

HAZARDOUS MATERIAL REPORTS
FOR
SUNSET CENTER
AND
HARRISON MEMORIAL LIBRARY
CARMEL-BY-THE-SEA



March 31, 2022

Mr. Cleve J. Waters
City of Carmel by the Sea
Carmel Public Works
Facilities Maintenance Division Supervisor
831.620.2075 (c)

Via email:
cwaters@ci.carmel.ca.us

Re: Limited Exterior Asbestos and Lead Inspection for the Exterior Painting Project at the Sunset Center Located on San Carlos Street in Carmel, California.
M³ Project No. 22089.0 Task 1

Dear Mr. Waters:

At your request, M³ Environmental LLC (M³) conducted a limited exterior inspection for suspect asbestos-containing material (ACM) and lead containing paint (LCP) at the Sunset Center located on San Carlos Street in Carmel, California. It is to M³'s understanding that the sampling was requested prior to repainting the exterior and repairing windows on portions of the main building (north and theater buildings) and two outbuildings (Yoga Shala and Harriet Roundtree cottage).

The inspection was performed on March 16, 2022, by Mr. Alex Superko, Certified Site Surveillance Technician (CSST) No. 13-5062, California Department of Public Health (CDPH) Certified Lead in Construction Sampling Technician No. 7864, and Environmental Technician with M³, under the direction of Mr. Chris Gatward, CAC No. 92-0216, and Principal of M³.

The asbestos inspection was performed to meet the requirements of the Monterey Bay Air Resources District (MBARD) and the California Occupational Safety and Health Administration (Cal-OSHA) asbestos construction standard. The lead inspection was performed to meet the requirements of the Cal/OSHA lead standard and EPA disposal requirements.

Building Description

Main Building

The subject building was a multi-story, wood framed theater building. The exterior was stucco with a composition shingle roof. While the building is one contiguous structure sampling was collected independently from exteriors of the North Main Building and the Theater Building (South Main Building).

~~*Yoga Shala by the Sea*~~

~~The subject building was a single-story, wood framed, public building. The exterior was clapboard wood siding with a composition shingle roof.~~

~~*Harriet Roundtree Cottage*~~

~~The subject building was a two-story, wood framed, public building. The exterior was clapboard wood siding with a composition shingle roof.~~

Sampling and Analysis

Asbestos

A total of 31 ACM bulk samples were collected and analyzed by PLM using the EPA Method (600/R-93/116, July 1993) "Method for the Determination of Asbestos in Bulk Building Materials". Results of analysis are presented as estimated percentages of asbestos by type (e.g., amosite, chrysotile, crocidolite), as well as types of non-asbestos fibrous materials identified or non-detect (ND).

Lead

A total of 48 paint chip samples was collected and analyzed for lead. The sample was analyzed in accordance with EPA Method-SW 846-7420 FAA. Results are presented in percent lead by weight (wt%) for paint, parts per million (ppm) for bulk, and below the reporting limit (BRL) if non-lead containing.

All samples were analyzed by EMC Labs, Inc. in Phoenix, Arizona. The laboratory results of the materials sampled during the field investigation are included in Appendix A. The sample location map from the materials sampled during the investigation are included in Appendix B.

Results

Asbestos

North Main Building

Material No.	Material Description	Material Location	Asbestos Content
2	Window putty	Exterior	2%

Non-Asbestos

North Main Building

Material No.	Material Description	Material Location
1	Stucco	Exterior
3	Door frame caulk	Exterior

Lead

North Main Building

Sample No.	Color	Substrate	Component	Lead Content
L2	Brown	Wood	Exterior window	0.288
L3	Brown	Wood	Exterior window frame	5.81
L5	Brown	Wood	Exterior door frame	18.5
L7	Brown	Wood	Exterior pillar	6.16
L8	Brown	Wood	Exterior beam	12.1
L9	Brown	Wood	Exterior eave	3.82
L10	Light brown	Wood	Exterior window	0.305
L11	Light brown	Wood	Exterior window frame	0.176
L12	Light brown	Wood	Exterior pillar	35.6
L13	Light brown	Wood	Exterior beam	21.2
L14	Light brown	Metal	Downspout	0.236
L15	Tan	Concrete	Exterior ramp	12.0

Non-Lead

North Main Building

Sample No.	Color	Substrate	Component	Lead Content
L1	Tan	Stucco	Exterior wall	BRL
L4	Brown	Wood	Exterior door	BRL
L6	Black	Metal	Banister	BRL
L16	Tan	Metal	Rollup	BRL
L17	Brown	Wood	Garage door	BRL

Conclusions/Recommendations

Asbestos

- Prior to renovation activities that will impact the materials identified in this report as containing or assumed asbestos containing at any level the materials must be removed and disposed of by a registered asbestos abatement contractor using proper engineering controls and worker protection.
- If any other suspect ACM not identified in this report is found during any renovation or demolition, work should cease, and additional sampling and analysis should be performed to determine if the materials contain asbestos.
- Contractors and others responsible for any renovation or demolition activities on the property should be notified as to the presence of the asbestos so that compliance with regulatory requirements may be met in any planning and bidding phases.
- Abatement contractors must notify the nearest Cal/OSHA district office at least 24 hours prior to any asbestos related work.
- Notification to the appropriate Planning and Building Department advising that this survey has been conducted.

