

Appendix A

Hazardous Materials Sampling Data and Abatement Report



September 2, 2026

Jason B. Garrison
CHST®, CAC, CDPH I/A
Environmental Program Manager
Environmental Department-Capital Programs
1401 Lakeside Drive, 10th floor
Oakland, CA 94612

**Re: Soil Analytical Results
Whitecotton Cottage NOA Sampling
15400 Foothill Blvd,
San Leandro, CA 94578
ACC Project Number: 2062-327.00**

Dear Jason Garrison,

This report presents soil analytical results obtained by ACC Environmental Consultants, Inc. (ACC) at Whitecotton Cottage located at 15400 Foothill Blvd, in San Leandro, California (the Site). The purpose of this investigation was to assess the potential presence of naturally occurring asbestos (NOA) in soils at the Site in preparation for an upcoming renovation project. The Project Area and sampling locations are shown on the attached Figure 1.

A previous sampling event was conducted on August 12, 2018, by Terracon Consultants, Inc (Terracon). Six soil samples were collected from ground surface up to 1.0 feet below ground surface (ft bgs) and analyzed by Asbestos TEM Laboratories, Inc. (ATL) in Berkeley, California using CARB Method 435. No asbestos was detected above the 0.25% reporting limit. Laboratory reports and chains-of-custody are attached as Appendix A.

ACC contacted ATL on August 12, 2026 to discuss the 2018 asbestos results. ATL confirmed that no trace concentrations (<0.25%) of asbestos were observed based on laboratory report (i.e. according to ATL the lab report would clearly note if trace(s) of asbestos [<0.25%] were observed in the samples).

SAMPLING METHODOLOGY

On August 12, 2026, ACC advanced six soil borings at representative on-site locations to depths

Office Locations

Oakland, California (HDQ) | Los Angeles, California | Vancouver, Washington
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of approximately 6.0 feet below ground surface (ft bgs) via a hand auger. Samples were collected by Davis Leach, Project Manager (PM), and by Ian Sutherland, Professional Geologist (PG). Soil sampling locations and depths were determined after ACC had reviewed architectural drawings for the Whitcotton Cottage Rehabilitation Project dated June 11, 2026 from Page & Turnbull, which includes soil disturbance related to grading, landscaping, and installation of an elevator.

Sample locations are shown on the attached Figure 1. Samples were collected from the first six inches of soil beneath landscaping (ACCB4-0.5 and ACCB5-0.5), 2.0 ft bgs (ACCB1-2, ACCB2-2 and ACCB3-3), and from 6.0 ft bgs (ACCB1-6 and ACCB2-6). Soil borings were backfilled to surface grade with soil cuttings subsequent to sampling.

Samples were transferred from the hand auger barrel to new sealable plastic baggies. Subsequent to sample collection, the baggies were labeled and shaken to homogenize soil samples. Six soil samples were delivered to a McCampbell Analytical Laboratory, Inc., a California Department of Public Health (DPH)-certified laboratory following chain-of-custody protocol. Soil sample identification numbers include the corresponding soil boring ID and approximate depth from which the sample was collected.

SOIL ANALYTICAL RESULTS

Samples were delivered to McCampbell Analytical Laboratory, Inc. in Pittsburg, California (Environmental Laboratory Accreditation Program [ELAP] #1644). The complete laboratory reports and chains-of-custody are attached as Appendix A.

Samples were analyzed discretely for asbestos by analytical method CARB 435.

Asbestos was not detected in soil with a reporting limit of 0.25%. Trace concentrations of asbestos (<0.25%) were not observed and not noted in the lab report.

CONCLUSIONS & RECOMMENDATIONS

Data indicate that soils within the project area do not contain observable or detectable concentrations of asbestos. Available asbestos results for soil within the Project Area do not trigger CCR Title 8, Section 1524. No further assessment of asbestos in soil within the Project Area is recommended by ACC.

Should soil disturbance activities exceed the limits shown in the June 11, 2026 architectural plans, ACC advises conducting further soil evaluations for NOA before soil work begins.

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We appreciate the opportunity to assist you with this project. If you have any questions regarding this report please contact (510) 638-8400 x110 or isutherland@accenv.com.

