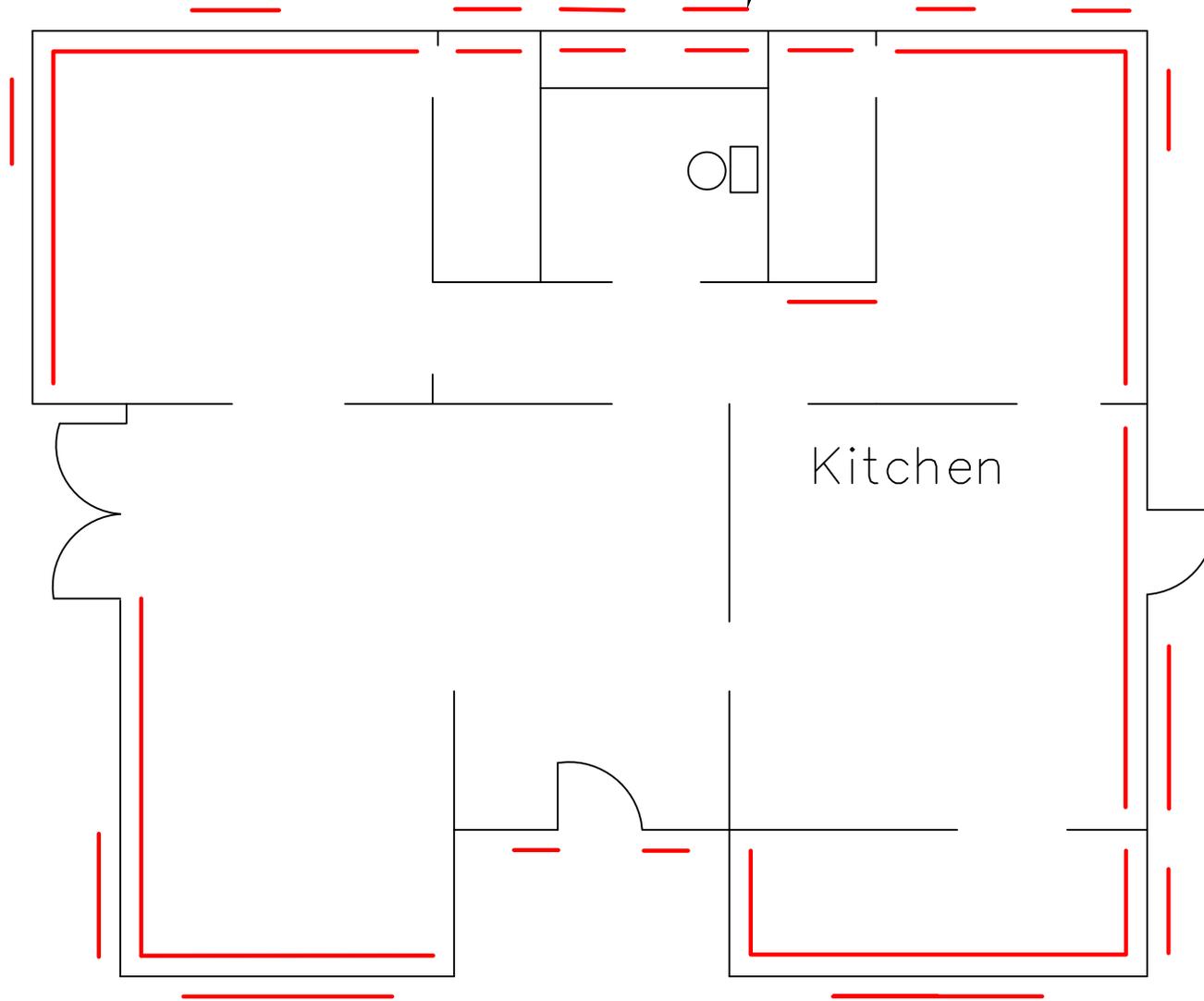


Figure 8: Material Locations
West House
2019 14th Street
Santa Monica, CA 90405

Firm Name and Address

Ellis Environmental Mgmt, Inc.
430 Silver Spur Rd., Suite 201
Rancho Palos Verdes, CA 90275

Client Name and Address

Santa Monica College
1900 Pico Boulevard
Santa Monica, CA 90405

Project #

17-044

Date

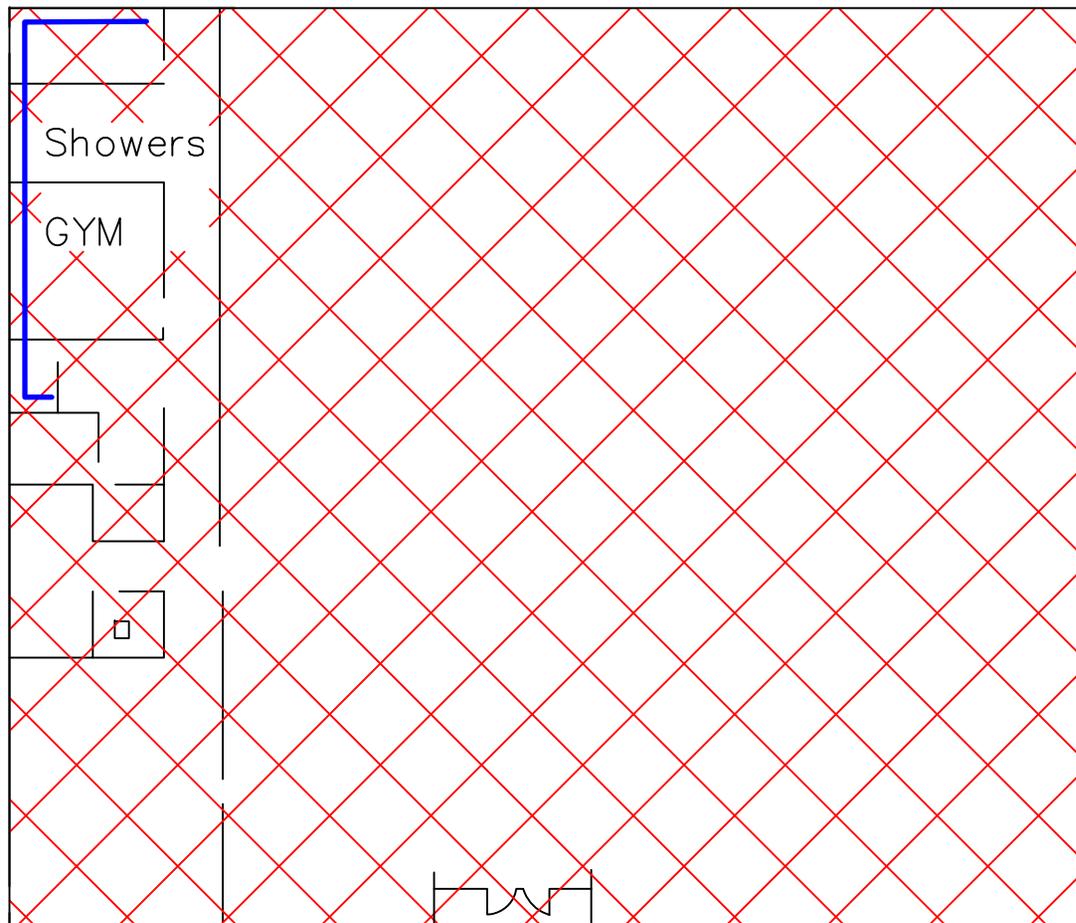
03/09/2017

Sheet

8 of
12

Ellis

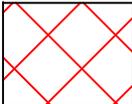




Lead containing white decorative brick

Lead containing Beige exterior wall, white and beige decorative brick and white overhang.

Key

 = Asbestos containing roof penetration mastic, heater room pipe insulation (roof)
 Lead containing beige paint (roof)

 = Lead containing beige ceramic wall tile



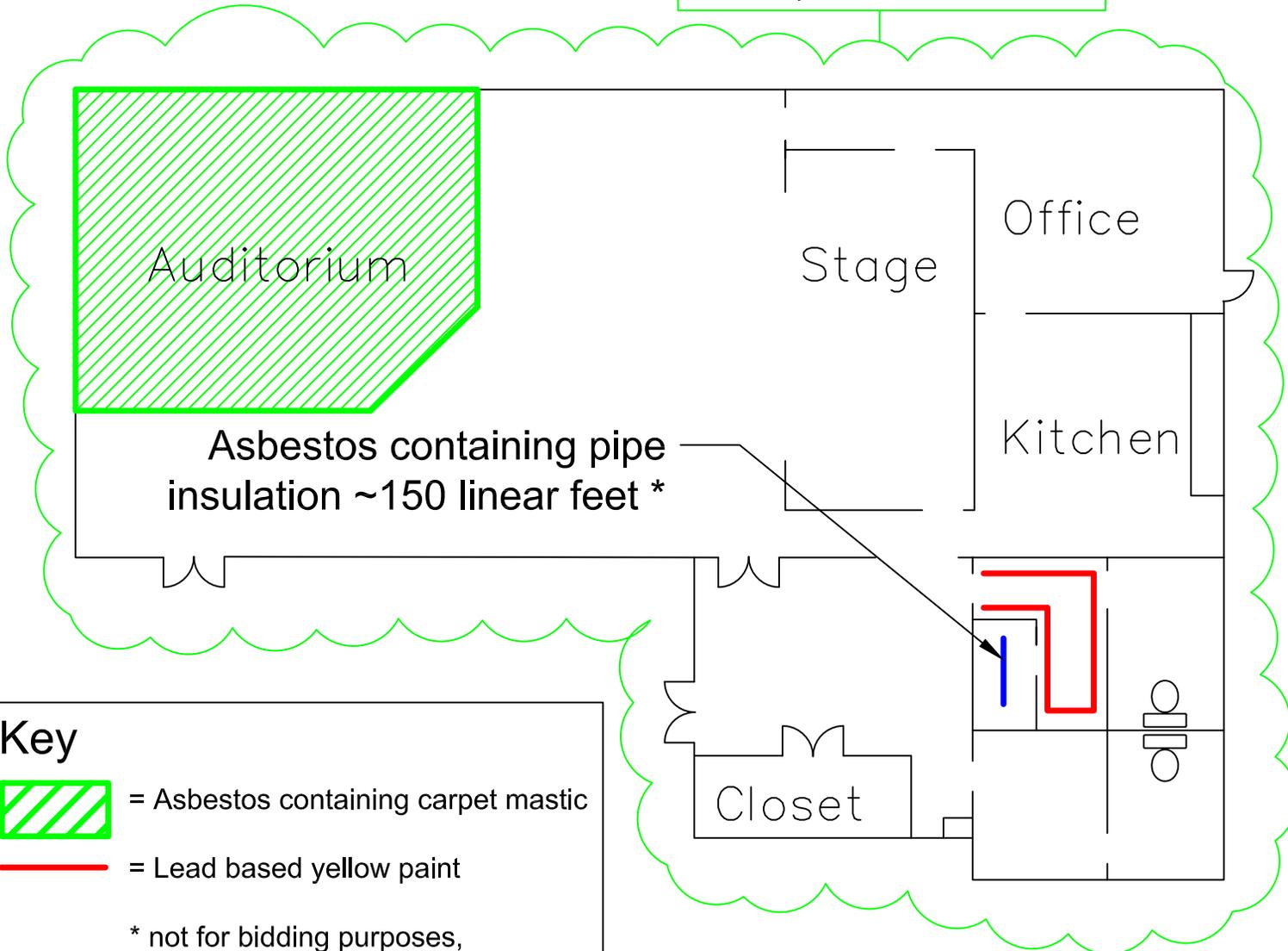
Figure 9: Material Locations
YWCA Recreation Building Floor 1 & Roof
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #	17-044	Sheet	9 of 12
Date	03/09/2017		
			

Lead based dark green exterior paint on doors, support posts.
Lead containing original exterior window paint.



Key

 = Asbestos containing carpet mastic

 = Lead based yellow paint

* not for bidding purposes, contractor to verify quantities.



Figure 10: Material Locations
Auditorium
2019 14th Street
Santa Monica, CA 90405

Firm Name and Address
Ellis Environmental Mgmt, Inc.
430 Silver Spur Rd., Suite 201
Rancho Palos Verdes, CA 90275

Client Name and Address
Santa Monica City College
1900 Pico Boulevard
Santa Monica, CA 9045

Project #	17-044	Sheet	
Date	03/10/2017		10 of 12
			

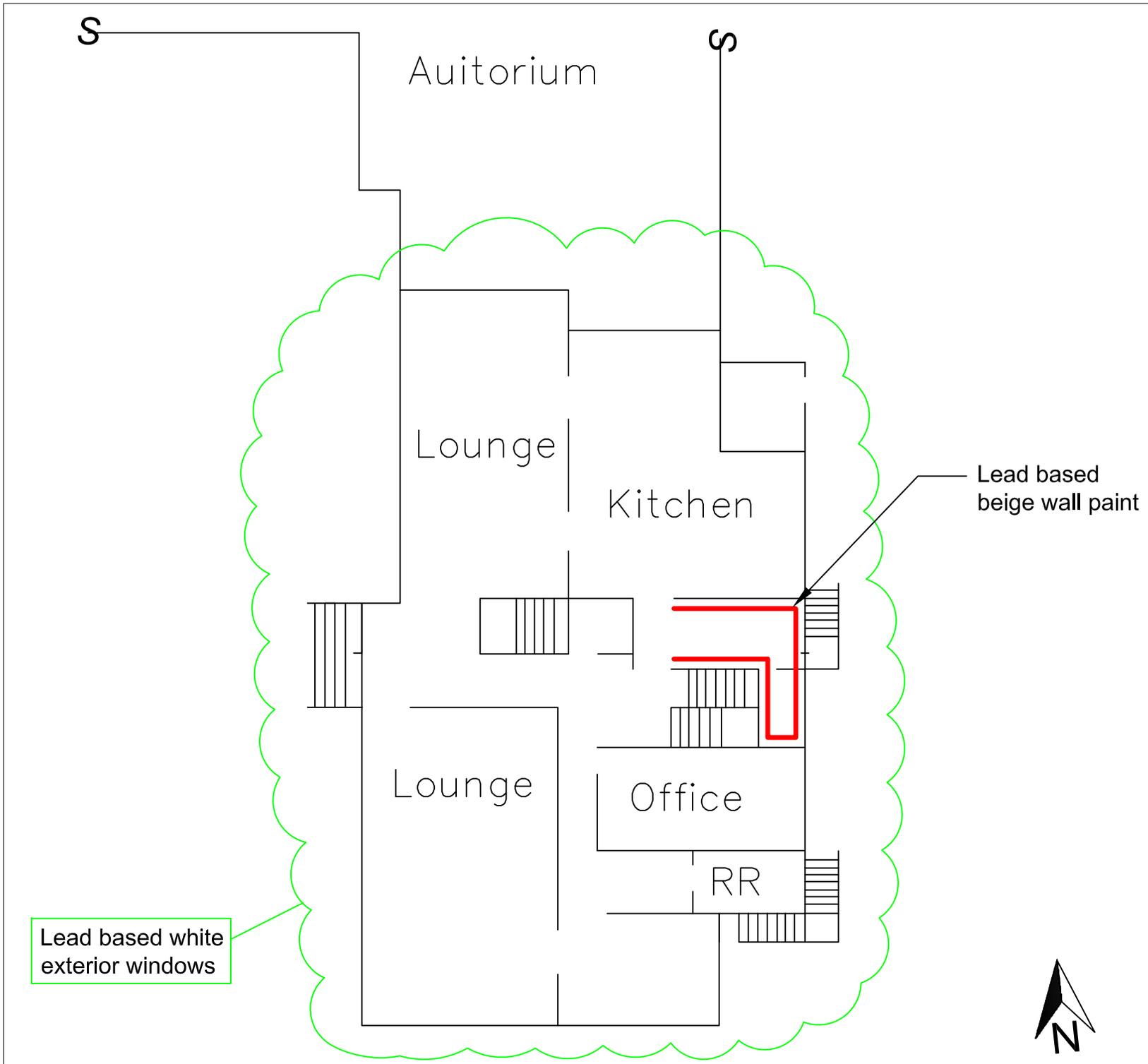


Figure 11: Sample Locations
East House Floor 1 and Exterior
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #	17-044	Sheet	
Date	03/07/2017		11 of
			12