Lead

- Prior to impacting any painted components determined to be lead containing, all flaking, peeling paint should be removed and disposed of from a licensed abatement contractor using CDPH certified workers using protection and proper engineering controls. All other paint/materials in good condition may remain in place during renovation or demolition.
- Lead related activities shall not include the use of wire brushing, flame torching, dry scraping, sanding, stripping, abrasive methods, or the use of heat guns unless proper engineering controls and worker protection are in place.
- At the time of removal of any LCP, samples of the lead containing/contaminated waste should be collected and analyzed by the TTLC, STLC, and TCLP in order to determine whether wastes are classified as non-hazardous solid or hazardous waste in California or as defined under the RCRA before transportation and disposal to either a Class I, II, or III landfill.
- Contractors bidding for renovation work should be compliant with the requirements of the Cal/OSHA Lead in Construction Standard (Title 8 CCR 1532.1).

Limitations

A reasonable effort is made by M* personnel to locate and sample suspect materials. However, for any facility the existence of unique or concealed hazardous material debris is a possibility. M³ does not warrant,

guarantee or profess to have the ability to locate or identify all hazardous material in a facility. M*'s hazardous material testing, results are applicable for the time that testing was conducted and for the condition of surfaces at the time they were tested. During demolition/renovation operations, materials may be uncovered which were not identified during our assessment. Personnel in charge of demolition/renovations should be alerted to note materials uncovered during these operations, which differ substantially from those included in this assessment. M* does not guarantee or warrant that the areas surveyed are safe, nor does M*'s involvement in this property relieve the Owner of any continuing responsibility of providing a safe environment. M* is not, and has no responsibility as a generator, operator, treater, storer, transporter or disposer of hazardous materials or waste found or identified as a result of M*'s work.

Thank you for the opportunity to perform these services for you. Please call M* at 631.649.4623 with any questions.

Sincerely,
M* Environmental LLC



Alex Superko
Environmental Technician
CSST No. 13-5062
CDPH No. 7864



Chris Gatward
Principal
California CAC No. 92-0216

Attachments:

Appendix A — Laboratory Results and Chain of Custody
Appendix B — Sample Location Maps

APPENDIX A

LABORATORY RESULTS



EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0269967

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: M3 ENVIRONMENTAL CONS. Job# / P.O. #: 22089.0 T1
Address: 9821 BLUE LARKSPUR LN, STE 100 Date Received: 03/17/2022
MONTEREY CA 93940 Date Analyzed: 03/24/2022
Collected: 03/16/2022 Date Reported: 03/24/2022
Project Name: CITY OF CARMEL-NORTH MAIN BLDG EPA Method: EPA 600/R-93/116
Address: EXTERIOR ACM/Pb Submitted By: ALEX SUPERKO
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0269967-001 1A	EXTERIOR	LAYER 1 Stucco, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
		LAYER 2 Texture, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 1 Stucco, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
		LAYER 2 Texture, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0269967-002 1B	EXTERIOR	LAYER 1 Stucco, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
		LAYER 2 Texture, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 1 Stucco, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
		LAYER 2 Texture, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
0269967-003 1C	EXTERIOR	LAYER 1 Stucco, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
		LAYER 2 Texture, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%
		LAYER 1 Stucco, Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
		LAYER 2 Texture, Off White	No	None Detected	Carbonates Quartz Gypsum Binder/Filler 100%

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	MONTEREY CA 93940	Date Analyzed:	03/24/2022
Collected:	03/16/2022	Date Reported:	03/24/2022
Project Name:	CITY OF CARMEL-NORTH MAIN BLDG	EPA Method:	EPA 600/R-93/116
Address:	EXTERIOR ACM/Pb	Submitted By:	ALEX SUPERKO
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0269967-004 2A	EXTERIOR	Window Putty, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0269967-005 2B	EXTERIOR	Window Putty, Off White	Yes	Chrysotile 2%	Carbonates Quartz Binder/Filler 98%
0269967-006 2C	EXTERIOR	Window Putty, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0269967-007 2D	EXTERIOR	Window Putty, Off White	Yes	Chrysotile 2%	Carbonates Quartz Binder/Filler 98%
0269967-008 2E	EXTERIOR	Window Putty, Off White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0269967-009 3A	EXTERIOR	Door Frame Caulk, Clear	No	None Detected	Silicone 100%
0269967-010 3B	EXTERIOR	Door Frame Caulk, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

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0269967

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NVLAP#101926-0

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Address:	9821 BLUE LARKSPUR LN, STE 100	Date Received:	03/17/2022
	MONTEREY CA 93940	Date Analyzed:	03/24/2022
Collected:	03/16/2022	Date Reported:	03/24/2022
Project Name:	CITY OF CARMEL-NORTH MAIN BLDG	EPA Method:	EPA 600/R-93/116
Address:	EXTERIOR ACM/Pb	Submitted By:	ALEX SUPERKO
		Collected By:	

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents



Analyst - Dustin White



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.