Sincerely,
ACC ENVIRONMENTAL CONSULTANTS, INC.



Ian Sutherland, PG
Northern California Subsurface Program Manager

Attachments:

Figure 1 – Site Map with Project Area Sampling Locations

Appendix A – Laboratory Reports and Chains-of-Custody

LIMITATIONS

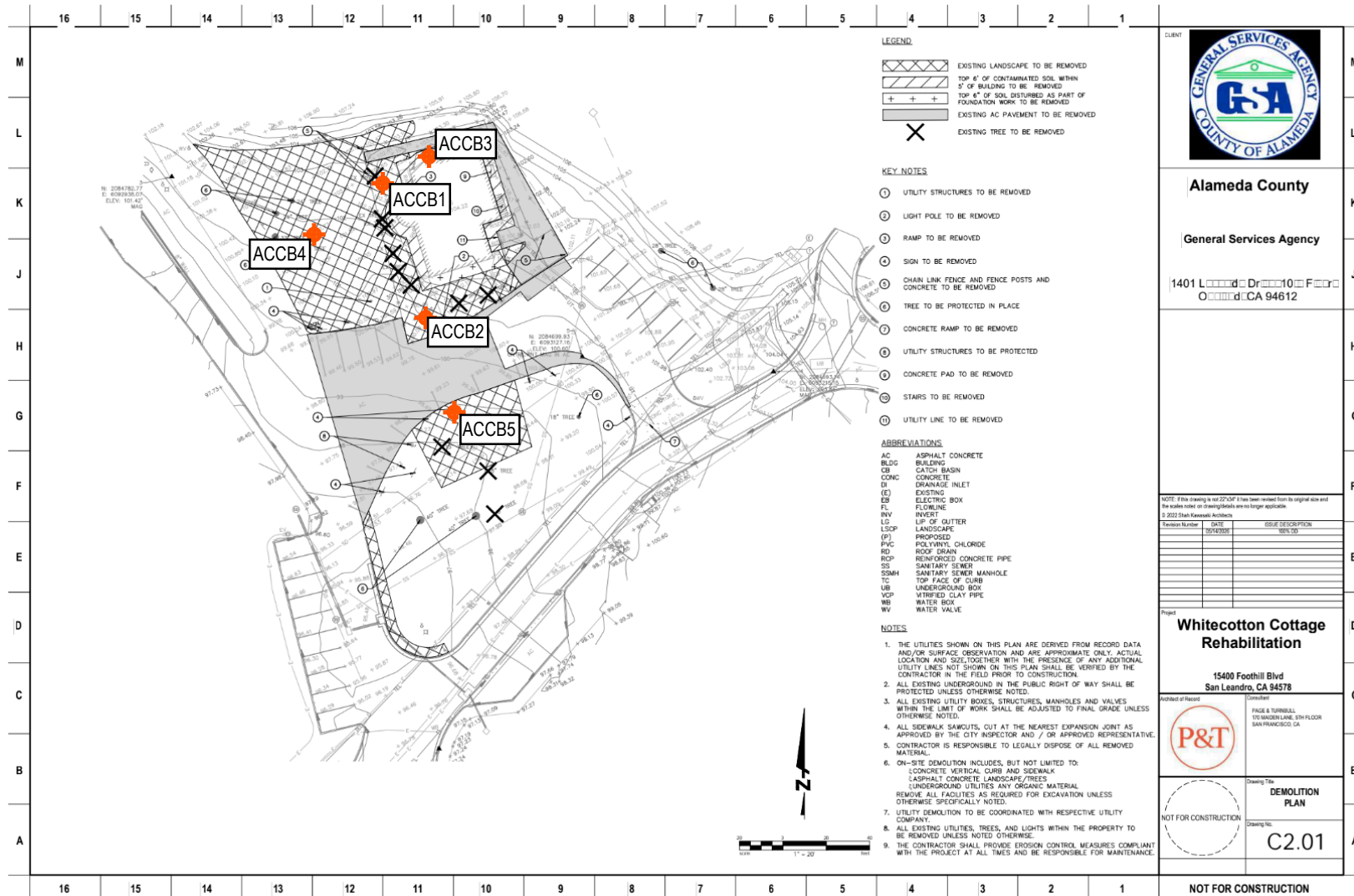
The service performed by ACC has been conducted in a manner consistent with the levels of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study. Site conditions and regulations could change over time.