Appendix C
Bulk Sample Locations

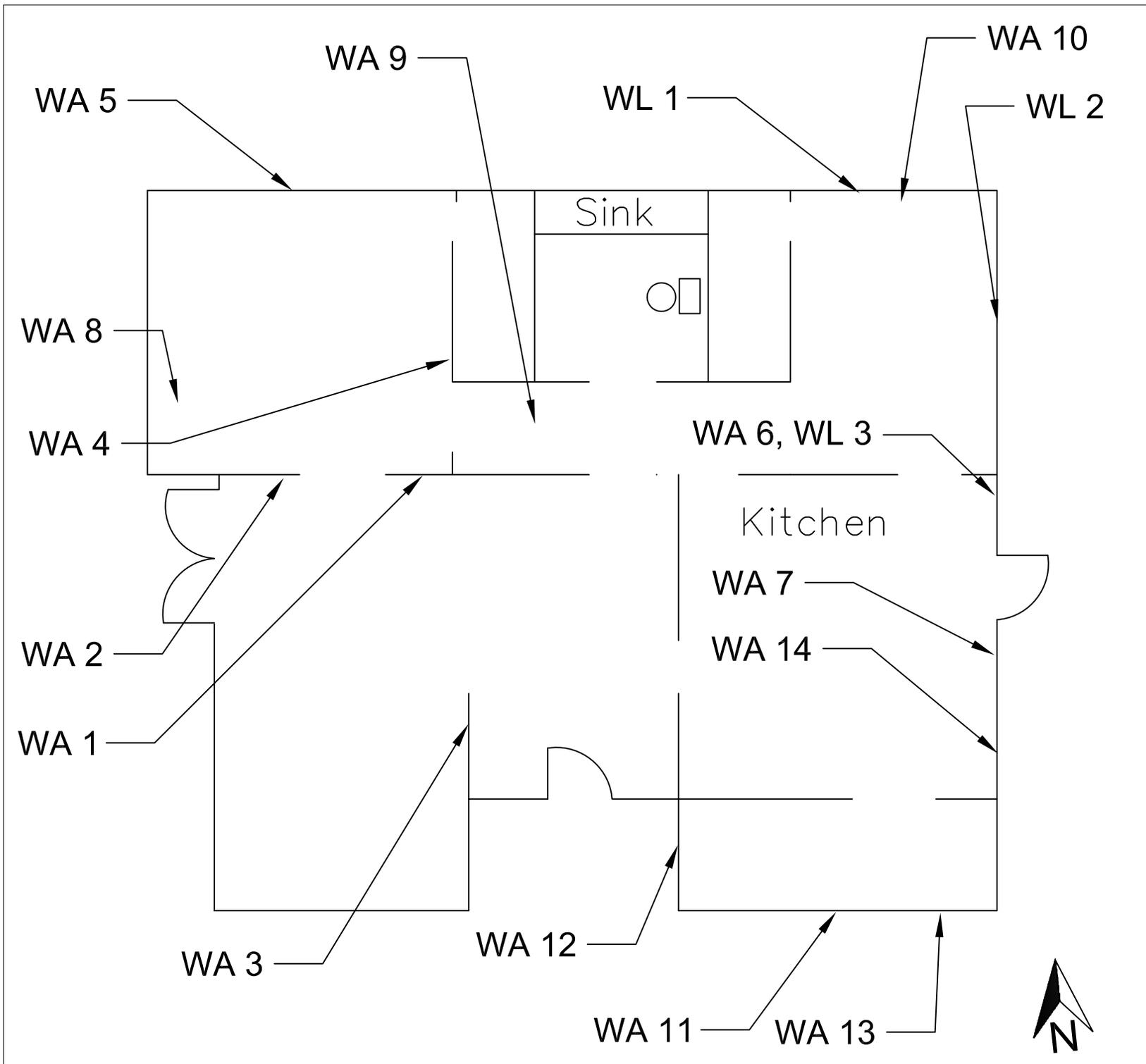


Figure 1: Sample Locations
West House
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #	17-044	Sheet
Date	03/09/2017	1 of 12
Ellis		

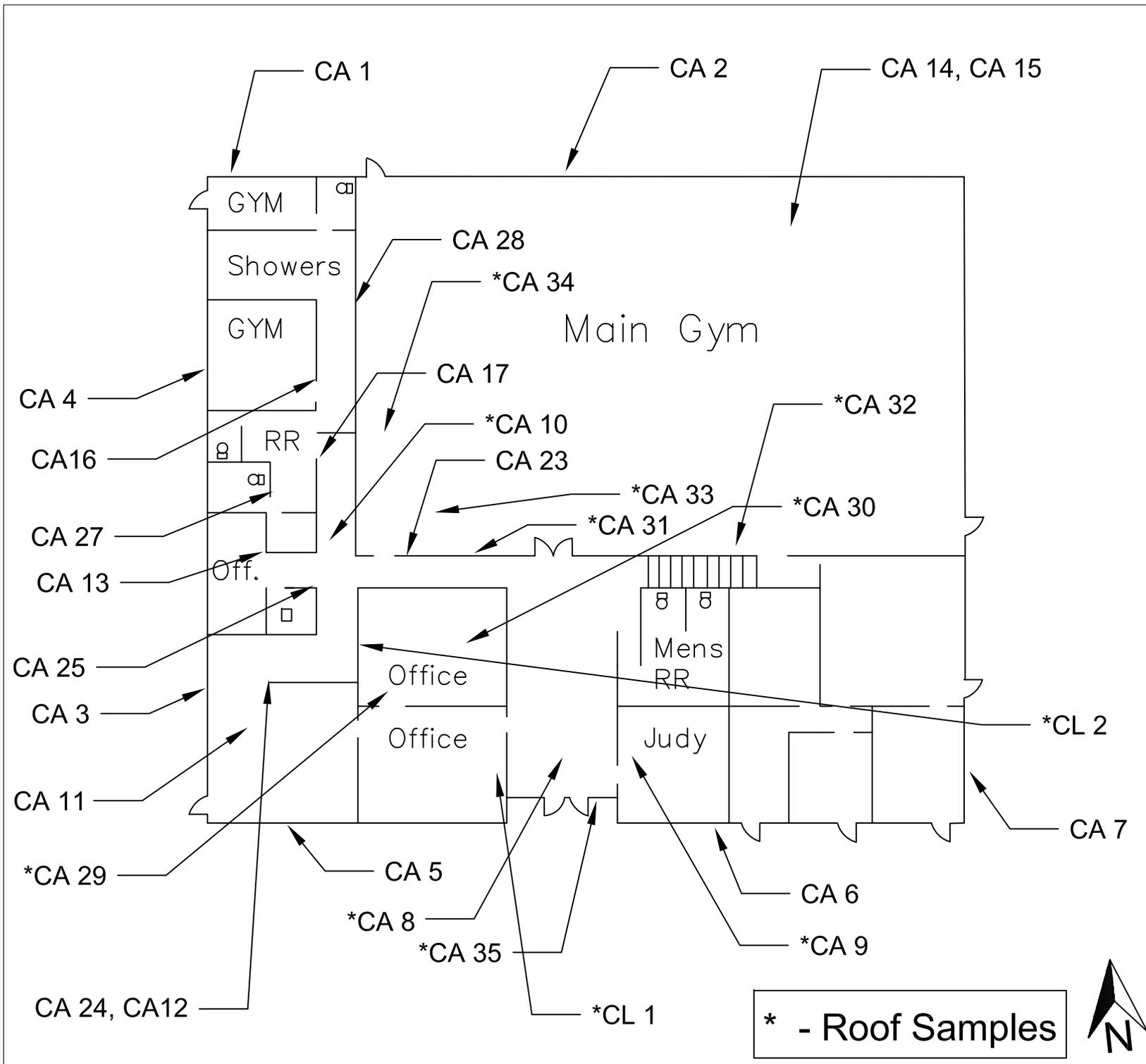


Figure 2: Sample Locations
YWCA Recreation Building Floor 1
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #	17-044	Sheet
Date	03/09/2017	2 of 12
Ellis		

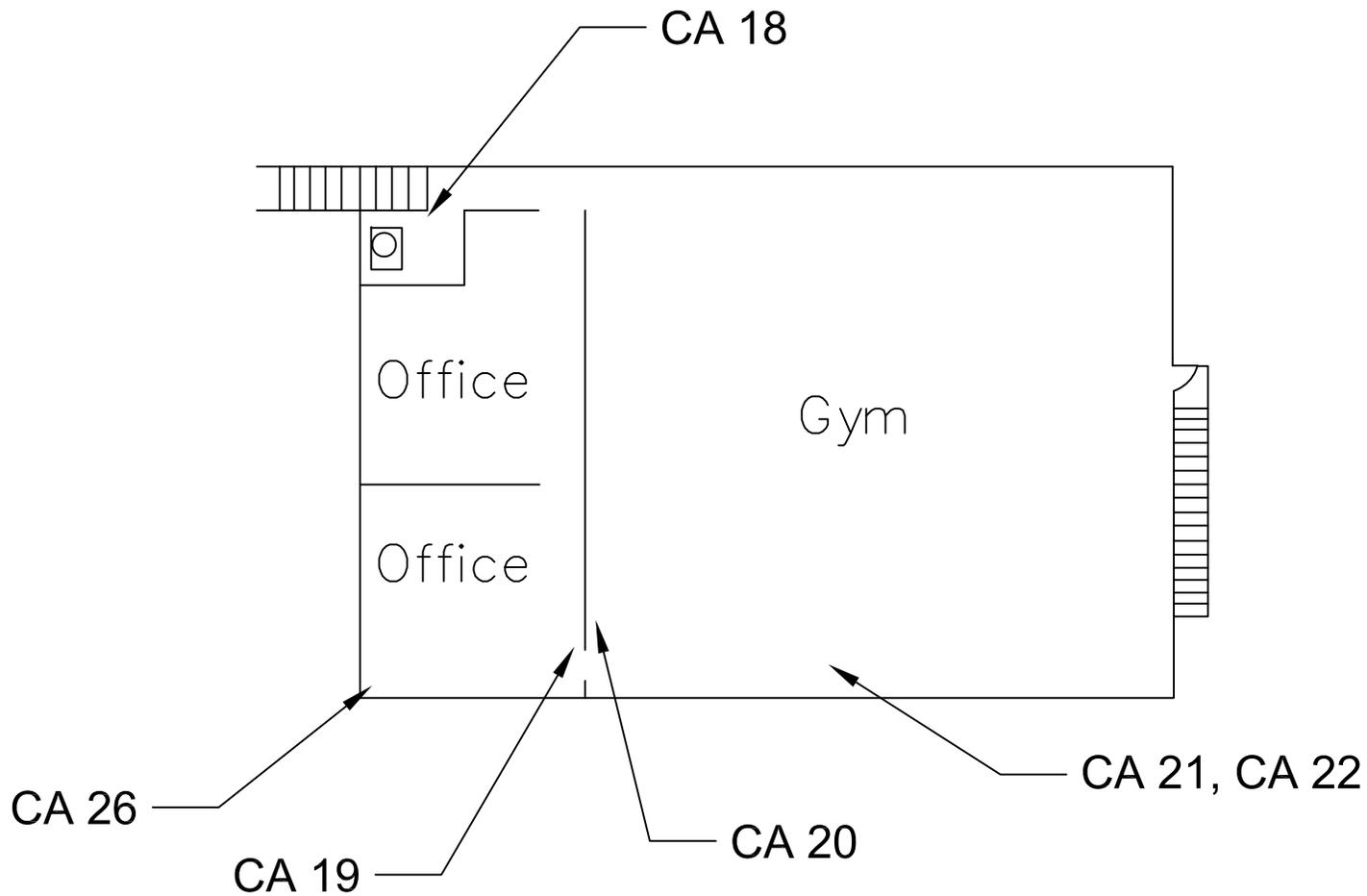


Figure 3: Sample Locations
YWCA Recreation Building Floor 2
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address

Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address

Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #

17-044

Date 03/09/2017

Sheet

3 of

Ellis

12

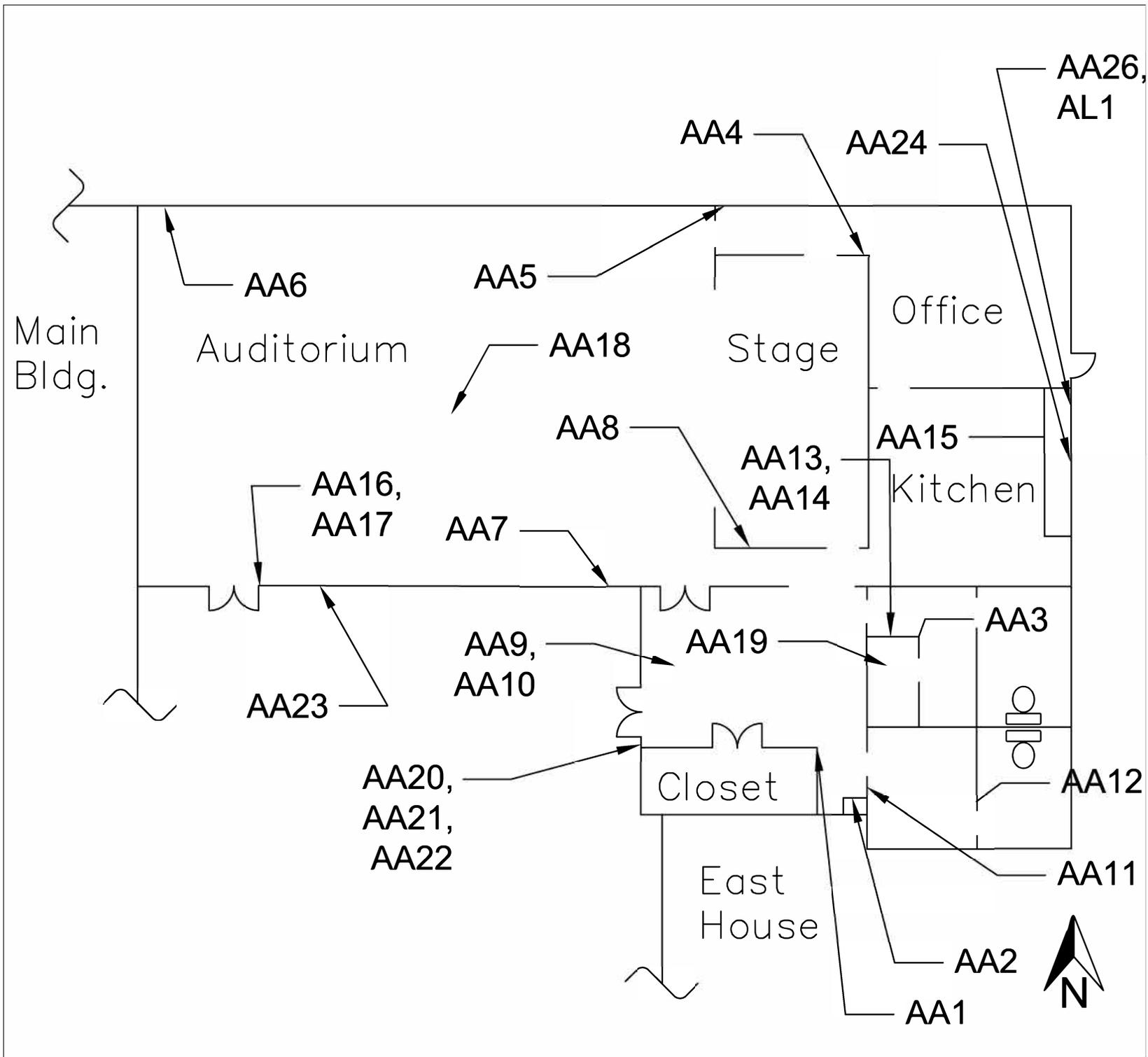


Figure 4: Sample Locations
Auditorium
2019 14th Street
Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica City College
 1900 Pico Boulevard
 Santa Monica, CA 9045

Project #	17-044	Sheet	
Date	03/10/2017		4 of 12
Ellis			12

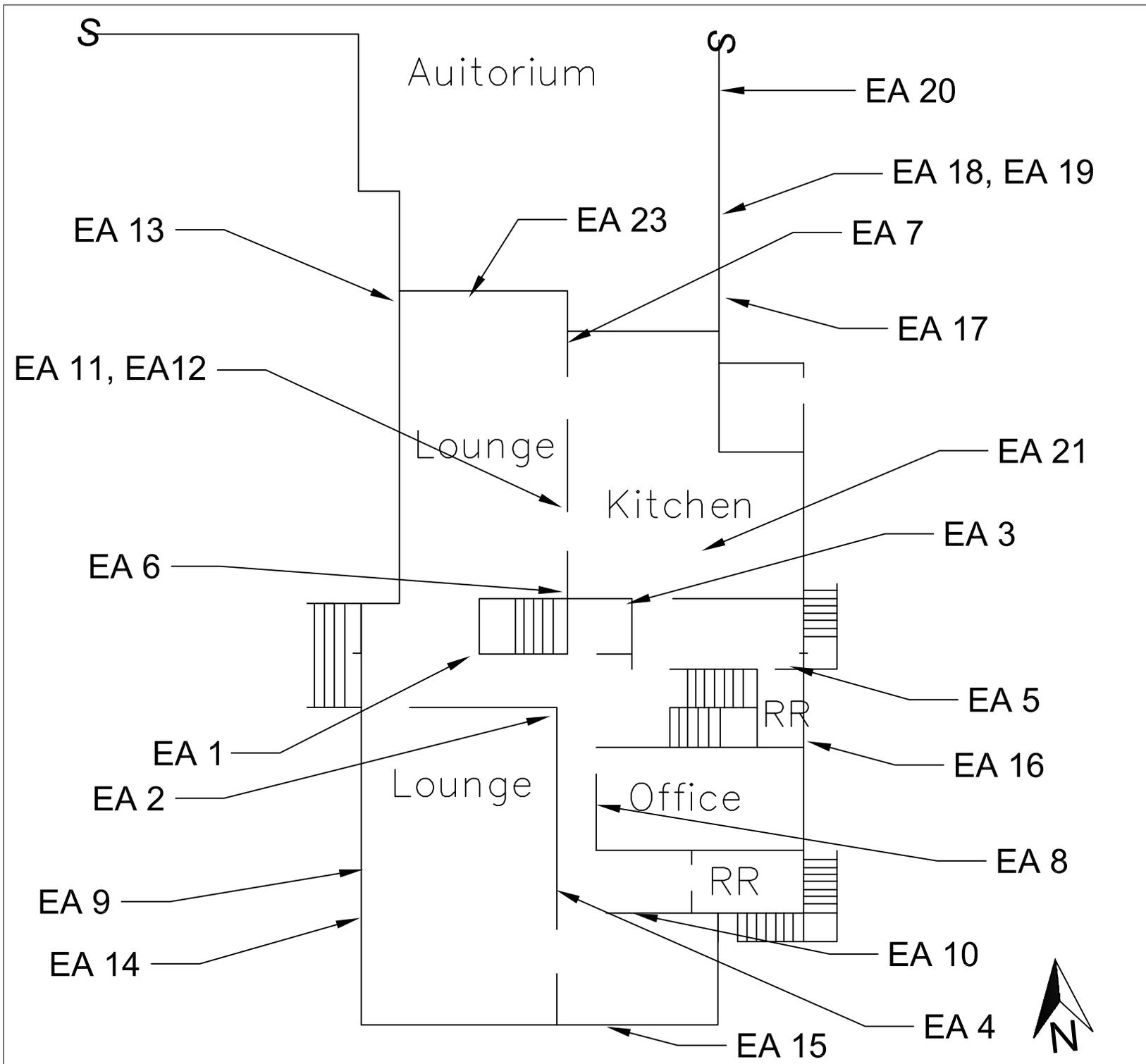


Figure 5: Sample Locations
East House Floor 1
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #	17-044	Sheet	
Date	03/07/2017		5 of 12
Ellis			12

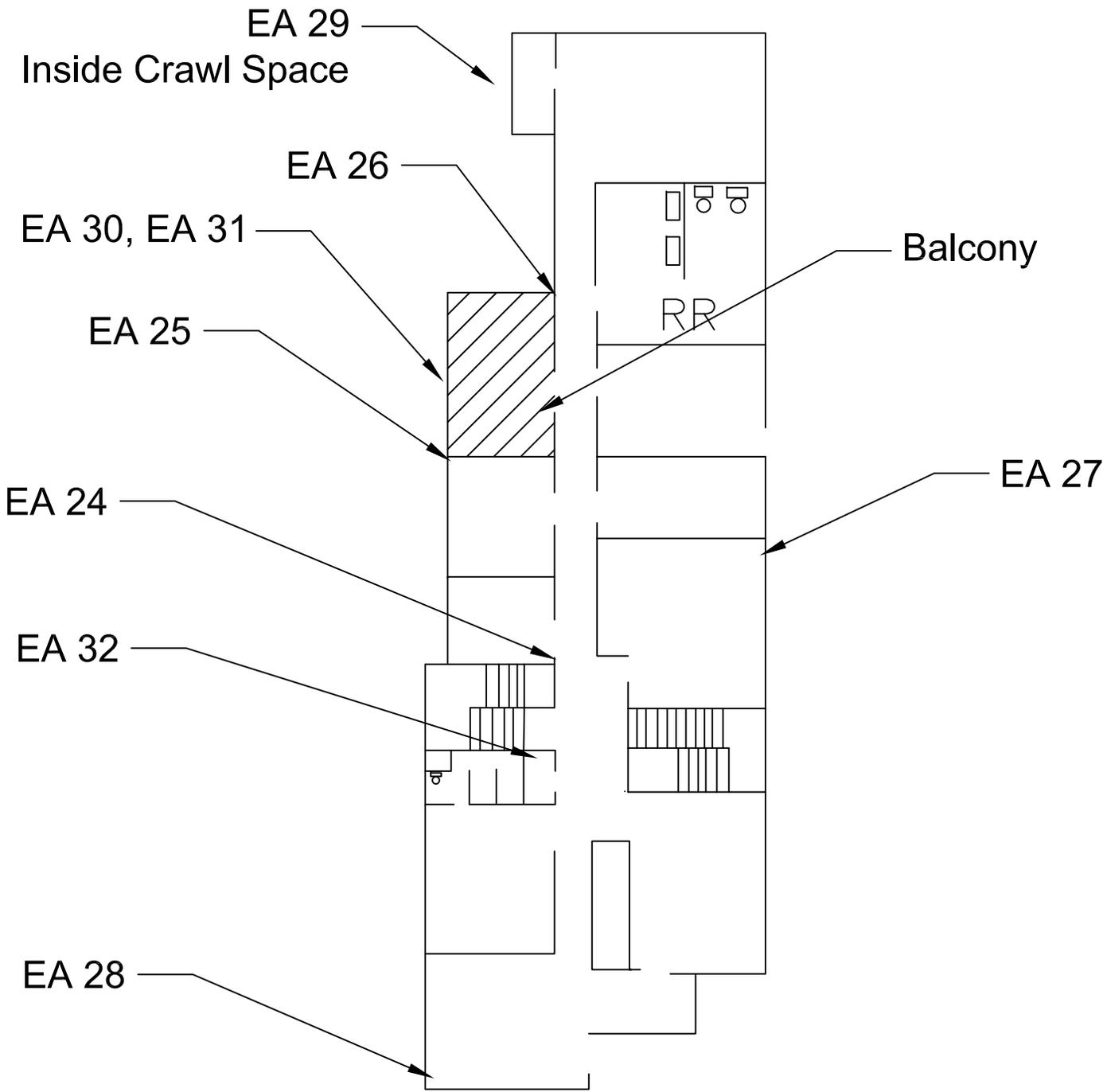


Figure 6: Sample Locations
East House Floor 2
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address
 Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address
 Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #	17-044	Sheet	
Date	03/07/2017		6 of 12
Ellis			12



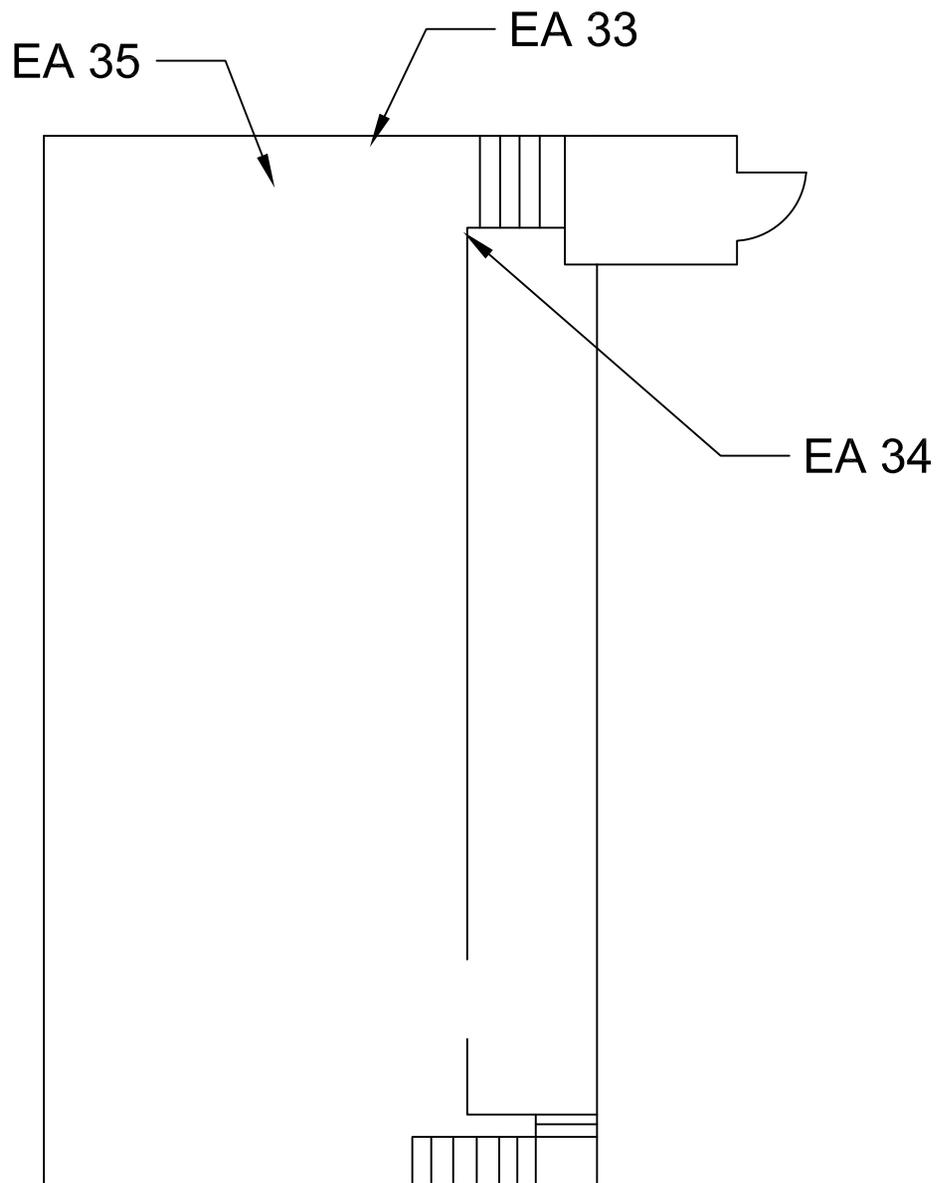


Figure 7: Sample Locations
East House Basement
 2019 14th Street
 Santa Monica, CA 90405