9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-893-1726
 emclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L90398		DATE RECEIVED: 03/17/22	
CLIENT: M3 Environmental Consultants		REPORT DATE: 03/24/22	
		DATE OF ANALYSIS: 03/23/22	
CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel – North Main Building – Exterior ACM/Pb		PROJECT NO.: 22089.0 – T1	

EMC # L90398-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	03/16	L1	Tan – Stucco – Wall – N. Main E.	0.018	BRL
2	03/16	L2	Brown – Wood – Window – N. Main E.	0.041	0.388
3	03/16	L3	Brown – Wood – Window Frame – N. Main E.	0.27	5.81 [^]
4	03/16	L4	Brown – Wood – Door – N. Main E.	0.090	BRL
5	03/16	L5	Brown – Wood – Door Frame – N. Main E.	0.28	18.5 [^]
6	03/16	L6	Black – Metal – Banister – N. Main E.	0.043	BRL

[^] = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

This report applies to the standards or procedures identified and to the samples tested only. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. Unless otherwise noted, all quality control analyses for the samples noted above were within acceptable limits.

Where it is noted that a sample with excessive substrate was submitted for laboratory analysis, such analysis may be biased. The lead content of such sample may, in actuality, be greater than reported. EMC makes no warranty, express or implied, as to the accuracy of the analysis of samples noted to have been submitted with excessive substrate. Resampling is recommended in such situations to verify original laboratory results. EMC Labs, Inc. (ID 101586) is accredited by the AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) in the Environmental Lead accreditation program(s) for Paint, Settled Dust by Wipe, Soil and Airborne Dust Fields of Testing as documented by the Scope of Accreditation Certificate and associated Scope. AIHA-LAP, LLC accreditation complies with the ISO/IEC Standard 17025:2017 requirements. The customer provides the Project number, name, address, sampling date, identification, and description. EMC Labs, Inc. is an EPA Recognized Testing Lab.

These reports are for the exclusive use of the addressed client and are rendered upon the condition that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. Samples not destroyed in testing are retained a maximum of sixty (60) days.

ANALYST: 
 Jason Thompson

QA COORDINATOR: 
 Kurt Kettler



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		DATE OF ANALYSIS: 03/23/22	
CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel – North Main Building – Exterior ACM/Pb		PROJECT NO.: 22089.0 – T1	

EMC # L90398-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
7	03/16	L7	Brown – Wood – Pillar – N. Main E.	0.068	6.16
8	03/16	L8	Brown – Wood – Beam – N. Main E.	0.60	12.1 [^]
9	03/16	L9	Brown – Wood – Eave – N. Main E.	0.031	3.82
10	03/16	L10	Light Brown – Wood – Window – N. Main E.	0.016	0.305
11	03/16	L11	Light Brown – Wood – Window Frame – N. Main E.	0.035	0.176
12	03/16	L12	Light Brown – Wood – Pillar – N. Main E.	1.1	35.6 ^{^^}

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CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel – North Main Building – Exterior ACM/Pb		PROJECT NO.: 22089.0 – T1	

EMC # L90398-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
13	03/16	L13	Light Brown – Wood – Beam – N. Main E.	0.19	21.2^
14	03/16	L14	Light Brown – Metal – Downspout – N. Main E.	0.043	0.236
15	03/16	L15	Tan – Concrete – Ramp – N. Main E.	0.020	0.027
16	03/16	L16	Tan – Metal – Rollup – N. Main E.	0.083	BRL
17	03/16	L17	Brown – Wood – Garage Door – N. Main E.	0.033	BRL

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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ANALYST: 
 Jason Thompson

QA COORDINATOR: 
 Kurt Kettler

CHAIN OF CUSTODY

EMC Labs, Inc.
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 290398
TAT: 5 day
Rec'd: 3/17/22

COMPANY NAME: **M3 Environmental Cons.**

BILL TO: (If Different Location)

9821 Blue Larkspur Ln, Ste 100

Monterey, CA 93940

CONTACT:

Alex Superko

Phone/Fax: 1st/2nd:

(831) 917-0797 / (831) 649-4623

Email:

Alex @m3environmental.com

Now Accepting: **VISA – MASTERCARD**

Price Quoted: \$ ____ / Sample \$ ____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)**1. TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]**3. DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: City of Carmel - North Main Building - Exterior ACM/Pb

P.O. Number: _____

Project Number: 22089.0 - T1

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
1-12	U - U17	3/16/22		<u>Y</u> N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			

PLEASE SEE THE ATTACHED LOG

ACM 12Pb (12)**SPECIAL INSTRUCTIONS:**Sample Collector: (Print) Alex Superko(Signature) [Signature]Relinquished by: [Signature] Date/Time: 3/16/22 Received by: [Signature] Date/Time: 3/17/22Relinquished by: [Signature] Date/Time: 3/16/22 Received by: [Signature] Date/Time: 3/19/22

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

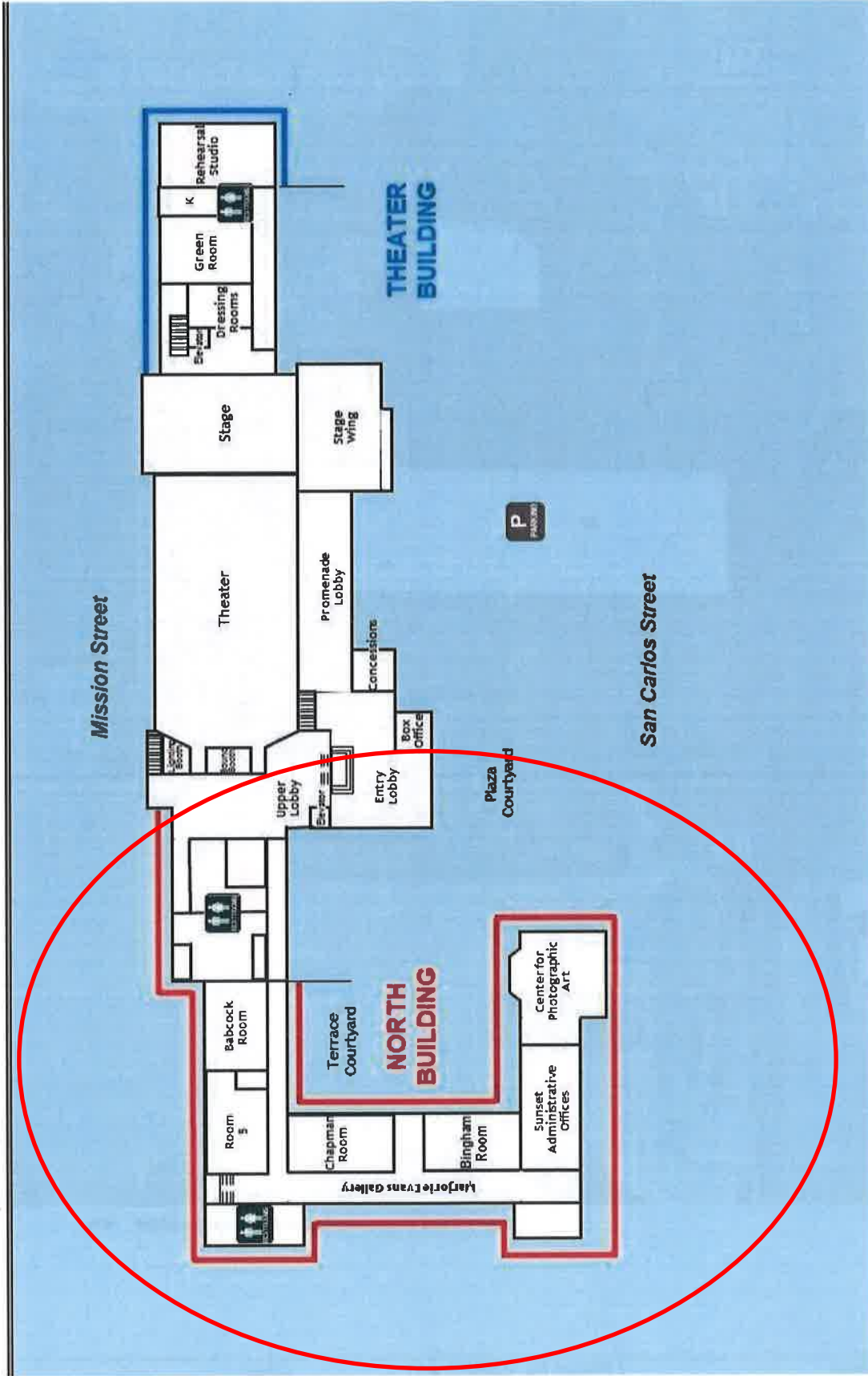
APPENDIX B
SAMPLE LOCATION MAP





Site Map

Hazardous Materials Testing Areas



Client: City of Camel	Project No. 22089.0 - T1	Key:	M ³
Project Name: Exterior Lead and Asbestos	Date: February 3/16/22	Asbestos sample	1A
Location: Sunset Center		Lead sample	L1
Floor: Main Building (North and South)		Positive material	1A L1