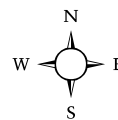
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FIGURE 1



SOIL SAMPLING LOCATIONS
Whitecotton Cottage NOA Sampling
15400 Foothill Blvd,
San Leandro, CA 94578



APPROXIMATE SCALE (FEET)

SEE FIGURE

ACC PROJECT: 2062-327.00

08.31.2026

FIGURE 1

ALL DIMENSIONS & LOCATIONS APPROXIMATED

APPENDIX A

LAB REPORT &
CHAIN-OF-CUSTODY



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2608946

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Ian Sutherland

Project P.O.:

Project: 2062-327.00; AC GSA Foothill Blvd

Project Location: 15400 Foothill Blvd San Leandro

Project Received: 08/13/2026

Analytical Report reviewed & approved for release on 08/20/2026 by:

Ana Venegas
Project Manager

McC Campbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.





Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc.

WorkOrder: 2608946

Project: 2062-327.00; AC GSA Foothill Blvd

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	The % recovery of Continuing Calibration Verification
DF	Dilution Factor
DISS	Dissolved (sample filtered using a 0.45 µm filter size)
DISTLC	Soluble Threshold Limit Concentration using DI water
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
HMI	ICPMS HMI= High Matrix Sample Introduction
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
MET	Modified Elutriate Test (Effluent Elutriate)
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL (if present) or RL.
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SET	Standard Elutriate Test (Open Water)

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc.

WorkOrder: 2608946

Project: 2062-327.00; AC GSA Foothill Blvd

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	Micro: "Too Numerous to Count;" greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)

Analytical Qualifiers

k10 CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.



Analytical Report

Client: ACC Environmental Consultants, Inc.
Date Received: 08/13/2026 17:30
Date Prepared: 08/17/2026
Project: 2062-327.00; AC GSA Foothill Blvd

WorkOrder: 2608946
Extraction Method: CARB 435 Asbestos
Analytical Method: CARB 435
Unit: %

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected			Instrument FileID	Batch ID
ACCB1-2	2608946-001A	Soil	08/12/2026 09:30			Microscope	348094

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Asbestos	ND	0.25	0.25	1	08/18/2026 13:30

Analyst(s): DA

Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected			Instrument FileID	Batch ID
ACCB1-6	2608946-002A	Soil	08/12/2026 10:24			Microscope	348094

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Asbestos	ND	0.25	0.25	1	08/18/2026 14:10

Analyst(s): DA

Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected			Instrument FileID	Batch ID
ACCB2-2	2608946-003A	Soil	08/12/2026 10:47			Microscope	348094

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Asbestos	ND	0.25	0.25	1	08/18/2026 14:30

Analyst(s): DA

Analytical Comments: k10

(Cont.)



Analytical Report

Client: ACC Environmental Consultants, Inc.
Date Received: 08/13/2026 17:30
Date Prepared: 08/17/2026
Project: 2062-327.00; AC GSA Foothill Blvd

WorkOrder: 2608946
Extraction Method: CARB 435 Asbestos
Analytical Method: CARB 435
Unit: %

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
ACCB2-6	2608946-004A	Soil	08/12/2026 11:00	Microscope	348094

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Asbestos	ND	0.25	0.25	1	08/18/2026 14:50

Analyst(s): DA

Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
ACCB3-2	2608946-005A	Soil	08/12/2026 10:58	Microscope	348094

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Asbestos	ND	0.25	0.25	1	08/18/2026 15:10

Analyst(s): DA

Analytical Comments: k10

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
ACCB4-0.5	2608946-006A	Soil	08/12/2026 11:07	Microscope	348094

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Asbestos	ND	0.25	0.25	1	08/18/2026 15:30

Analyst(s): DA

Analytical Comments: k10

(Cont.)