Firm Name and Address

Ellis Environmental Mgmt, Inc.
 430 Silver Spur Rd., Suite 201
 Rancho Palos Verdes, CA 90275

Client Name and Address

Santa Monica College
 1900 Pico Boulevard
 Santa Monica, CA 90405

Project #
 17-044

Date
 03/07/2017

Sheet

7 of

Ellis

12

Appendix D
Laboratory Results

Laboratory Results

Cottage (West) House



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From: Paola Ducoing
AmeriSci Job #: 917031131
Subject: PLM 3 day Results
Client Project: 17-044; SMC; 2019 14th St, SM, West (W) House

Date: Monday, March 06, 2017

Time: 14:30:12

Comments:

Number of Pages: 7

(including cover sheet)

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/03/17 **AmeriSci Job #** 917031131
Date Examined 03/06/17 **P.O. #**
Page 1 of 4
RE: 17-044; SMC; 2019 14th St, SM, West (W) House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WA1 Location: WB/JC	917031131-01	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: Wallboard was not submitted.			
WA2 Location: WB/JC	917031131-02	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: Wallboard was not submitted.			
WA3 Location: WB/JC	917031131-03	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: Wallboard was not submitted.			
WA4 Location: Wall Plaster	917031131-04	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St, SM, West (W) House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WA5 Location: Wall Plaster	917031131-05	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
WA6 Location: Wall Plaster	917031131-06	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
WA7 Location: 12" Floor Gray	917031131-07	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Grey, Heterogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 5 %, Synthetic fibers 10 %, Non-fibrous 85 %			
WA8 Location: Ceiling Plaster	917031131-08	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
WA9 Location: Ceiling Plaster	917031131-09	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
WA10 Location: Ceiling Plaster	917031131-10	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St, SM, West (W) House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WA11 Location: Roof (2 Layers)	917031131-11L1	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Black, Heterogeneous, Fibrous, Roofing Shingle			
Asbestos Types:			
Other Material: Fibrous glass 10 %, Non-fibrous 90 %			
WA11 Location: Roof (2 Layers)	917031131-11L2	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Black, Heterogeneous, Fibrous, Roofing Shingle			
Asbestos Types:			
Other Material: Fibrous glass 10 %, Non-fibrous 90 %			
WA12 Location: Ext. Stucco	917031131-12	Yes	Trace (<1 %) (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Red, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			
WA13 Location: Ext. Stucco	917031131-13	No	NAD (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
WA14 Location: Ext. Stucco	917031131-14	Yes	Trace (<1 %) (by CVES) by Paola Ducoing on 03/06/17
Analyst Description: Red, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types: Chrysotile <1. %			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St, SM, West (W) House

Reporting Notes:

Analyzed By: Paola Ducoing ; Date Analyzed: 3/6/2017 3/6/17

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: 

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14th St, SM
WEST (W) HOUSE

Sampler: LS/DB

Sheet 1 of 2

CHAIN OF CUSTODY RECORD

017031131

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
WA1	WB/JC	3-1				X	PLM-ASBESTOS
WA2	" "						
WA3	" "						
WA4	WALL PLASTER						
WA5	" "						
WA6	" "						
WA7	12" FLOOR - GRAY						
WA8	CEILING PLASTER						
WA9	" "						
WA10	" "						
WA11	ROOF (2 LAYERS)						
WA12	EXT. STUCCO						

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17	<i>[Signature]</i>	<i>[Signature]</i>	3/3/17 @ 0440

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14th St, SM
WEST (W) HOUSE

Sampler: LS/DB

Sheet 2 of 2

CHAIN OF CUSTODY RECORD

917071131

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
WA13	EXT. STUCCO						PLM-ASBESTOS
WA14	" "						" "
WL01	PAINT - LT. BLUE						FLAME AAS - LEAD
WL02	" - WHITE						" " "
WL03	" - GRAY						" " "

Turnaround: ___ same day ___ 24 hrs. ___ 48 hrs. X 3 days ___ 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17	<u>[Signature]</u>	<u>[Signature]</u>	3/3/17 00940



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Carson, California 90745
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FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.

From: Arturo A. Aldana

Fax #:

AmeriSci Job #: 917031236

Subject: PLM 1000 point count 24 hour Res

Client Project: 17-044; SMC; 2019 14th St, SM,
West (W) House

Email: duanebehrens@ellisenvironmental.com, results@ellis
environmental.com, sonnybaramy@ellisenvironmental.com

Date: Wednesday, March 08, 2017

Time: 11:33:20

Comments:

Number of Pages: 3

(including cover sheet)

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/07/17 **AmeriSci Job #** 917031236
Date Examined 03/08/17 **P.O. #**
Page 1 of 1
RE: 17-044; SMC; 2019 14th St, SM, West (W) House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WA12 / WA14 Location: Ext. Stucco	917031236-01	Yes	Trace (<0.1 % pc) ¹ (by 1000 pt ct) by Arturo A. Aldana on 03/08/17
Analyst Description: Red, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types: Chrysotile <0.1 % pc			
Other Material: Non-Asbestos/Inert 61.2 %			
Comment: Heat Sensitive (organic): 11.6%; Acid Soluble (inorganic): 27.2%; Inert (Non-asbestos): 61.2%			

Reporting Notes:

(1) 1000 Point Count Analysis performed on Inert Residue remaining after 480C heat and HCl acid treatments

Analyzed By: Arturo A. Aldana ataal; Date Analyzed: 3/8/2017 3/8/17
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: ataal

917031236

Subject: RE: 917031131 - 17-044 SMC 2019 14TH ST. SM WEST (W) HOUSE

From: Lina Sok <LinaSok@ellisenvironmental.com>

Date: 3/7/2017 12:52 PM

To: "mdavid@amerisci.com" <mdavid@amerisci.com>, Duane Behrens <DuaneBehrens@ellisenvironmental.com>, Results <results@ellisenvironmental.com>

CC: "karellano@amerisci.com" <karellano@amerisci.com>, "rsandoval@amerisci.com" <rsandoval@amerisci.com>, "pjones@amerisci.com" <pjones@amerisci.com>

Please composite samples WA12 and WA14 for 1,000 point count analysis, 24 hour TAT. Thank you.

Lina Sok

Industrial Hygienist linasok@ellisenvironmental.com

ELLIS ENVIRONMENTAL MANAGEMENT INC

430 Silver Spur Road, Suite 201, Rancho Palos Verdes, CA 90275

Office: 310 544 1837 Cell: 310 686 0124 Fax: 310 544 2167 www.ellisenvironmental.com

Please consider the environment before printing this email.

From: AmeriSci LA [mailto:ameriscila@amerisci.com]

Sent: Tuesday, March 07, 2017 9:31 AM

To: Duane Behrens <DuaneBehrens@ellisenvironmental.com>; Results <results@ellisenvironmental.com>

Subject: 917031131 - 17-044 SMC 2019 14TH ST. SM WEST (W) HOUSE

Rec'd By: p Jones 3/7/17 @ 13.00



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com,results@ellisenvironmental.com,sonnybaramy@ellisenvironmental.com

From:
AmeriSci Job #: 417031051
Subject: Lead (paint) 3 day Results
Client Project: 17-044; SMC; 2019 14th St, SM, West (W) House

Date: Monday, March 06, 2017
Time: 12:17:48
Comments:

Number of Pages: 04
(including cover sheet)

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Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

AmeriSci Job #: 417031051

Date Received: 03/03/17

Date Analyzed: 03/06/17

Lead Analysis Results

Paint

EPA Method 3050B/7000B

Ellis Environmental Management, Inc.

Rancho Palos Verdes, CA

Job Site: 17-044; SMC; 2019 14th St, SM, West (W) House

AmeriSci #	Client Number	Sample Location	% Lead (w/w)	Lead Content (mg/kg = ppm)
417031051				
01	WL01	Paint - Lt. Blue	<0.01	<100
02	WL02	Paint - White	<0.01	<100
03	WL03	Paint - Gray	<0.01	<100

AmeriSci Reporting Limit is 0.01%, or 100mg/kg prior to any dilutions due to high analyte concentrations or matrix interferences. AmeriSci does not correct sample results by the blank value. All analytical batch data met quality control criteria unless otherwise noted. CA ELAP No. 2322.

Reviewed by: *nguel*

Analyzed by: *Soheir*
Soheir Galess, Chemist

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SME

Location: 2019 14th St SM
WEST (W) HOUSE

Sampler: LS/DB

Sheet 2 of 2

CHAIN OF CUSTODY RECORD

17031051

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
WA13	EXT. STUCCO						PLM-ASBESTOS
WA14	" "						" "
WL01	PAINT - LT. BLUE						FLAME AAS - LEAD
WL02	" - WHITE						" " "
WL03	" - GRAY						" " "

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17			3/3/17 00940

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14th ST, SM
WEST (W) HOUSE

Sampler: LS/DB

Sheet 1 of 2

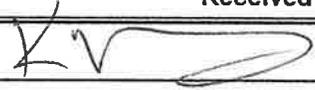
CHAIN OF CUSTODY RECORD

Δ17031051

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
WA1	WB/JC	3-1				X	PLM-ASBESTOS
WA2	" "						
WA3	" "						
WA4	WALL PLASTER						
WA5	" "						
WA6	" "						
WA7	12" FLOOR - GRAY						
WA8	CEILING PLASTER						
WA9	" "						
WA10	" "						
WA11	ROOF (2 LAYERS)						
WA12	EXT. STUCCO						

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17			3/3/17 00440

Laboratory Results

Main (Center) YWCA Recreation Building



AmeriSci Los Angeles

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Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From: Arturo A. Aldana
AmeriSci Job #: 917031296
Subject: PLM 24 hour Results
Client Project: 17-044; SMC; 2019 14th St. YWCA Rec Center

Date: Thursday, March 09, 2017
Time: 16:22:51

Number of Pages: 3
(including cover sheet)

Comments:

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Carson, California 90745

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FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.

From: Lateef MacIntosh

Fax #:

AmeriSci Job #: 917031124

Subject: PLM 3 day Results

Client Project: 17-044; SMC; 2019 14th St. SM /
Main ("C") Building

Email: duanebehrens@ellisenvironmental.com, results@ellis
environmental.com, sommybaramy@ellisenvironmenta
l.com

Date: Monday, March 06, 2017

Time: 11:36:29

Number of Pages: 5

(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/03/17
Date Examined 03/06/17

AmeriSci Job # 917031124

P.O. #

Page 1 of 3

RE: 17-044; SMC; 2019 14th St. SM / Main ("C") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA25 Location: WB/JC	917031124-01	No	NAD¹ (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Composite			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA26 Location: WB/JC	917031124-02	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Plaster			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: WB/JC not found			
CA27 Location: WB/JC	917031124-03	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Plaster			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: WB/JC not found			
CA28 Location: WB/JC	917031124-04	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige, Heterogeneous, Non-Fibrous, Plaster			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
Comment: WB/JC not found			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM / Main ("C") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA29 Location: Flat Roof - Core	917031124-05	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Black, Homogeneous, Fibrous, Roofing Asbestos Types: Other Material: Fibrous glass 5 %, Non-fibrous 95 %			
CA30 Location: Roof Pen. Mastic	917031124-06	Yes	4 % (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Black, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %			
CA31 Location: Roof - Window Putty	917031124-07	Yes	Trace (<1 %) (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige, Homogeneous, Non-Fibrous, Window Putty Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %			
CA32 Location: Roof - Ext. Stucco	917031124-08	Yes	Trace (<1 %) (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Light Beige, Homogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %			
CA33 Location: Roof - Tank Ins.	917031124-09	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige/Yellow, Heterogeneous, Fibrous, Fibrous Material Asbestos Types: Other Material: Cellulose 30 %, Fibrous glass 45 %, Non-fibrous 25 %			
CA34 Location: Roof - WB/JC	917031124-10	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige/White, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 % Comment: WB/JC not found			

Client Name: Ellis Environmental Management, Inc.

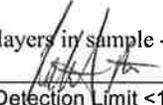
PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM / Main ("C") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA35 Location: Roof - Parapet Felts	917031124-11	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Black/White, Homogeneous, Fibrous, Roofing			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			

Reporting Notes:

(1) Physically inseparable layers in sample - sample composited for analysis

Analyzed By: Lateef MacIntosh ; Date Analyzed: 3/6/2017 3/6/17

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: 



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From: Arturo A. Aldana
AmeriSci Job #: 917031128
Subject: PLM 3 day Results
Client Project: 17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Date: Monday, March 06, 2017
Time: 14:26:26

Number of Pages: 9
(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/03/17

Date Examined 03/06/17

AmeriSci Job # 917031128

P.O. #

Page 1 **of** 6

RE: 17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA1 Location: Ext. Stucco	917031128-01	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Pink/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA2 Location: Ext. Stucco	917031128-02	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA3 Location: Ext. Stucco	917031128-03	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA4 Location: Ext. Stucco	917031128-04	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Tan/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA5 Location: Ext. Stucco	917031128-05	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA6 Location: Ext. Stucco	917031128-06	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			
CA7 Location: Ext. Stucco	917031128-07	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White/Grey, Heterogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			
CA8 Location: Roof Shingle	917031128-08	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Black/Grey, Heterogeneous, Fibrous, Roofing Shingle Asbestos Types: Other Material: Fibrous glass 2 %, Non-fibrous 98 %			
CA9 Location: Pen. Mastic	917031128-09	Yes	3 % (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Black, Homogeneous, Non-Fibrous, Penetration Mastic Asbestos Types: Chrysotile 3.0 % Other Material: Non-fibrous 97 %			
CA10 Location: Heater Rm Pipe Ins.	917031128-10	Yes	2 % (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Grey, Homogeneous, Non-Fibrous, Pipe Insulation Asbestos Types: Chrysotile 2.0 % Other Material: Fibrous glass 5 %, Non-fibrous 93 %			
CA11 Location: Floor Tile - Green	917031128-11	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Blue/Green, Homogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 10 %, Non-fibrous 90 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA12 Location: Cove Base - Green	917031128-12L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Green, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %			
CA12 Location: Cove Base - Green	917031128-12L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
CA13 Location: Cove Base - Brown	917031128-13L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cove Base Asbestos Types: Other Material: Non-fibrous 100 %			
CA13 Location: Cove Base - Brown	917031128-13L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
CA14 Location: 12" CT	917031128-14	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Ceiling Tile Asbestos Types: Other Material: Cellulose 60 %, Non-fibrous 40 %			
CA15 Location: 12" CT - Mastic	917031128-15	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA16 Location: Cove Base - Black	917031128-16L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Black, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA16 Location: Cove Base - Black	917031128-16L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA17 Location: Cove Base - Brn 6"	917031128-17L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA17 Location: Cove Base - Brn 6"	917031128-17L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA18 Location: Cove Base - Lt. Brn	917031128-18L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Light Brown, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA18 Location: Cove Base - Lt. Brn	917031128-18L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA19 Location: Cove Base - White	917031128-19L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Cove Base			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA19 Location: Cove Base - White	917031128-19L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA20 Location: 12" Floor Tile - White	917031128-20	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA21 Location: 12" CT	917031128-21	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Ceiling Tile			
Asbestos Types:			
Other Material: Cellulose 60 %, Non-fibrous 40 %			
CA22 Location: 12" CT - Mastic	917031128-22	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Dark Brown, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
CA23 Location: Base Cove - Brn - Thick	917031128-23L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Black, Homogeneous, Non-Fibrous, Basecove			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Main ("C") Bldg.