ENVIRONMENTAL LLC



June 16, 2022

Mr. Cleve J. Waters
City of Carmel by the Sea
Carmel Public Works
Facilities Maintenance Division Supervisor
831.620.2075 (c)

Via email:
cwaters@ci.carmel.ca.us

Re: Limited Asbestos and Lead Inspection for the Painting Project at the Harrison Library
Located on Ocean and Lincoln Street in Carmel, California.
M³ Project No. 22207.0 Task 1

Dear Mr. Waters:

At your request, M³ Environmental LLC (M³) conducted a limited interior and exterior inspection for suspect asbestos-containing material (ACM) and lead containing paint (LCP) at the Harrison Library located on Ocean Avenue and Lincoln Street in Carmel, California. It is to M³'s understanding that the sampling was requested prior to repainting the interior and exterior of the building. At your request sampling was limited to materials that may be impacted by the painting process.

The inspection was performed on June 2, 2022, by Mr. Alex Superko, Certified Site Surveillance Technician (CSST) No. 13-5062, California Department of Public Health (CDPH) Certified Lead in Construction Sampling Technician No. 7864, and Environmental Technician with M³, under the direction of Mr. Chris Gatward, CAC No. 92-0216, and Principal of M³.

Building Description

The subject building was a two-story, wood framed library with a basement. Interior finishes included plaster, wallboard with joint compound (WB/JC), vinyl floor tiles (VFT), and carpet. The exterior was stucco with a Spanish tile roof.

Sampling and Analysis

Asbestos

A total of 10 ACM bulk samples were collected and analyzed by PLM using the EPA Method (600/R-93/116, July 1993) "Method for the Determination of Asbestos in Bulk Building Materials". Results of analysis are presented as estimated percentages of asbestos by type (e.g., amosite, chrysotile, crocidolite), as well as types of non-asbestos fibrous materials identified or non-detect (ND).

Lead

A total of 45 paint chip samples was collected and analyzed for lead. The sample was analyzed in accordance with EPA Method-SW 846-7420 FAA. Results are presented in percent lead by weight (wt%) for paint, parts per million (ppm) for bulk, and below the reporting limit (BRL) if non-lead containing.

All samples were analyzed by EMC Labs, Inc. in Phoenix, Arizona. The laboratory results of the materials sampled during the field investigation are included in Appendix A. The sample location map from the materials sampled during the investigation are included in Appendix B.

Results

Asbestos

None of the materials collected were determined to contain detectable concentrations of asbestos.

Non-Asbestos

Material No.	Material Description	Material Location
1	Window putty	Exterior
2	Stucco	Exterior

Lead

Sample No.	Color	Substrate	Component	Lead Content
L1	Tan	Plaster	Interior wall	0.133
L2	Tan	Wood	Interior door	0.412
L3	Tan	Wood	Interior door	0.819
L4	Tan	Wood	Interior window	0.314
L5	Tan	Wood	Interior window frame	0.305
L6	Tan	Metal	Fire extinguisher box	0.032
L7	Tan	Metal	Pipe	0.050
L8	Tan	Wood	Baseboard	0.145
L9	Tan	Wood	Shelving	0.045
L13	Brown	Wood	Cabinetry	0.094
L14	Brown	Wood	Baseboard	0.317
L15	Tan	Wood	Cabinetry	0.170
L17	Tan	Plaster	Fireplace	0.506
L18	Brown	Wood	Window frame	0.609
L19	Light brown	Wood	Beam	0.654
L23	Light brown	Wood	Post	1.58
L24	Tan	Metal	Grate	0.383
L25	Brown	Wood	Door frame	2.23
L27	Green	Wood	Exterior beam	2.44
L28	Blue	Wood	Exterior beam	1.49
L29	Red	Wood	Exterior post	17.1
L30	Off-white	Wood	Exterior rail	0.036
L32	Black	Wood	Exterior Post	4.66
L33	Tan	Wood	Exterior door	1.38
L34	Tan	Wood	Exterior door frame	3.17
L35	Tan	Stucco	Exterior wall	0.059
L36	Tan	Wood	Exterior window	1.31
L37	Tan	Wood	Exterior window frame	1.88
L38	Tan	Metal	Exterior downspout	0.422
L39	Black	Metal	Exterior rail	5.21
L40	Light blue	Wood	Exterior window	1.27
L41	Light blue	Wood	Exterior window trim	0.631
L42	Tan	Metal	Exterior pipe	0.124
L43	Blue	Wood	Exterior door	3.91
L45	Off-white	Wood	Exterior flagpole	3.70