McC Campbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
<http://www.mccampbell.com> / E-mail: main@mccampbell.com

Analytical Report

Client: ACC Environmental Consultants, Inc.
Date Received: 08/13/2026 17:30
Date Prepared: 08/17/2026
Project: 2062-327.00; AC GSA Foothill Blvd

WorkOrder: 2608946
Extraction Method: CARB 435 Asbestos
Analytical Method: CARB 435
Unit: %

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
ACCB5-0.5	2608946-007A	Soil	08/12/2026 11:11	Microscope	348094

Analytes	Result	MDL	RL	DF	Date Analyzed
Asbestos	ND	0.25	0.25	1	08/18/2026 15:50

Analyst(s): DA

Analytical Comments: k10

McC Campbell Analytical, Inc.

1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262



CHAIN-OF-CUSTODY RECORD

WorkOrder: 2608946 ClientCode: ACCE

☐ WaterTrax ☐ CLIP

☐ EDF

☐ EquiS ☐ Dry-Weight

☒ Email

☐ HardCopy

☒ ThirdParty

☒ J-flag

☐ Detection Summary

☐ Excel

Report to:

Ian Sutherland
ACC Environmental Consultants, Inc.
7977 Capwell Drive, Suite 100
Oakland, CA 94621
510-638-8400 FAX: (510) 638-8404

Email: isutherland@accenv.com; kbunting@accenv.com
cc/3rd Party:
PO:

Project: 2062-327.00; AC GSA Foothill Blvd

Accounts Payable

ACC Environmental Consultants, Inc.

7977 Capwell Drive, Suite 100

Oakland, CA 94621

accenvap@bill.com

Bill to:

Requested TAT: 5 days;

Date Received: 08/13/2026

Date Logged: 08/13/2026

Lab ID ClientSampleID Matrix Collection Date

Requested Tests (See legend below)											
1	2	3	4	5	6	7	8	9	10	11	12

2608946-001	ACCB1-2	Soil	8/12/2026 09:30	☐	A	A					
2608946-002	ACCB1-6	Soil	8/12/2026 10:24	☐	A	A					
2608946-003	ACCB2-2	Soil	8/12/2026 10:47	☐	A	A					
2608946-004	ACCB2-6	Soil	8/12/2026 11:00	☐	A	A					
2608946-005	ACCB3-2	Soil	8/12/2026 10:58	☐	A	A					
2608946-006	ACCB4-0.5	Soil	8/12/2026 11:07	☐	A	A					
2608946-007	ACCB5-0.5	Soil	8/12/2026 11:11	☐	A	A					

Test Legend:

1	CARB435_400	2	PRDisposal Fee	3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



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1534 Willow Pass Road, Pittsburg, CA 94565-1701
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<http://www.mccampbell.com> / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC. **Project:** 2062-327.00; AC GSA Foothill Blvd **Work Order:** 2608946
Client Contact: Ian Sutherland **QC Level:** LEVEL 2
Contact's Email: isutherland@accenv.com; kbunting@accenv.com **Comments** **Date Logged:** 8/13/2026

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☒ EQUiS ☒ Email ☐ HardCopy ☒ ThirdParty ☒ J-flag

LabID	ClientsampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U** Space	Head Weight	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	ACCB1-2	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 9:30	5 days	8/20/2026		☐	☐
002A	ACCB1-6	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 10:24	5 days	8/20/2026		☐	☐
003A	ACCB2-2	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 10:47	5 days	8/20/2026		☐	☐
004A	ACCB2-6	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 11:00	5 days	8/20/2026		☐	☐
005A	ACCB3-2	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 10:58	5 days	8/20/2026		☐	☐
006A	ACCB4-0.5	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 11:07	5 days	8/20/2026		☐	☐
007A	ACCB5-0.5	Soil	CARB 435 (Asbestos 400 Point)	1	Plastic Baggie, Large	☐	☐	☐	8/12/2026 11:11	5 days	8/20/2026		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.
 - Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.
 - MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.
- U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

760894c



McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701

Telephone: (877/ 925) 252-9262 / Fax: (925) 252-9269

www.mccambell.com

main@mccambell.com

Report To: Ian Sutherland Bill To: All

Bill To: *ALC*

Company: ACC Environmental

Alt Email:

Tele: 515-773-0752

Project Name: AC GSA Foothill Blvd Project #: 2062-327.00

Project Location: 15400 Foothill Blvd San Leandro, CA 94680

Sampler Signature: 