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA23 Location: Base Cove - Brn - Thick	917031128-23L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
CA24 Location: WB/JC	917031128-24.1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %			
CA24 Location: WB/JC	917031128-24.2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Wallboard Asbestos Types: Other Material: Cellulose 10 %, Non-fibrous 90 %			

Reporting Notes:

Analyzed By: Arturo A. Aldana at aad; Date Analyzed: 3/6/2017 3/6/17
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: at aad

917031128

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Sampler: SB/DB

Client: SMC

Location: 2019 14th St SM
MAIN ("C") BLDG.

CHAIN OF CUSTODY RECORD

Sheet 1 of 2

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
CA1	EXT. STUCCO	2.28				X	PLM - ASBESTOS
CA2	" "						
CA3	" "						
CA4	" "						
CA5	" "						
CA6	" "						
CA7	" "						
CA8	ROOF SHINGLE						
CA9	PEN. MASTIC						
CA10	HEATER RM. PIPE INS.						
CA11	FLOOR TILE - GREEN						
CA12	COVE BASE - "						

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17			3/3/17 0940

917031128

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Sampler: SB/DB

Client: SMC

Location: 2019 14th ST

CHAIN OF CUSTODY RECORD

Sheet 2 of 2

DB MAIN (CENTER) BUILDING

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
CA13	COVE BASE - BROWN	2.28				x	PLM - ASBESTOS
CA14	12" C.T.	↓					
CA15	" " - MASTIC						
CA16	COVE BASE - BLACK						
CA17	" " - BRN 6"						
CA18	" " - LT. BRN						
CA19	" " - WHITE						
CA20	12" FLOOR TILE - "						
CA21	12" C.T.						
CA22	12" " - MASTIC						
CA23	BASE COVE - BRN - THICK						
CA24	WB/JL					x	

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17	<u>D. Dun</u>	<u>KV</u>	3/3/17 @ 0940



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Carson, California 90745
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FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com,results@ellisenvironmental.com,sonnybaramy@ellisenvironmental.com

From:
AmeriSci Job #: 417031047
Subject: Lead (paint) 3 day Results
Client Project: 17-044; SMC; 2019 14th St. SM / Main ("C") Building

Date: Monday, March 06, 2017

Time: 12:17:20

Comments:

Number of Pages: 03

(including cover sheet)

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AmeriSci Job #: 417031047

Date Received: 03/03/17

Date Analyzed: 03/06/17

Lead Analysis Results

Paint

EPA Method 3050B/7000B

Ellis Environmental Management, Inc.

Rancho Palos Verdes, CA

Job Site: 17-044; SMC; 2019 14th St. SM / Main ("C") Building

AmeriSci #	Client Number	Sample Location	% Lead (w/w)	Lead Content (mg/kg = ppm)
417031047				
01	CL1	Beige Paint - Roof	0.12	1,200
02	CL2	Beige Paint - Roof	0.12.	1,200

AmeriSci Reporting Limit is 0.01%, or 100mg/kg prior to any dilutions due to high analyte concentrations or matrix interferences. AmeriSci does not correct sample results by the blank value. All analytical batch data met quality control criteria unless otherwise noted. CA ELAP No. 2322.

Reviewed by: 

Analyzed by: 
Soheir Galess, Chemist

417 031047

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Sampler: DD

Project No.: 17-044

Client: SMC

Location: 2019 14th St, SM
MAIN ("C") BUILDING

CHAIN OF CUSTODY RECORD

Sheet 1 of 1

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
CL1	BEIGE PAINT - ROOF	3.1				X	FLAMEAAS - LEAD = % / WT
CL2	" " - "	✓				X	

Turnaround: ___ same day ___ 24 hrs. ___ 48 hrs. 3 days ___ 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.1.17	<u>[Signature]</u>	<u>[Signature]</u>	3/3/17 @ 0940



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FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com,results@ellisenvironmental.com,sonnybaramy@ellisenvironmental.com

From:
AmeriSci Job #: 417031109
Subject: Lead (paint) 24 hour Results
Client Project: 17-044; SMC; 2019 14th St. YWCA Rec. Center

Date: Thursday, March 09, 2017

Time: 19:09:50

Number of Pages: 03

(including cover sheet)

Comments:

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 Carson, CA 90745
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Laboratory Report

Report Date: 3/9/2017
 Workorder No: 417031109

Customer: **Ellis Environmental Management, Inc.**
 430 Silver Spur Road, Suit 201
 Rancho Palos Verdes, CA 90275

Attention: Duane Behrens

Subject: **17-044; SMC, 2019 14th St. YWCA Rec. Center**

Sample 1: 30902 Description: Ext. Stucco - Rec. Bldg.
 Collection Date: 3/9/2017 Received Date: 3/9/2017 Time: 11:05
 Matirx: Solid

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Unit</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date</u>	<u>Qual</u>
Lead, TTLC, ICP	EPA 3050B/6010C	23	mg/Kg	20	SG	3/9/2017	

Sample 2: 30904 Description: Biege Ext. Pafint - Rec. Bldg.
 Collection Date: 3/9/2017 Received Date: 3/9/2017 Time: 11:05
 Matirx: Solid

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Unit</u>	<u>PQL</u>	<u>Tech</u>	<u>Analysis Date</u>	<u>Qual</u>
Lead, TTLC, ICP	EPA 3050B/6010C	35	mg/Kg	20	SG	3/9/2017	

AmeriSci Reporting Limit is represented by the PQL. The analytical results within this report relate only to the specific compounds and samples investigated, and may not necessarily reflect other apparently similar material from a similar location. This report shall not be reproduced, except in full, without the written approval of AmeriSci Los Angeles. All analytical Batch data met quality control criteria unless other wise noted.

To the best of my knowledge this report is true and accurate.

Authorized by/Title: Soheir Galess / Chemist

Date: 3/9/2017

417031109

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
Rancho Palos Verdes, CA 90275
(310) 544-1837 (tel)
(310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14th St.

YWCA Rec Center

Sampler: DB/SB

Sheet 1 of 1

CHAIN OF CUSTODY RECORD

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
30901	Ext. Stucco - Rec. Bldg	3-09	AM			X	PLM - ASBESTOS
30902	" - " - "					X	LEAD - TTLC
30903	WB/SC, Gym Storage - Rec Bldg					X	PLM - ASBESTOS
30904	Bridge Ext Paint - Rec. Bldg					X	LEAD - TTLC
30905	CT Mastic - Gym					X	PLM - ASBESTOS

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3-9-17	<i>[Signature]</i>	<i>[Signature]</i>	3/9/17 @ 1105



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FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.

From: Arturo A. Aldana

AmeriSci Job #: 917031235

Fax #:

Subject: PLM 1000 point count 24 hour Res

Client Project: 17-044; SMC; 2019 14th St. SM / Main ("C") Building

Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

Date: Wednesday, March 08, 2017

Time: 11:43:12

Number of Pages:

3
(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/07/17 **AmeriSci Job #** 917031235
Date Examined 03/08/17 **P.O. #**
Page 1 of 1
RE: 17-044; SMC; 2019 14th St. SM / Main ("C") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
CA31 Location: Roof - Window Putty	917031235-01	Yes	Trace (<0.1 % pc) ¹ (by 1000 pt ct) by Arturo A. Aldana on 03/08/17
Analyst Description: Beige, Homogeneous, Non-Fibrous, Window Putty Asbestos Types: Chrysotile <0.1 % pc Other Material: Non-Asbestos/Inert 6.7 % Comment: Heat Sensitive (organic): 12.2%; Acid Soluble (inorganic): 81.0%; Inert (Non-asbestos): 6.7%			
CA32 Location: Roof - Ext. Stucco	917031235-02	Yes	Trace (<0.1 % pc) ¹ (by 1000 pt ct) by Arturo A. Aldana on 03/08/17
Analyst Description: Light Beige, Homogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Chrysotile <0.1 % pc Other Material: Non-Asbestos/Inert 60.9 % Comment: Heat Sensitive (organic): 9.8%; Acid Soluble (inorganic): 29.3%; Inert (Non-asbestos): 60.9%			

Reporting Notes:

(1) 1000 Point Count Analysis performed on Inert Residue remaining after 480C heat and HCl acid treatments

Analyzed By: Arturo A. Aldana ataald; Date Analyzed: 3/8/2017 3/8/17
*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: ataald

917031235

Subject: RE: 917031124 - 17-044 SMC 2019 14TH ST. SM/MAIN ("C") BUILDING
From: Lina Sok <LinaSok@ellisenvironmental.com>
Date: 3/7/2017 12:50 PM
To: "mdavid@amerisci.com" <mdavid@amerisci.com>, Duane Behrens <DuaneBehrens@ellisenvironmental.com>, Results <results@ellisenvironmental.com>
CC: "karellano@amerisci.com" <karellano@amerisci.com>, "rsandoval@amerisci.com" <rsandoval@amerisci.com>, "pjones@amerisci.com" <pjones@amerisci.com>

Hello,

Please further analyze samples CA31 and CA32 separately - 1,000 point count. 24 hour TAT. Thank you.

Lina Sok
Industrial Hygienist linasok@ellisenvironmental.com
ELLIS ENVIRONMENTAL MANAGEMENT INC
430 Silver Spur Road, Suite 201, Rancho Palos Verdes, CA 90275
Office: 310 544 1837 Cell: 310 686 0124 Fax: 310 544 2167 www.ellisenvironmental.com
Please consider the environment before printing this email.

From: AmeriSci LA [mailto:ameriscila@amerisci.com]
Sent: Tuesday, March 07, 2017 9:28 AM
To: Duane Behrens <DuaneBehrens@ellisenvironmental.com>; Results <results@ellisenvironmental.com>
Subject: 917031124 - 17-044 SMC 2019 14TH ST. SM/MAIN ("C") BUILDING

For Andy: p Jones 3/7/17 @ 12.00

Laboratory Results

Auditorium Building

Please Reply To:



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FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.

From: Lateef MacIntosh
AmeriSci Job #: 917031127

Fax #:

Subject: PLM 3 day Results
Client Project: 17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

Date: Tuesday, March 07, 2017

Time: 12:43:55

Number of Pages: 11

(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/03/17

Date Examined 03/06/17

AmeriSci Job # 917031127

P.O. #

Page 1 **of** 7

RE: 17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA1 Location: WB/JC Analyst Description: White, Homogeneous, Non-Fibrous, Composite Asbestos Types: Other Material: Non-fibrous 100 %	917031127-01	No	NAD ¹ (by CVES) by Lateef MacIntosh on 03/06/17
AA2 Location: WB/JC Analyst Description: White/Brown, Homogeneous, Fibrous, Composite Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %	917031127-02	No	NAD ¹ (by CVES) by Lateef MacIntosh on 03/06/17
AA3 Location: WB/JC Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 % Comment: Wallboard not found	917031127-03	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
AA4 Location: Wall Plaster Analyst Description: Green, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 %	917031127-04	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA5 Location: Wall Plaster	917031127-05	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Green, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
AA6 Location: Wall Plaster	917031127-06	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Green, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
AA7 Location: Wall Plaster	917031127-07	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Green, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
AA8 Location: Wall Plaster	917031127-08	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Green, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
AA9 Location: 12" Floor - Turquoise	917031127-09L1	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
AA9 Location: 12" Floor - Turquoise	917031127-09L2	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA10 Location: Flooring Under AA9	917031127-10L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Black, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
AA10 Location: Flooring Under AA9	917031127-10L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
AA11 Location: RSF - Brown	917031127-11L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Brown, Homogeneous, Fibrous, Sheet Flooring Asbestos Types: Other Material: Cellulose 20 %, Non-fibrous 80 %			
AA11 Location: RSF - Brown	917031127-11L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
AA12 Location: 12" Floor - White	917031127-12L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
AA12 Location: 12" Floor - White	917031127-12L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA13 Location: 12" Floor - Blue	917031127-13L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA13 Location: 12" Floor - Blue	917031127-13L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow/Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA14 Location: 12" Floor - Blue	917031127-14L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA14 Location: 12" Floor - Blue	917031127-14L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow/Black, Heterogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA15 Location: RSF - Blue	917031127-15	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Blue, Homogeneous, Fibrous, Sheet Flooring			
Asbestos Types:			
Other Material: Cellulose 15 %, Non-fibrous 85 %			
AA16 Location: 12" Floor - White	917031127-16L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