Non-Lead

Sample No.	Color	Substrate	Component	Lead Content
L10	Tan	Metal	Dumbwaiter	BRL
L11	Tan	Metal	Dumbwaiter trim	BRL
L12	Black	Metal	Handrail	BRL
L16	Light brown	Plaster	Fireplace	BRL
L20	Off-white	Wood	Ceiling	BRL
L21	Light brown	Metal	Pipe	BRL
L22	Tan	Wb/JC	Wall	BRL
L26	Off-white	WB/JC	Wall	BRL
L31	Off-white	Wood	Exterior Deck	BRL
L44	Tan	Wood	Exterior beam	BRL

Conclusions/Recommendations

Asbestos

- None of the materials tested were determined to contain detectable concentrations of asbestos.
- No further action is required.
- If any other suspect ACM not identified in this report is found during any renovation or demolition, work should cease, and additional sampling and analysis should be performed to determine if the materials contain asbestos.

Lead

- Prior to impacting any painted components determined to be lead containing, all flaking, peeling paint should be removed and disposed of from a licensed abatement contractor using CDPH certified workers using protection and proper engineering controls. All other paint/materials in good condition may remain in place during renovation or demolition.
- Lead related activities shall not include the use of wire brushing, flame torching, dry scraping, sanding, stripping, abrasive methods, or the use of heat guns unless proper engineering controls and worker protection are in place.
- At the time of removal of any LCP, samples of the lead containing/contaminated waste should be collected and analyzed by the TTLC, STLC, and TCLP in order to determine whether wastes are classified as non-hazardous solid or hazardous waste in California or as defined under the RCRA before transportation and disposal to either a Class I, II, or III landfill.
- Contractors bidding for renovation work should be compliant with the requirements of the Cal/OSHA Lead in Construction Standard (Title 8 CCR 1532.1).

Limitations

A reasonable effort is made by M³ personnel to locate and sample suspect materials. However, for any facility the existence of unique or concealed hazardous material debris is a possibility. M³ does not warrant, guarantee or profess to have the ability to locate or identify all hazardous material in a facility. M³'s hazardous material testing, results are applicable for the time that testing was conducted and for the condition of surfaces at the time they were tested. During demolition/renovation operations, materials may be uncovered which were not identified during our assessment. Personnel in charge of demolition/renovations should be alerted to note materials uncovered during these operations, which differ substantially from those included in this assessment. M³ does not guarantee or warrant that the areas surveyed are safe, nor does M³'s involvement in this property relieve the Owner of any continuing responsibility of providing a safe environment. M³ is not, and has no responsibility as a generator, operator, treater, storer, transporter or disposer of hazardous materials or waste found or identified as a result of M³'s work.

Thank you for the opportunity to perform these services for you. Please call M³ at 831.649.4623 with any questions.

Sincerely,
M³ Environmental LLC



Alex Superko
Environmental Technician
CSST No. 13-5062
CDPH No. 7864



Chris Gatward
Principal
California CAC No. 92-0216

Attachments:

Appendix A – Laboratory Results and Chain of Custody
Appendix B – Sample Location Maps

APPENDIX A
LABORATORY RESULTS
AND
CHAIN OF CUSTODY

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0273951

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: M3 ENVIRONMENTAL CONS. Job# / P.O. #: 22207.0 T1
Address: 9821 BLUE LARKSPUR LN, STE 100 Date Received: 06/03/2022
MONTEREY CA 93940 Date Analyzed: 06/08/2022
Collected: 06/02/2022 Date Reported: 06/08/2022
Project Name: CITY OF CARMEL-OCEAN & LINCOLN ST. EPA Method: EPA 600/R-93/116
Address: CARMEL-LTD ACM/Pb PAINTING Submitted By: ALEX SUPERKO
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0273951-001 1A	EXTERIOR	Window Putty, Beige/ Gray	No	None Detected	Cellulose Fiber 65% Carbonates Gypsum Binder/Filler 35%
0273951-002 1B	EXTERIOR	Window Putty, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0273951-003 1C	EXTERIOR	Window Putty, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0273951-004 1D	EXTERIOR	Window Putty, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0273951-005 1E	EXTERIOR	Window Putty, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0273951-006 1F	EXTERIOR	Window Putty, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%
0273951-007 1G	EXTERIOR	Window Putty, White/ Tan	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

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Laboratory Report
0273951

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Project Name: CITY OF CARMEL-OCEAN & LINCOLN ST. EPA Method: EPA 600/R-93/116
Address: CARMEL-LTD ACM/Pb PAINTING Submitted By: ALEX SUPERKO
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0273951-008 2A	EXTERIOR	Stucco, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0273951-009 2B	EXTERIOR	Stucco, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0273951-010 2C	EXTERIOR	Stucco, Beige/ Gray	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%


Analyst - Dustin White


Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.