[illegible]

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

*MAI will default to E6020 for metals analysis except for Boron by E6010.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
			Robert W. J.	8/13/26	1030
Robert W. J.	8/13/26	1730	Lucy C. J.	8/13/26	1730

stop @ 7:15 PM
positive result

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Temp	Initials
3.2	3.2

Comments / Instructions

Reset Form



Sample Receipt Checklist

Client Name: **ACC Environmental Consultants, Inc.**
Project: **2062-327.00; AC GSA Foothill Blvd**

Date and Time Received: **8/13/2026 17:30**

Date Logged: **8/13/2026**

Received by: **Lilly Ortiz**

Logged by: **Lilly Ortiz**

WorkOrder №: **2608946** Matrix: Soil

Carrier: Antonio Mason (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒
COC quote is active?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

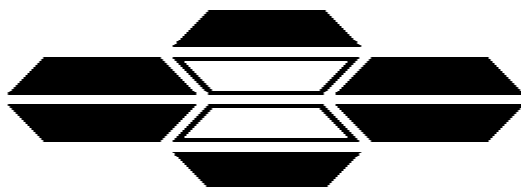
All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 3.2°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
--	------------------------------	-----------------------------	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒
--	------------------------------	-----------------------------	--

Comments:



ASBESTOS TEM LABORATORIES, INC.

CARB Method 435 Polarized Light Microscopy Analytical Report

Laboratory Job # 1434-03811

630 Bancroft Way
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429



ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP
Lab No. 1866



NVLAP Lab Code: 101891-0
Berkeley, CA

Sep/07/2018

Steff Steiner
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

RE: LABORATORY JOB # 1434-03811
Polarized light microscopy analytical results for 6 bulk sample(s).
Job Site: R1187878
Job No.: Fairmont Hospital - White Cotton Cottage

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

630 BANCROFT WAY • BERKELEY, CA 94710 • PH. (510) 704-8930 • FAX (510) 704-8429

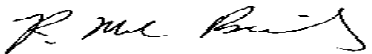
With Branch Offices Located At: 1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431

POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Page: 1 of

Contact: Steff Steiner Address: Terracon Consultants, Inc. 1466 66th Street Emeryville, CA 94608	Samples Submitted: 6 Samples Analyzed: 6 Job Site / No. Fairmont Hospital - White Cotton Cottage R1187878	Report No. 359984 Date Submitted: Aug-30-18 Date Reported: Sep-07-18
---	--	---

SAMPLE ID	POINTS COUNTED	ASBESTOS % TYPE	LOCATION / DESCRIPTION
1A		<0.25% None Detected	South 0-6"
Lab ID # 1434-03811-001	400 - Total Points		No Asbestos Detected
1B		<0.25% None Detected	South 6-12"
Lab ID # 1434-03811-002	400 - Total Points		No Asbestos Detected
1C		<0.25% None Detected	West 0-6"
Lab ID # 1434-03811-003	400 - Total Points		No Asbestos Detected
1D		<0.25% None Detected	West 6-12"
Lab ID # 1434-03811-004	400 - Total Points		No Asbestos Detected
1E		<0.25% None Detected	North 0-6"
Lab ID # 1434-03811-005	400 - Total Points		No Asbestos Detected
1F		<0.25% None Detected	North 6-12"
Lab ID # 1434-03811-006	400 - Total Points		No Asbestos Detected
Lab ID #	- Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		

QC Reviewer 

Analys 

Terracon

1466 66th Street Emeryville CA 94608 Tel: (510) 547-7771 Fax: (510) 547-1983

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ACM BULK SAMPLE DATA SHEET

CARB 43.5
PLM Analysis (Analyze all samples)

☒ PLM Analysis (Analyze all samples)

Stop Analysis at First Positive

Point Count Analysis (400-point)

PAGE 4 OF 1

Project Name/Address/Building No.: FAIRMONT HOSPITAL - White Cotton Cottage

Project #: 21187 872 Sampled By: mc/SF Sampling Date: 8/29/18

Sample(s) Sent To: Emlab MAL ☒ Other: ASBESTOS TEST TAT: Rush 24Hrs 48Hrs ☒ 5-6 Days