See Reporting notes on last page

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA16 Location: 12" Floor - White	917031127-16L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
AA17 Location: Blue Floor Under AA 16	917031127-17L1	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Blue, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
AA17 Location: Blue Floor Under AA 16	917031127-17L2	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
AA18 Location: Mastic Under Carpet	917031127-18L1	Yes	4 % (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Brown, Homogeneous, Fibrous, Flooring Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %			
AA18 Location: Mastic Under Carpet	917031127-18L2	No	NAD ¹ (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Yellow/Grey, Heterogeneous, Non-Fibrous, Mastic Asbestos Types: Other Material: Non-fibrous 100 %			
AA19 Location: 8" Duct Ins.	917031127-19	Yes	15 % (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Beige/Grey/Silver, Homogeneous, Fibrous, Duct Insulation Asbestos Types: Chrysotile 15.0 % Other Material: Cellulose 45 %, Non-fibrous 40 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA20 Location: Roof - Upper	917031127-20	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Black/Red, Homogeneous, Fibrous, Roofing Shingle			
Asbestos Types:			
Other Material: Fibrous glass 5 %, Non-fibrous 95 %			
AA21 Location: Roof - Lower	917031127-21	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Black/White, Homogeneous, Fibrous, Roofing			
Asbestos Types:			
Other Material: Cellulose 40 %, Non-fibrous 60 %			
AA22 Location: Roof - Sealant	917031127-22	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: White/Black, Homogeneous, Non-Fibrous, Sealant			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA23 Location: Ext. Stucco	917031127-23	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA24 Location: Window Putty	917031127-24	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Window Putty			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
AA25 Location: Ext. Stucco	917031127-25	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. SM Auditorium ("A") Building

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AA26 Location: Ext. Stucco	917031127-26	No	NAD (by CVES) by Lateef MacIntosh on 03/07/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco Asbestos Types: Other Material: Non-fibrous 100 %			

Reporting Notes:

(1) Physically inseparable layers in sample - sample composited for analysis

Analyzed By: Lateef MacIntosh ; Date Analyzed: 3/6/2017 3/7/17

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP Lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: 

917031127

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Sampler: DB/LS

Client: SMC

Location: 2019 14th ST, SM **CHAIN OF CUSTODY RECORD**

Sheet 1 of 3

AUDITORIUM ("A") BUILDING

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required	
AA1	WB/SC	3.1				X	PLM-ASBESTOS	
AA2	" "	↓				↓	↓	
AA3	" "							
AA4	WALL PLASTER							
AA5	" "							
AA6	" "							
AA7	" "							
AA8	" "							
AA9	12" FLOOR - TURQUOISE							
AA10	FLOORING UNDER AA9							
AA11	RSF - BROWN							
AA12	12" FLOOR - WHITE		↓			↓		↓

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17		3/3/17	00940

017031127

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Sampler: LS/DB

Client: SMC

Location: 2019 14th ST.

CHAIN OF CUSTODY RECORD

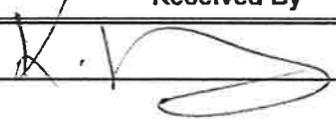
Sheet 2 of 3

AUDIT. (A) BLDG.

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
AA13	12" FLOOR - BLUE	3-1				x	PCM - ASBESTOS
AA14	" " - "						
AA15	RSP - BLUE						
AA16	12" FLOOR - WHITE						
AA17	BLUE FLOOR UNDER AA16						
AA18	MASTIC UNDER CARPET						
AA19	8" DUCT INS.						
AA20	ROOF - UPPER						
AA21	" - LOWER						
AA22	" - SEALANT						
AA23	EXT. STUCCO						
AA24	WINDOW PUTTY						

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17			3/3/17 @ 0940

917031127

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
Rancho Palos Verdes, CA 90275
(310) 544-1837 (tel)
(310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14th St. SM

Audit (A) Building

Sampler: LS/DB

Sheet 3 of 3

CHAIN OF CUSTODY RECORD

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
AAZ5	Ext. Stucco	3/11				X	PLM - ASBESTOS
AAZ6	" "	"				X	" "

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17			3/3/17 00940



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From:
AmeriSci Job #: 417031048
Subject: Lead (paint) 3 day Results
Client Project: 17-044; SMC; 2019 14th St. SM / Audit. (A) Bldg.

Date: Monday, March 06, 2017
Time: 12:18:51
Comments:

Number of Pages: 03
(including cover sheet)

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

AmeriSci Job #: 417031048

Date Received: 03/03/17
Date Analyzed: 03/06/17

Lead Analysis Results

Paint

EPA Method 3050B/7000B

Ellis Environmental Management, Inc.

Rancho Palos Verdes, CA

Job Site: 17-044; SMC; 2019 14th St. SM / Audit. (A) Bldg.

AmeriSci #	Client Number	Sample Location	% Lead (w/w)	Lead Content (mg/kg = ppm)
417031048				
01	AL1	Ext. Window Paint	0.052	520

AmeriSci Reporting Limit is 0.01%, or 100mg/kg prior to any dilutions due to high analyte concentrations or matrix interferences. AmeriSci does not correct sample results by the blank value. All analytical batch data met quality control criteria unless otherwise noted. CA ELAP No. 2322.

Reviewed by: 

Analyzed by: 
Soheir Galess, Chemist

417031048

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
Rancho Palos Verdes, CA 90275
(310) 544-1837 (tel)
(310) 544-2167 (fax)

Project No.: 17-044

Sampler: LS/DB

Client: SMC

Location: 2019 14th St, SM

CHAIN OF CUSTODY RECORD

Sheet 1 of 1

AUDIT. (A) BLDG

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
AL1	EXT. WINDOW PAINT	3.1				X	FLAME AAS - LEAD (DB)

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.2.17			3/3/17 @ 0940

Laboratory Results

Shelter Home (East House)



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From: Arturo A. Aldana
AmeriSci Job #: 917031125
Subject: PLM 3 day Results
Client Project: 17-044; SMC; East Bldg, Fl. 1 / 2019 14th St, Santa Monica

Date: Monday, March 06, 2017
Time: 13:10:12

Number of Pages: 7
(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/03/17 **AmeriSci Job #** 917031125
Date Examined 03/06/17 **P.O. #**
Page 1 of 4
RE: 17-044; SMC; East Bldg. Fl. 1 / 2019 14th St, Santa Monica

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA1 Location: Wall Plaster	917031125-01	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Pink/Grey, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
EA2 Location: Wall Plaster	917031125-02	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
EA3 Location: Wall Plaster	917031125-03	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Pink/Grey, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
EA4 Location: Wall Plaster	917031125-04	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Off-White, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			
EA5 Location: Wall Plaster	917031125-05	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Pink/Grey, Heterogeneous, Non-Fibrous, Cementitious, Plaster Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; East Bldg. Fl. 1 / 2019 14th St, Santa Monica

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA6 Location: WB/JC	917031125-06.1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %			
EA6 Location: WB/JC	917031125-06.2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White/Brown/Beige, Heterogeneous, Fibrous, Wallboard / Tape Asbestos Types: Other Material: Cellulose 7 %, Non-fibrous 93 %			
EA7 Location: WB/JC	917031125-07	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 % Comment: WB not submitted			
EA8 Location: WB/JC	917031125-08	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 % Comment: WB not submitted			
EA9 Location: WB/JC	917031125-09.1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; East Bldg. Fl. 1 / 2019 14th St, Santa Monica

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA9 Location: WB/JC Analyst Description: White/Brown, Homogeneous, Fibrous, Wallboard Asbestos Types: Other Material: Cellulose 8 %, Non-fibrous 92 %	917031125-09.2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
EA10 Location: WB/JC Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound Asbestos Types: Other Material: Non-fibrous 100 % Comment: WB not submitted	917031125-10	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
EA11 Location: 12" Beige FT Analyst Description: Beige, Homogeneous, Non-Fibrous, Vinyl Flooring Asbestos Types: Other Material: Non-fibrous 100 %	917031125-11L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
EA11 Location: 12" Beige FT Analyst Description: Clear, Homogeneous, Non-Fibrous, Adhesive Asbestos Types: Other Material: Non-fibrous 100 %	917031125-11L2	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17
EA12 Location: Red Floor Under EA11 Analyst Description: Red, Homogeneous, Fibrous, Flooring Asbestos Types: Other Material: Cellulose 15 %, Synthetic fibers Trace, Non-fibrous 85 %	917031125-12L1	No	NAD (by CVES) by Arturo A. Aldana on 03/06/17

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; East Bldg. Fl. 1 / 2019 14th St, Santa Monica

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA12	917031125-12L2	No	NAD ¹
Location: Red Floor Under EA11			(by CVES) by Arturo A. Aldana on 03/06/17
Analyst Description: Yellow/White, Heterogeneous, Non-Fibrous, Mastic/Debris			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

(1) Physically inseparable layers in sample - sample composited for analysis

Analyzed By: Arturo A. Aldana at aa al; Date Analyzed: 3/6/2017 3/6/17

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: at aa al

917031125

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: EAST BLDG FL. 1

2019 14th St. Santa Monica

Sampler: LS

Sheet 1 of 1

CHAIN OF CUSTODY RECORD

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
EA1	WALL PLASTER	2/28				X	PLM-ASBESTOS
EA2	" "	↓				↓	
EA3	" "	↓				↓	
EA4	" "	↓				↓	
EA5	" "	↓				↓	
EA6	WB/SC	↓				↓	
EA7	" "	↓				↓	
EA8	" "	↓				↓	
EA9	" "	↓				↓	
EA10	" "	↓				↓	
EA11	12" BEIGE FT	↓				↓	
EA12	RED FLOOR UNDER EA11	↓				↓	

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

MARCH 5
 PTS

Date	Relinquished By	Received By	Date
3.1.17	<i>[Signature]</i>	<i>[Signature]</i>	3/3/17 @ 0940



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From: Lateef MacIntosh
AmeriSci Job #: 917031126
Subject: PLM 3 day Results
Client Project: 17-044; SMC; 2019 14th St. East House

Date: Monday, March 06, 2017

Time: 14:38:09

Comments:

Number of Pages: 9
(including cover sheet)

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PLM Bulk Asbestos Report

Ellis Environmental Management, Inc.
Attn: Duane Behrens
430 Silver Spur Road
Suite 201
Rancho Palos Verdes, CA 90275

Date Received 03/03/17

Date Examined 03/06/17

RE: 17-044; SMC; 2019 14th St. East House

AmeriSci Job # 917031126

P.O. #

Page 1 **of** 6

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA13 Location: Ext. Stucco, Beige	917031126-01	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA14 Location: Ext. Stucco, Beige	917031126-02	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige/Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA15 Location: Ext. Stucco, Beige	917031126-03	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA16 Location: Ext. Stucco, Beige	917031126-04	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA17 Location: Ext. Stucco, Beige	917031126-05	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Stucco			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. East House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA18 Location: Window Putty, White	917031126-06	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Window Putty Asbestos Types: Other Material: Non-fibrous 100 %			
EA19 Location: Window Putty, White	917031126-07	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Window Putty Asbestos Types: Other Material: Non-fibrous 100 %			
EA20 Location: Window Putty, White	917031126-08	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Window Putty Asbestos Types: Other Material: Non-fibrous 100 %			
EA21 Location: 12" FT, White	917031126-09L1	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige, Homogeneous, Non-Fibrous, Floor Tile Asbestos Types: Other Material: Non-fibrous 100 %			
EA21 Location: 12" FT, White	917031126-09L2	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Clear, Homogeneous, Non-Fibrous, Adhesive Asbestos Types: Other Material: Non-fibrous 100 %			
EA22 Location: Not Taken	917031126-10		NA
Analyst Description: Bulk Material Asbestos Types: Other Material:			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. East House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA23 Location: Ceiling Plaster, Fl. 1	917031126-11	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Fibrous, Joint Compound / Tape Asbestos Types: Other Material: Cellulose 10 %, Non-fibrous 90 % Comment: Plaster not found			
EA24 Location: WB/JC	917031126-12.1	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Plaster Asbestos Types: Other Material: Non-fibrous 100 % Comment: JC not found			
EA24 Location: WB/JC	917031126-12.2	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Button Board Asbestos Types: Other Material: Non-fibrous 100 % Comment: JC not found			
EA25 Location: WB/JC	917031126-13	No	NAD ¹ (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Composite Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			
EA26 Location: WB/JC	917031126-14	No	NAD ¹ (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Off-White, Homogeneous, Non-Fibrous, Composite Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. East House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA27 Location: WB/JC	917031126-15	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Fibrous, Joint Compound / Tape Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 % Comment: Wallboard not found			
EA28 Location: WB/JC	917031126-16	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Composite Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			
EA29 Location: Duct Insulation, Fl. 2	917031126-17	Yes	15 % (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Beige/Brown, Homogeneous, Fibrous, Duct Insulation Asbestos Types: Chrysotile 15.0 % Other Material: Cellulose 45 %, Non-fibrous 40 %			
EA30 Location: Roof Patching	917031126-18	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Dark Brown, Homogeneous, Fibrous, Roofing Asbestos Types: Other Material: Cellulose 65 %, Non-fibrous 35 %			
EA31 Location: Roof Shingle	917031126-19	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Black/Brown, Homogeneous, Fibrous, Roofing Shingle Asbestos Types: Other Material: Cellulose 10 %, Non-fibrous 90 %			

Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. East House

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EA32 Location: Ceiling Plaster, Fl. 2	917031126-20	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA33 Location: 12" Wht / Grn FT, Basement	917031126-21L1	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Floor Tile			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA33 Location: 12" Wht / Grn FT, Basement	917031126-21L2	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: Yellow, Homogeneous, Non-Fibrous, Mastic			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA34 Location: WB/JC	917031126-22.1	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White, Homogeneous, Non-Fibrous, Joint Compound			
Asbestos Types:			
Other Material: Non-fibrous 100 %			
EA34 Location: WB/JC	917031126-22.2	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Wallboard			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			
EA35 Location: Ceiling Plaster, Basement	917031126-23	No	NAD (by CVES) by Lateef MacIntosh on 03/06/17
Analyst Description: White/Brown, Homogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 5 %, Non-fibrous 95 %			
Comment: Plaster not found			

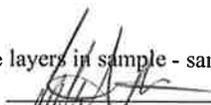
Client Name: Ellis Environmental Management, Inc.

PLM Bulk Asbestos Report

17-044; SMC; 2019 14th St. East House

Reporting Notes:

(1) Physically inseparable layers in sample - sample composited for analysis

Analyzed By: Lateef MacIntosh ; Date Analyzed: 3/6/2017 3/6/17

*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: 

917031126

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14TH ST.