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LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L91670		DATE RECEIVED: 06/03/22	
CLIENT: M3 Environmental Consultants		REPORT DATE: 06/08/22	
		DATE OF ANALYSIS: 06/07/22	
CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	06/02	L1	Tan / Plaster / Wall / I	0.050	0.133
2	06/02	L2	Tan / Wood / Door / I	0.021	0.412
3	06/02	L3	Tan / Wood / Door Frame / I	0.019	0.819
4	06/02	L4	Tan / Wood / Window / I	0.031	0.314
5	06/02	L5	Tan / Wood / Window Frame / I	0.010	0.305
6	06/02	L6	Tan / Metal / Fire Extinguisher Box / I	0.020	0.032

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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ANALYST:

Jason Thompson

QA COORDINATOR:

Kurt Kettler



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PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
7	06/02	L7	Tan / Metal / Pipe / I	0.023	0.050
8	06/02	L8	Tan / Wood / Baseboard / I	0.025	0.145
9	06/02	L9	Tan / Wood / Shelving / I	0.029	0.045
10	06/02	L10	Tan / Metal / Dumb Waiter / I	0.067	BRL
11	06/02	L11	Tan / Metal / Dumb Waiter Trim / I	0.096	BRL
12	06/02	L12	Black / Metal / Hand Rail / I	0.068	BRL

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CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
13	06/02	L13	Brown / Wood / Cabinetry / I	0.076	0.094
14	06/02	L14	Brown / Wood / Baseboard / I	0.064	0.317
15	06/02	L15	Tan / Wood / Cabinetry / I	0.064	0.170
16	06/02	L16	Light Brown / Plaster / Fireplace / I	0.048	BRL
17	06/02	L17	Tan / Plaster / Fireplace / I	0.072	0.506
18	06/02	L18	Brown / Wood / Window Frame / I	0.048	0.609

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EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

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		DATE OF ANALYSIS: 06/07/22	
CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
19	06/02	L19	Light Brown / Wood / Beam / I	0.048	0.654
20	06/02	L20	Off-White / Wood / Ceiling / I	0.065	BRL
21	06/02	L21	Light Brown / Metal / Pipe / I	0.022	BRL
22	06/02	L22	Tan / WB/JC / Wall / I	0.077	BRL
23	06/02	L23	Light Brown / Wood / Post / I	0.071	1.58
24	06/02	L24	Tan / Metal / Grate / I	0.025	0.383

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EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

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PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
25	06/02	L25	Brown / Wood / Door Frame / I	0.060	2.33
26	06/02	L26	Off-White / WB/JC / Wall / I	0.073	BRL
27	06/02	L27	Green / Wood / Beam / E	0.15	2.44^
28	06/02	L28	Blue / Wood / Beam / E	0.033	1.49
29	06/02	L29	Red / Wood / Post / E	0.42	17.1^
30	06/02	L30	Off-White / Wood / Rail / E	0.020	0.036

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LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L91670		DATE RECEIVED: 06/03/22	
CLIENT: M3 Environmental Consultants		REPORT DATE: 06/08/22	
		DATE OF ANALYSIS: 06/07/22	
CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940		P.O. NO.:	
PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
31	06/02	L31	Off-White / Wood / Deck / E	0.156	BRL
32	06/02	L32	Black / Wood / Post / E	0.10	4.66^
33	06/02	L33	Tan / Wood / Door / E	0.020	1.38
34	06/02	L34	Tan / Wood / Door Frame / E	0.036	3.17
35	06/02	L35	Tan / Stucco / Wall / E	0.057	0.059
36	06/02	L36	Tan / Wood / Window / E	0.015	1.31

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ANALYST:

Jason Thompson

QA COORDINATOR:

Kurt Kettler



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 emclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L91670			DATE RECEIVED: 06/03/22		
CLIENT: M3 Environmental Consultants			REPORT DATE: 06/08/22		
			DATE OF ANALYSIS: 06/07/22		
CLIENT ADDRESS: 9821 Blue Larkspur Ln, Ste 100 Monterey, CA 93940			P.O. NO.:		
PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting			PROJECT NO.: 22207.0 -T1		

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
37	06/02	L37	Tan / Wood / Window Frame / E	0.10	1.88^
38	06/02	L38	Tan / Metal / Downspout / E	0.114	0.422
39	06/02	L39	Black / Metal / Rail / E	0.053	5.21
40	06/02	L40	Light Blue / Wood / Window / E	0.020	1.27
41	06/02	L41	Light Blue / Wood / Window Trim / E	0.018	0.631
42	06/02	L42	Tan / Metal / Pipe / E	0.030	0.124