HM#	Material Description	Quantity:
1	AAA Soil	
Sample ID	Sample Location & Material Location	Quantity:
1A	South 0-6"	
1B	South 6"-12"	
1C	WEST 0-6"	
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	Quantity:
1D	WEST 6"-12"	
1E	NORTH 0-6"	
1F	NORTH 6"-12"	
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	Quantity:
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	Quantity:
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	Quantity:

Relinquished By: M. Chen

Signature:

Date/Time: 8/29/18

Received By:

Signature: _____

Date/Time: _____

Relinquished By:

Signature: ATM

Date/Time: 3/21/18 12:07PM

Received By:

Signature: 7/1/11

Date/Time: 3/18/2023 2:28 PM

July 27, 2026

Alameda County
1401 Lakeside Drive, 10th floor
Oakland, California 94612

Attn: Mr. Jason Garrison
Environmental Program
Manager
(510) 917-8985
jason.garrison@acgov.org

RE: White Cotton Cottage - Fairmont Hospital Campus
15400 Foothill Boulevard
San Leandro, Alameda County, California 94578
Terracon Project No. 1000021959

Dear Mr. Garrison:

Terracon Consultants, Inc. (Terracon) has provided this update to our letter dated November 1, 2018, which presented the results of the evaluation of lead and pesticide concentrations in soil at the above-referenced site (2018 Letter). The goal of the 2018 investigation was to determine whether soils adjacent to the building had been impacted by lead from the peeling exterior lead-based paint and historical application of pesticides.

Several of the applicable Environmental Screening Levels (ESLs) used in the 2018 investigation have been updated. The County has contracted with Terracon to perform this updated evaluation of the 2018 soil sample data using the updated ESLs dated September, 2025 and to make general estimations of the extent of soil contamination. It should be noted that the site and building are vacant but are scheduled to be developed into commercial office space. The 2018 report and this current investigation used the residential ESL's as a benchmark for contamination.

In 2018, Terracon performed the following tasks:

- Collected soil samples from 0-6" and 6-12" below ground surface (bgs). Some samples were not collected or collected at different depths because of surface obstructions. Sampling locations and depths are presented in Table 1 and shown on Figure 1;
- Collected samples at the drip line of the building, the approximate midpoint between the building and site perimeter, and the site perimeter;
- Analyzed samples for lead and organochlorine pesticides (OCPs);
- Compared results to Tier 1 Residential Environmental Screening Levels (ESLs) (RWQCB, February 2016); and
- Estimated the amount of soil that may require excavation such that the remaining lead and pesticide concentrations at excavation limits do not exceed ESLs.

Soil samples were collected on the northern, western, and southern sides of the building. Some

planned samples were not collected because concrete or asphalt occurred at the ground surface. Samples were collected using a 2.5-inch hand auger, which was decontaminated between sample collection. Samples were transferred to glass jars and stored on ice for transportation to McCampbell Analytical, Inc. (McCampbell) located in Pittsburg, California.

1.0 Updated Review

Terracon reviewed the 2018 analytical data and compared it to most recently published ESLs (RWQCB, 2025). Although the most recently published ESLs for the detected constituents have changed since 2018, no additional samples from 2018 were identified as containing a constituent which exceeds current 2025 ESLs. A comparison of 2016 and 2025 ESLs for the constituents of concern is presented below in Table 1:

Table 1 – Comparison of Residential and Commercial ESLs from 2016 and 2025

Constituent	2016 Residential ESL	2025 Residential ESL (Cancer/Non-Cancer)	2016 Commercial ESL	2025 Commercial ESL (Cancer/Non-Cancer)
Chlordane	0.48	1.7/3.5	2.2	7.7/450
A-Chlordane	--	--/--	--	--/--
g-Chlordane	--	--/--	--	--/--
p,p-DDD	2.7	2.3/32	12	9.6/410
p,p-DDE	1.9	2.0/39	8.5	9.3/580
p,p-DDT	1.9	1.9/37	8.5	8.5/520
Dieldrin	0.038	0.034/32	0.17	0.14/41
Endosulfan I	420	--/470	5,800	--/7,000
Heptachlor epoxide	0.067	0.07/1.0	0.3	0.33/15
Methoxychlor	350	--/320	4,800	--/4,100
Lead	80	--/80	320	--/500

Notes: -- = No ESL established

Cancer/Non-Cancer ESLs were not differentiated in the 2016 ESLs

In summary all of the samples which exceeded the 2016 ESLs also exceed the 2025 ESLs, and the samples which did not exceed the 2016 ESLs similarly do not exceed the 2025 ESLs. The 2018 letter report utilized the Tier 1 ESLs as a benchmark to identify exceedances.