EAST HOUSE

Sampler: SB/DB

Sheet 1 of 2

CHAIN OF CUSTODY RECORD

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
EA13	Ext STUCCO, BIEGE	3/1	AM			✓	PLM ASBESTOS
EA14	" "	↓	↓			↓	↓
EA15	" "	↓	↓			↓	↓
EA16	" "	↓	↓			↓	↓
EA17	" "	↓	↓			↓	↓
EA18	WINDOW PUPPY, WHITE	↓	↓			↓	↓
EA19	" "	↓	↓			↓	↓
EA20	" "	↓	↓			↓	↓
EA21	12" FT, White	↓	↓			↓	↓
EA22	NOT TAKEN						
EA23	Ceiling Plaster, FL 1	↓	↓			↓	↓
EA24	WB/JC	↓	↓			↓	↓

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3/1/17	<i>[Signature]</i>	<i>[Signature]</i>	3/3/17

le

917031126

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 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Project No.: 17-044

Client: SMC

Location: 2019 14TH ST.
EAST HOUSE

Sampler: SB/AB

Sheet 2 of 2

CHAIN OF CUSTODY RECORD

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
EA25	WB/JC	3/1	AM			✓	PLM ASBESTOS
EA26	" "	↓	↓			↓	↓
EA27	" "	↓	↓			↓	↓
EA28	" "	↓	↓			↓	↓
EA29	DUCT INSULATION, FL 2	↓	↓			↓	↓
EA30	ROOF PATCHING	↓	↓			↓	↓
EA31	ROOF SHINGLE	↓	↓			↓	↓
EA32	Ceiling Plaster, FL 2	↓	↓			↓	↓
EA33	12" WHT/GRN FT, Basement	↓	↓			↓	↓
EA34	WB/JC	↓	↓			↓	↓
EA35	Ceiling Plaster, Basement	↓	↓			↓	↓

Turnaround: same day 24 hrs. 48 hrs. 3 days 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3/1/17	<i>[Signature]</i>	R.V. <i>[Signature]</i>	3/3/17 @ 0940



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Duane Behrens
Ellis Environmental Management, Inc.
Fax #:
Email: duanebehrens@ellisenvironmental.com, results@ellisenvironmental.com, sonnybaramy@ellisenvironmental.com

From:
AmeriSci Job #: 417031042
Subject: Lead (paint) 3 day Results
Client Project: 17-044; SMC; 2019 14th St. East House Damaged Paint

Date: Monday, March 06, 2017
Time: 12:15:48
Comments:

Number of Pages: 05
(including cover sheet)

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AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

AmeriSci Job #: 417031042

Date Received: 03/03/17

Date Analyzed: 03/06/17

Lead Analysis Results

Paint

EPA Method 3050B/7000B

Ellis Environmental Management, Inc.

Rancho Palos Verdes, CA

Job Site: 17-044; SMC; 2019 14th St. East House Damaged Paint

AmeriSci #	Client Number	Sample Location	% Lead (w/w)	Lead Content (mg/kg = ppm)
417031042				
01	EL01	Ext. Beige Wall	<0.01	<100
02	EL02	Ext. White, Windows	0.088	880
03	EL03	Ext. Stairs	<0.01	<100
04	EL04	Ext. Door (Bsmt) Tan	<0.01	<100
05	EL05	Ext. Door Awing, Fl. 2	0.14	1,400

AmeriSci Reporting Limit is 0.01%, or 100mg/kg prior to any dilutions due to high analyte concentrations or matrix interferences. AmeriSci does not correct sample results by the blank value. All analytical batch data met quality control criteria unless otherwise noted. CA ELAP No. 2322.

Reviewed by: 

Analyzed by: 
Soheir Galess, Chemist

417031042

Ellis Environmental Management, Inc.

430 Silver Spur Road, Suite 201
 Rancho Palos Verdes, CA 90275
 (310) 544-1837 (tel)
 (310) 544-2167 (fax)

Sampler: DD

Project No.: 17-044

Client: SMC

Location: 2019 14th St.

CHAIN OF CUSTODY RECORD

Sheet 1 of 1

EAST HOUSE, DAMAGED PAINT

Sample Number	Description	Date	Time	H2O	Air	Solid	Tests Required
EL01	EXT. BEIGE WALL	3/01				X	FRAME AAS, LEAD
EL02	EXT. WHITE WINDOWS	↓				↓	↓ ↓ ↓
EL03	EXT. STAIRS						
EL04	EXT. DOOR (BSMT) TAN					↓	↓ ↓ ↓
EL05	EXT. DOOR AWNING FL. 2	↓				↓	

Turnaround: ___ same day ___ 24 hrs. ___ 48 hrs. X 3 days ___ 5 days (Standard)

Special Instructions:

Date	Relinquished By	Received By	Date
3.1.17	<u>[Signature]</u>	<u>[Signature]</u>	3/3/17 @ 0940

Appendix E
XRF Summary

XRF FIELD DATA REPORT

NOTES: Substrate: C=concrete, CB=concrete block, CE=ceramic tile, CT=ceiling tile, D=drywall, M=metal, P=plaster, S=stucco, W=wood; V=vinyl
Condition: I=Intact, D=Damaged; **Color:** Bge=beige, Bla=black, Blu=blue, R=red, Y=yellow, T=tan, G=gray, W=white, O=orange **Results:** N=negative, P=positive, I=inconclusive

Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Entry	Wall	A-D	P	I	W	<0.4	N
Entry	Baseboard	A-D	W	I	W	<0.04	N
Entry	Door	A-D	W	I	W	<0.4	N
Entry	Door Frame	A	W	I	W	<0.4	N
Living Room	Door Frame	B	W	I	W	<0.4	N
Living Room	Window Sill, Frame	B	W	I	w	<0.4	N
NW Bedroom	Wall	A-D	W	I	Blu	0.5-0.7	P
NW Bedroom	Window Sill, Frame	B, C	W	I	W	<0.4	N
Closet	Window Sill, Frame	C	W	I	W	0.6-0.8	P
Restroom	Walls	A-D	D	I	Blu	<0.4	N
Corridor	Walls	A, C	D	I	W	<0.4	N
Restroom	Window Frames	C	W	I	W	0.5-0.7	P
Restroom	Baseboard	C	W	I	W	<0.4	N
Corridor	Cabinets	C	P	I	Blu	0.7	P
NE Bedroom	Walls	A-D	P	I	G	0.6-0.8	P
NE Bedroom	Walls	A-D	P	I	G	1.0	P
Kitchen	Walls	A-D	P	I	G	1.0	P
Kitchen	Door Frames	A-D	W	I	W	<0.4	N
Kitchen	Baseboard	A-D	W	I	W	<0.4	N
South Sunroom	Wall	A-D	W	I	W	0.7	P
Exterior Entry	Door	A	W	I	Green	<0.4	N
Front Porch	Wall	A, B, C	P	I	Green	<0.4	N

The L.A. County DHS action level for lead-based paint is 0.7 mg/cm2
 Negative readings are below LOD for XRF

NOTE: Perimeter Walls, Window Frames and Door Frames = + Lead

XRF FIELD DATA REPORT

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Front Porch	Door Frame	A	W	I	W	0.7	P
Front Porch	Floor	-	C	I	Green	<0.4	N
Exterior	Walls	A-D	P	I	Green	<0.4	N
Exterior	West Steps	-	C	I	Red	<0.4	N
Exterior	Window Frames	All	W	I	W	1.0	P

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Calibration	1.0, 0.9, 1.0						N
Exterior, South	Exterior Wall	A	C	I	Bge	11.1	P
Exterior, South	Exterior Wall	A	CB	I	W	<0.04	N
Exterior, South	Exterior Wall	A	C	I	Green	<0.04	N
Exterior, South	Decorative Brick	A	CB	I	W	11.0	P
Exterior, South	Door	A	M	I	W	<0.04	N
Exterior, South	Overhang	A	CB	I	W	9.5	P
Exterior, South	Upper Decorative Brick	A	CB	I	Bge	8.6	P
Exterior, South	Sidewalk	A	C	D	Green	<0.04	N
Exterior, West	Exterior Wall	B	C	I	Bge	<0.04	N
Exterior West	Door	B	W	D	Green	<0.04	N
Exterior West	Gate	B	M	I	Green	<0.04	N
Exterior West	Exterior Closet	B	W	D	Green	<0.04	N
Exterior North	Downspout	C	M	D	Bge	<0.04	N
Exterior North	Exterior Stucco	C	S	I	Bge	<0.04	N
Exterior East	Exterior Stucco	D	S	I	Bge	<0.04	N
Exterior East	Floor 2 Door	D	W	I	Green	<0.04	N
Exterior East	Stairwell Railing	D	M	D	Green	<0.04	N
Exterior East	Decorative Brick	D	CB	I	W	13.1	P
Floor 1 Interior Lobby	Wall	D	D	I	O	<0.04	N
Floor 1 Interior Lobby	Baseboard	D	W	I	Green	<0.04	N
Floor 1 Interior Lobby	Trim Board	D	W	I	W	<0.04	N

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm ²)	Results (N, P, I)
Floor 1 Interior Lobby	Wall	B	P	I	Green	<0.04	N
Floor 1 Boardroom	Wall	A	D	I	Light Blue	<0.04	N
Floor 1 Boardroom	Wall Trim	A, B, C	W	I	Dark Blue	<0.04	N
Floor 1 Boardroom	Wall	A, B, D	D	I	W	<0.04	N
Floor 1 Boardroom	Baseboard	A-D	V	I	Green	<0.04	N
Floor 1 Program Director	Wall	A-D	D	I	G	<0.04	N
Floor 1 Program Director	Baseboard	A-D	V	O	Brown	<0.04	N
Floor 1 Program Director	Door Frame	A	W	I	W	<0.04	N
Floor 1 Corridor	Wall	A, B, C	D	I	Green	<0.04	N
Floor 1 Corridor	Baseboard	B, C, D	V	I	Brown	<0.04	N
Floor 1 Sauna	Wall	A, B	D	I	W	<0.04	N
Floor 1 Restroom	Wall	A-D	D	I	W	<0.04	N
Floor 1 Women's Locker Room	Ceramic Wall Tile, 80 SF	A-D	CE	I	Beige	7.3	P
Floor 1 Weight Room	Wall	A-D	D	I	W	<0.04	N
Floor 1 Women's Shower	Ceramic Wall Tile, 650 SF	A-D	CE	I	Beige	6.6	P
Floor 1 Women's Shower	Ceramic Floor Tile	Floor	CE	i	Beige	<0.04	N
Main Gym	Wall	A-D	D	I	W	<0.04	N
Main Gym	Baseboard	A-D	V	I	Bla	<0.04	N
Stairwell	Wall	C	D	I	Y	<0.04	N
Floor 1 Lobby Restroom, Men	Ceramic Wall Tile, 80 SF	A-D	CE	I	Beige	8.4	P
Floor 1 Admin	Wall	A-D	D	I	W	<0.04	N
Floor 2 Exercise Room	Wall	B-D	D	I	W	<0.04	N
Floor 2 Exercise Room	Wall	A	C	I	Green	<0.04	N

The L.A. County DHS action level for lead-based paint is 0.7 mg/cm²
 Negative readings are below LOD for XRF

XRF FIELD DATA REPORT

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Floor 2 Exercise Room	Baseboard	A-D	V	I	Green	<0.04	N
Floor 2 Offices	Wall	A-D	D	I	W	<0.04	N
Floor 2 Offices	Wainscoting	C	W	I	G	<0.04	N
Floor 2 Offices	Door & Frame	C	W	I	G	<0.04	N

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XRF FIELD DATA REPORT

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Entry	Door Paint	A	M	I	W	<0.04	N
Entry	Wall	A-D	P	I	W	<0.04	N
Entry	Door Frame	A-D	W	I	W	<0.04	N
Entry	Hallway Closet	A-D	D	I	W	<0.04	N
Entry	Transom Frame	A	W	I	W	<0.04	N
Entry	Closet	A-D	W	I	W	<0.04	N
Entry	Closet	A-D	D	I	W	<0.04	N
Women, Entry	Wall	A-D	P	I	W	<0.04	N
Women, Entry	Baseboard	A-D	W	I	W	<0.04	N
Entry	Baseboard	A-D	W	I	W	<0.04	N
Women's Restroom	Wall	A-D	P	I	W	<0.04	N
Women's Restroom	Window Frame	C	W	I	W	<0.04	N
Office	Window Frame	B, C	W	I	W	<0.04	N
Office	Wall	A-D	P	I	W	<0.04	N
Office	Baseboard	A-D	W	I	W	<0.04	N
Auditorium	Window Frames	B, D	W	I	W	<0.04	N
Auditorium	Baseboards	A-D	W	I	W	<0.04	N
Auditorium	Stage Frame	A	W	I	W	<0.04	N
Stage	Walls, 800 SF	B-D	P	1	W	<0.04	N
Kitchen	Wall	A-D	P	1	Bge	<0.04	N
Kitchen	Sink, Backsplash	B, C	CE	I	W	<0.04	N
Kitchen	Baseboard	D	W	i	W	<0.04	N

XRF FIELD DATA REPORT

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Men's Restroom Entry	Walls, 800 SF	A-D	W	I	Y	0.5-1.7	P
Men's Restroom	Walls, 800 SF	A-D	P	I	Bge	<0.04	N
Exterior Wall	Wall	D	C	I	Bge	<0.04	N
Green Post	Support Post	-	W	I	Green	0.8	P
Green Door	Exterior Door	D	W	I	Green	<0.04	N

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm2)	Results (N, P, I)
Basement, Main	Ceiling	-	D	I	W	<0.4	N
Basement, Main	Walls	A-D	P	I	W	<0.4	N
Basement, Main	Cabinets	-	W	I	Bge	<0.4	N
Basement, Main	South Staircase Steps	-	W	I	Green	<0.4	N
Basement, Main	South Staircase Railing	-	W	I	Green	<0.4	N
Basement, Main	Wall, North Stairwell	D	P	I	Light Green	<0.4	N
Basement, Main	Walls	A-D	D	I	W	<0.4	N
Basement, Root Cellar	Wall	A-D	C	I	W	<0.4	N
Basement, Root Cellar	Ceiling	-	D	I	W	<0.4	N
Basement, Main	Steps, North Stairwell	-	C	I	Y	<0.4	N
Floor 1, Kitchen	Counter	-	CE	I	W	<0.4	N
Floor 1, Kitchen	Walls (3 types)	A-D	CE	I	W	<0.4	N
Floor 1, Kitchen	Cabinets	-	W	I	W	<0.4	N
Floor 1, Rear Entry	Walls	A-D	P	I	Bge	1.0	P
Floor 1, Rear Entry Rest Room	Walls	A-D	P	I	Bge	2.1	P
Floor 1, Stair Landings	Walls	B, D	P	I	Bge	<0.4	N
Floor 1, Office	Walls	A-D	P	I	Green	<0.4	N
Floor 1, Corridor	Walls	A, C	P	I	Bge	<0.4	N
Stair Treads	Stair Treads	-	CE	I	Brown	<0.4	N
Stairwell	Walls	B, D	P	I	Bge	<0.4	N
Upper Landing (Floor 2)	Walls	A-D	P	I	Bge	<0.4	N