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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PROJECT NAME: City of Carmel -Ocean and Lincoln St., Carmel -Ltd. ACM/Pb Painting		PROJECT NO.: 22207.0 -T1	

EMC # L91670-	SAMPLE DATE /22	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
43	06/02	L43	Blue / Wood / Door / E	0.030	3.91
44	06/02	L44	Tan / Wood / Beam / E	0.107	BRL
45	06/02	L45	Off-White / Wood / Flagpole / E	0.28	3.70^

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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ANALYST:

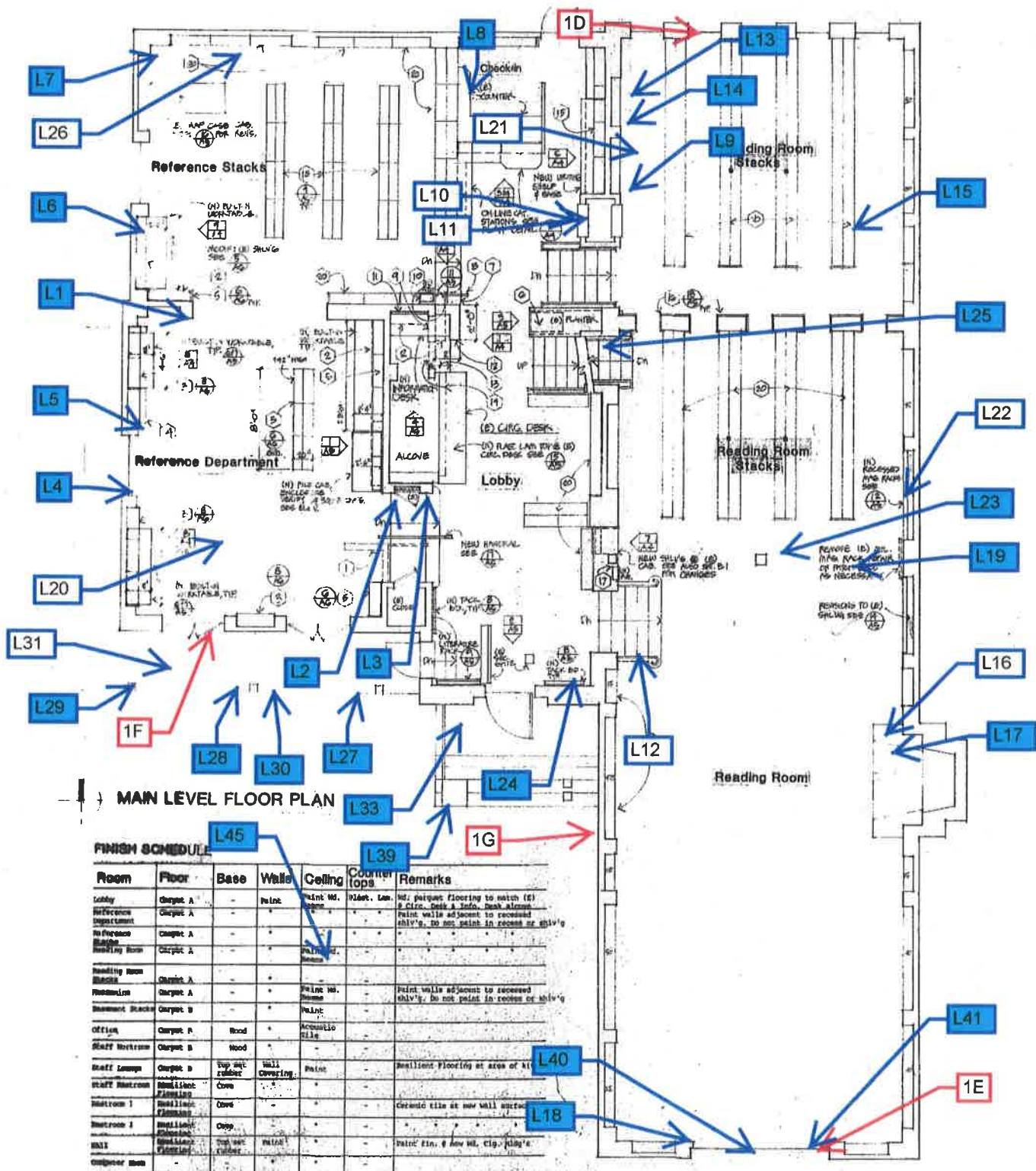
Jason Thompson

QA COORDINATOR:

Kurt Kettler

APPENDIX B

SAMPLE LOCATION MAPS



Client: City of Carmel
 Project Name: ACM/Pb Reno
 Location: Harris Library
 Floor: Upstairs

Project No. 22207.0 - T1
 Date: 6/2/22

Key:
 Asbestos sample
 Lead sample
 Positive material

1A
 L1
 1A
 L1

M³
 ENVIRONMENTAL LLC