Table 2 presents details of the 2018 sampling, including sample names, depths, and concentrations. The table presents results for all constituents detected above laboratory reporting limits (RLs) in at least one sample. Detections are shown in bold font. Sample intervals were generally 0-6" and 6-12" bgs. However, the northern midpoint sample (WCNMID2-8-14) was collected 8-14" bgs because degraded concrete occurred in the upper 8 inches. Figure 1 depicts

sample names and their approximate locations. Perimeter samples were not collected on the northern and western sides of the building because of the presence of asphalt or concrete at the ground surface. Samples were not collected on the east side of the building in 2018 due to the presence of asphalt pavement from the building wall to the perimeter fence.

2.0 Additional Sampling Activities

At the request of the County, Terracon performed supplemental soil sampling activities along the east side of the building beneath the asphalt pavement.

2.1 Pre-Mobilization Activities

Terracon has a commitment to the safety of all its employees. As such, and in accordance with our *Incident and Injury Free®* safety culture, Terracon developed a safety plan to be used by our personnel during field services. Prior to commencement of on-site activities, Terracon held a meeting to review health and safety needs for this specific project. Fieldwork was performed in U.S. Occupational Safety and Health Administration (OSHA) Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel-toed boots.

Pre-mobilization activities included a private utility location service conducted on June 15, 2026. During the utility location service, the soil borings were marked and Underground Service Alert (USA) North 811 was contacted more than 72 hours prior to drilling activities for clearance of public utilities.

2.2 Geophysical Survey

On June 18, 2026, the proposed boring locations were assessed for the potential presence of buried utilities prior to drilling.

The geophysical survey utilized ground-penetrating radar (GPR), terrain conductivity (TC), electromagnetic (EM), and metal detector (MD) survey methods. The proposed sampling locations were adjusted approximately 4 feet to avoid potential conflicts with utilities.

2.3 Soil Borings and Soil Sampling

Terracon mobilized on June 18, 2026, to advance and conduct sampling of soil borings B-1 through B-2.

Asphalt pavement was penetrated using a portable demolition hammer. All sample locations were advanced using hand equipment (hand auger) which was decontaminated with a multi-stage non-phosphate soap and water mixture between samples.

Two 1-foot borings (B1 and B2) were advanced in the eastern portion of the site, east of the existing structure.

Soil samples were extracted using hand tools, placed directly into laboratory-supplied glassware,

and submitted to the laboratory for analysis. Each sample container was labeled with the project number, date, time, boring number, and sample number. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to McCampbell Analytical Laboratory, Inc. under strict chain-of-custody procedures. McCampbell Analytical is a California Environmental Laboratory Accreditation Program (ELAP)-certified laboratory.

3.0 Laboratory Analytical Methods

The chain-of-custody forms included in **Appendix A** indicate the sample names, dates and times collected, containers, and the requested target analytes and analytical methods.

Selected soil samples were analyzed for the following:

- Organochlorine Pesticides by EPA Method 8081;
- Lead by EPA Method 6020.

Data packages were checked for completeness upon receipt from the laboratory to ensure that the data and quality assurance/quality control (QA/QC) information requested were present. Data quality was assessed by considering holding times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate recovery, and method reporting limits. Based upon our interpretation of quality control information provided by the laboratory, it is our opinion that the overall dataset is qualified as useable for the purposes of this Limited Site Investigation.