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Area	Component	Location (A, B, C, D)	Substrate	Condition (I or D)	Color	Pb (mg/cm ²)	Results (N, P, I)
Exterior	Exterior Paint	A-D	S	I	Bge	<0.4	N
Exterior	Entrance Column	-	W	I	W	<0.4	N
Exterior	Entrance Door, West	-	M	I	Blu	<0.4	N
Exterior	Railing	-	M	D	Green	<0.4	N
Exterior	Railing	-	M	D	Green	<0.4	N
Exterior	Exterior Paint	A-D	S	I	Bge	<0.4	N
Exterior	Door, East	-	W	i	Bge	<0.4	N
Exterior	Canopy at Door	-	M	D	Brown	<0.4	N
Exterior	Reddish Paint, Wall	C, D	S	I	R	<0.4	N
Exterior	Windows & Frames	-	W, M	I	W	<0.4	N
Floor 1, Interior	Fireplace Mantel	D	C	I	Bge	<0.4	N
Floor 1, Interior	Interior Windows	A-D	W	I	W	<0.4	N
Floor 1, Interior, Lounges	Walls	A-D	P	I	Bge, G	<0.4	N
Floor 2, Corridor	Corridor Walls	A-D	P	I	Bge	<0.4	N
Floor 2, Bedrooms	Walls	A-D	P	I	Bge, Green	<0.4	N
Floor 1, Baseboard	Baseboard	-	W	I	Bge	<0.4	N

Appendix F
CDPH Form 8552

LEAD HAZARD EVALUATION REPORT

Section 1 – Date of Lead Hazard Evaluation _____

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

Lead Inspection Risk assessment Clearance Inspection Other (specify) _____

Section 3 – Structure Where Lead Hazard Evaluation Was Conducted

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

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

Name		Telephone number		
Address [number, street, apartment (if applicable)]		City	State	Zip Code

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

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

Section 6 – Individual Conducting Lead Hazard Evaluation

Name		Telephone number		
Address [number, street, apartment (if applicable)]		City	State	Zip Code
CDPH certification number	Signature		Date	

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

Section 7 – Attachments

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

First copy and attachments retained by inspector
 Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:
 California Department of Public Health
 Childhood Lead Poisoning Prevention Branch Reports
 850 Marina Bay Parkway, Building P, Third Floor
 Richmond, CA 94804-6403
 Fax: (510) 620-5656

Appendix G
Ellis / Lab Certifications

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



Duane E Behrens

Name

Certification No. **92-0226**

Expires on **07/10/17**

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



State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor

04/12/2017



Duane E. Behrens

ID #: 7914

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



Ryan C Davidson

Name

Certification No. **15-5395**

Expires on **05/12/17**

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



State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Inspector/Assessor

04/19/2017



Ryan C. Davidson

ID # 26018

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

Lina Sok



Name

Certification No. **15-5499**

Expires on **11/17/16**

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

Certificate Of Completion

Asbestos Building Inspector Initial Course

DOSH #:CA-015-05

Sarah Covert

ABII0425160001N9405

Alan Dages

Principal Instructor



Michael W. Horner
Training Director

4/25/2016

Course Start Date

4/27/2016

Course End Date

4/27/2016

Exam Date

4/27/2017

Expiration Date

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

NATEC International, Inc.

National Association of Training and Environmental Consulting

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



Certificate Of Completion

Asbestos 40 Hr. Contractor / Supervisor Course

DOSH #:CA-015-03

Sarah Covert

ASI0718160005N10434

Alan Dages

Principal Instructor



Michael W. Horner

Training Director

7/18/2016

Course Start Date

7/22/2016

Course End Date

7/22/2016

Exam Date

7/22/2017

Expiration Date

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

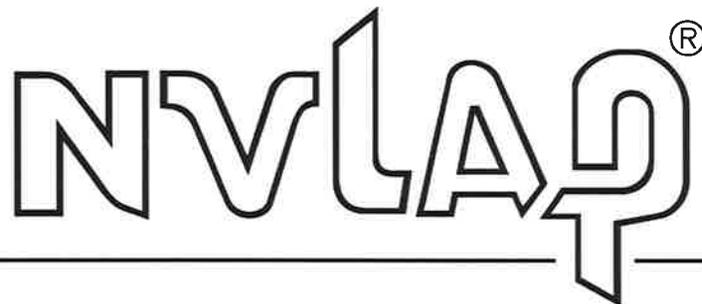
NATEC International, Inc.

National Association of Training and Environmental Consulting

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



United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200346-0

AmeriSci Los Angeles
Carson, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

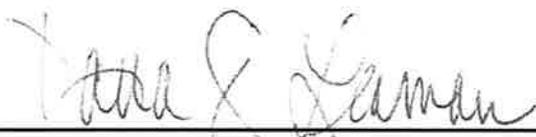
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2017-01-01 through 2017-12-31

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AmeriSci Los Angeles
DBA: AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, CA 90745
Mr. Glenn F. Massey
Phone: 310-834-4868 Fax: 310-834-4772
Email: gmassey@amerisci.com
<http://www.amerisci.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200346-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "Tara S. Laman".

For the National Voluntary Laboratory Accreditation Program



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Interim



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

AmeriSci Los Angeles

24416 South Main Street Suite 308

Carson, CA 90745

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2322**
Expiration Date: **9/30/2017**
Effective Date: **10/1/2016**

A handwritten signature in black ink, appearing to read "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

Valley Safety Services Associates, Inc

330 Old Enfield Road, Belchertown, MA 01007

http://www.vssa-inc.com
(413) 323-9571

Leak Test Data/Certificate

Complete the data requested on the top part of this form and return it with your leak test to the address in the above heading. Following our analysis of your leak test specimen we will return this form to you for your record of the test and results.

Source/Device Description

Device: Source **Model:** Pb200i **Serial #:** 1019 **Manufacturer:** Heuresis

Radioisotope: Co-57 **Activity (mCi):** 5

Source Model: A3901-2 **Source #:** M7-413 **Manufacturer:** Eckert&Ziegler

The leak testing of this source/device was performed as indicated in the manufacturer recommendations or the It952 kit instructions using **Kit#** 868361

By: LINA SOK

Date: 11/16/2016

Company: Heuresis Corp

Telephone: 617-467-5526

Address: 63 Chapel St.
Newton, MA 02458

Fax:

Do Not Write Below This Line

Leak Test Analysis Result

Analysis of the above test on 11/28/2016 yielded the following:

- Statistical analysis of the radioactive count data of this leak test specimen indicated any activity present is less than 0.005 microcuries. The source may be used as authorized.
- Statistical analysis of the radioactive count data of this leak test specimen indicates there is greater than 0.005 microcuries of activity present. The source should be considered leaking. Consult your device operations manual; place this unit in storage and make the required notification to your regulatory agency.

YOUR NEXT REQUIRED LEAK TEST FOR THIS DEVICE/SOURCE IS DUE ON OR BEFORE 5/29/2017
ANOTHER TEST KIT WILL BE SENT TO YOU 2 WEEKS BEFORE THIS DATE FOR YOUR USE AND RETURN FOR ANALYSIS.

THIS CERTIFICATE IS AN ESSENTIAL RECORD AND SHOULD BE MAINTAINED FOR INSPECTION BY THE REGULATORY AGENCY.

CERTIFICATE # 868361

BY: S. J. [Signature]

DATE: 28/11/16

Appendix H
Applicable Regulations – Asbestos

APPLICABLE REGULATIONS – ASBESTOS

Current state and federal regulations pertaining to asbestos are summarized below. The summary is not all-inclusive, and does not address specific removal or disposal requirements for individual materials.

NESHAPS

The National Emission Standard for Hazardous Air Pollutants (NESHAP), regulation 40 CFR Part 61, states that no visible emissions are allowed during building demolition or renovation activities which involve regulated asbestos-containing materials (RACMs). All buildings, regardless of construction date, must be surveyed for ACMs prior to demolition or renovation. The US EPA and/or the local air quality management district which implements US EPA actions must be notified prior to any building demolition, even if no ACMs are present. An ACM is defined as any material with an asbestos content of greater than one percent and which (a) is friable, or (b) Category I non-friable ACM that has or will become friable, or (c) Category II friable ACM that may become or will become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation.

According to NESHAP, ACM is material containing more than one percent asbestos as determined using the methods specified in Appendix A, Subpart E, 40 CFR Part 763, Section 1, PLM. The NESHAP classifies ACM as friable or non-friable. Friable ACM is ACM that contains more than one percent asbestos and when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Non-friable ACM also contains more than one percent asbestos and is further classified as either Category I ACM or Category II ACM. The materials are distinguished by their potential to release fibers when damaged. Category I ACMs are much more likely to release fibers when damaged.

In accordance with the US EPA's NESHAP regulation, facilities planned for renovation or demolition must be surveyed for the total amount of asbestos materials, which must be categorized as friable, Category 1 non-friable, and Category 2 non-friable ACMs.

Southern California Air Quality Management District (SCAQMD)

The SCAQMD is a government agency that regulates sources of air pollution within the area of the Los Angeles and surrounding counties. The District's regulating and enforcement authority comes from federal law. In response to the NESHAP requirements, the SCAQMD implemented Rule 1403 to specify work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials (ACM). The requirements for demolition and renovation activities include asbestos surveying, notification, ACM removal procedures and time schedules, ACM handling and clean-up procedures, and storage, disposal, and landfilling requirements for asbestos-containing waste materials (ACWM). All operators are required to maintain records, including waste shipment records, and are required to use appropriate warning labels, signs, and markings.

AHERA

The Asbestos Hazard Emergency Response Act (AHERA) requires performance of asbestos surveys and the development of Asbestos Management Plans for all of the nation's primary and secondary schools. The general procedures mandated under AHERA are considered the industry standard and are applied to all surveys performed.

Cal-OSHA

Per Cal-OSHA standards, 1926.1101, Asbestos-Containing Construction Materials (ACCMs) are defined as any material with an asbestos content greater than one-tenth of one percent (>0.1%). Cal-OSHA sets forth work requirements for disturbance of ACCMs including removal operations for all types of ACCMs. The requirements have been classified as Class I, Class II, Class III, or Class IV Asbestos related work. The classes are distinguished by their potential to release fibers. Cal-OSHA prescribes specific engineering controls and work practices for each Class of Asbestos related Work.

1. Class I – This Class refers to removal of ACMs identified as Thermal System Insulation (TSI) or surfacing (sprayed-on or troweled-on) materials. These materials are generally considered friable.
2. Class II – This Class refers to removal of ACMs identified that are not TSI or surfacing materials. These materials are generally considered non-friable.
3. Class III – This Class refers to repair and maintenance operations of all identified ACMs.
4. Class IV – This Class refers to incidental contact with identified ACMs such as custodial staff.

California Health and Safety Code

The California Health and Safety Code 25915 (former Connelly Bill) requires all building owners in the State of California to provide written notification to employees, tenants, and contractors of the presence and location of ACCMs within their buildings. Some exclusion to the notification rule for restricted access areas is allowed. All documentation related to asbestos surveys (and air monitoring) must be made available to employees, tenants, or contractors for review. ACCMs are defined as any materials with an asbestos content greater than one-tenth of one percent (>0.1%). The California Health and Safety Code also require that a seller with any knowledge of ACMs on a property disclose such information or knowledge to other parties involved in a real estate transaction.

Building Demolition / Renovation

In accordance with the US EPA's NESHAPs regulation and the SCAQMD, all structures planned for renovation or demolition must be surveyed for ACMs prior to the planned renovation or demolition. Subsequent removal of identified ACMs is also required. Removal involves, to the greatest extent practical, the complete removal, disposal, and replacement, if necessary, of the ACMs. Removal usually also requires encapsulation of the remaining structure to lock down residual fibers which may exist. Removal of ACMs is required prior to renovation and/or demolition activities. The US EPA and SCAQMD require removal of all RACMs prior to demolition or renovation. RACMs include friable and non-friable (Category I and II) which have or will become friable by demolition or renovation activities.

Appendix I
Applicable Regulations - Lead

APPLICABLE REGULATIONS – LEAD

California Title 8, Industrial Relations, Division 1, Department of Industrial Relations, Chapter 4, Division of Industrial Safety, Subchapter 4, Construction Safety Orders, Article 4, Dusts, Fumes, Mists, Vapors, and Gases, §1532.1, Lead.

This section applies to all construction work where an employee may be occupationally exposed to lead. All construction work excluded from coverage in the general industry standard for lead by section 5198(a)(2) is covered by this standard. Construction work is defined as work for construction, alteration and/or repair, including painting and decorating. It includes but is not limited to the following [applicable portions in bold text]:

- (1) Demolition or salvage of structures where lead or materials containing lead are present;
- (2) Removal or encapsulation of materials containing lead;
- (3) New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead;
- (4) Installation of products containing lead;
- (5) Lead contamination/emergency cleanup;
- (6) Transportation, disposal, storage, or containment of lead or materials containing lead on the site or location at which construction activities are performed, and
- (7) Maintenance operations associated with the construction activities described in this subsection.

California Health & Safety Code 17961 et al.

Deems a building to be in violation of state law if it contains lead hazards, and requires local enforcement agencies to enforce provisions related to lead hazards. Makes it a crime for a person to engage in specified acts related to lead hazard evaluation, abatement, and lead-related construction courses unless certified or accredited by the Department. Permits local enforcement agencies to order the abatement of lead hazards or issue a cease and desist order in response to lead hazards.

California Labor Code 6716 to 6717 Lead-Related Activities in Construction Work

Provides for the establishment of standards that protect the health and safety of employees who engage in lead-related construction work, including construction, demolition, renovation and repair.

California Code of Regulations, Title 17, Section 35001

Includes requirements for lead hazard evaluation and abatement activities, accreditation of training providers, and certification of individuals engaged in lead-based paint activities.