4.0 Updated Estimation of Soil Removal Quantity

Terracon has reviewed the 2018 excavation volume recommendations and developed updated volume estimates based on the results of the additional sampling. The updated volume estimate is based on the following assumptions:

- The vertical distribution of lead and pesticides to below their respective ESLs has not been defined, except at locations WCSMID1-6-12, WCSMID2-6-12, WCNMID2-8-14, WCSW-0-6, and B1;
- The lateral distribution of lead and pesticides to below their respective ESLs has not been defined, except at location WCNMID2-8-14, and B1;
- Soil removal is not proposed to occur within the building footprint;
- The limits of soil removal to the north, west, and east of the building are defined by the building and concentrations near or below the ESLs.;
- Soil removal will not extend beyond the perimeter fence or within the fenced area at the southeast corner of the building for restricting basement access;
- Soil removal will not occur in the extreme corners of the site because they are not adjacent to the building;
- Volume does not account for adjustments associated with the sewer line or other subsurface utilities;
- Soil removal area dimensions, depths, and bank cubic yards were estimated using the parameters in Table 3.

The updated excavation volume recommendations are summarized below:

Table 3 Area-Specific Calculations

Area	Area to be Excavated (sq. ft)	Depth, (ft)*	Cubic Ft	Cubic Yards	Dimensions (ft)
North	240	3	720	27	40x6x3
East	180	3	540	20	30x6x3
South-1	320	3.5	1120	42	40x8x3.5
South-2	120	1.5	180	7	20x6x1.5
West Southwest-1	360	4	1440	53	45x8x4
West Southwest-2*	180	4	720	27	45x4x4
West Northwest	480	4	1920	71	40x12x4
Totals	1880		6640	246	

*Excludes 0.5 ft of overlying asphalt
 sq. ft = square feet
 Rounded to nearest whole quantities

5.0 SUMMARY

Terracon has updated the comparison of the 2018 sampling results to the most recent applicable ESLs, and supplemented the analytical results with additional samples collected from the east site of the property. Although the subject property will be redeveloped as a commercial property, the 2025 residential ESLs were used as guidance in order to provide a more conservative estimate for remedial excavation. Comparison of the 2018 sample results to the most recently published 2025 ESLs does not significantly alter the findings of which sample locations contain exceedances of constituents above their respective ESL. No sample locations were identified as newly exceeding the ESLs, and no previous exceedances were newly excluded.

Lead, and the two pesticides, Chlordane and Endosulfan I, are the most frequently detected constituents. Lead and Chlordane were detected in all dripline samples at concentrations above their respective residential ESLs of 80 mg/kg, 1.7 mg/kg. At most locations, the concentrations of lead and the four pesticides were highest in shallow samples. However, the lead concentration in midpoint sample WCWMID1-0-6 was 400 mg/kg (sample depth 0-6" bgs), which is lower than in the deeper sample WCWMID-6-12 (sample depth 6-12" bgs) at 890 mg/kg.

The mode of deposition for lead is most likely from deterioration and deposition of lead-based paint on the ground surface near the dripline. The higher levels of lead on the west side of the building are considered to be a result of greater sun exposure. The likely source of pesticides is surface application for the control of certain forms of plant or animal life.

The horizontal limits of the areas for soil removal are defined by the distribution of lead and pesticides. The presence of asphalt and concrete surfaces on the northern, eastern, and western portions of the site may have limited deposition of lead and pesticides under these surfaces; however, lead was detected above its residential and construction worker ESLs in boring B2. Consequently, the areas shown for soil removal include a portion of the paved areas.

As noted above, the vertical distribution of lead and pesticides to below their respective ESLs has not been defined at most locations. The areas and depths of soil removal necessary to achieve ESLs was estimated assuming a maximum excavation depth of 4 ft below ground, as summarized in Table 2. These distances correspond to the approximate decreases in lead and pesticide concentrations between dripline and midpoint samples. Terracon recommends confirmation sampling to be conducted during any remedial excavation, at excavation bottoms and sidewalls, to provide vertical and lateral delineation of the constituents of concern.

Terracon also notes that work at the site may require the use of accredited California Department of Public Health (CDPH) professionals and providing required notification to the agency, consistent with the requirements of Title 17 CCR, Division 1, Chapter 8.

We appreciate the opportunity to be of service to you on this project. In addition to these services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Respectfully,
Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Chris Kadi'.

Christopher Kadi, C.E.G. 2772
Senior Geologist

A handwritten signature in blue ink, appearing to read 'Steffen Steiner'.

Steffen Steiner
Operations Manager

Attachments

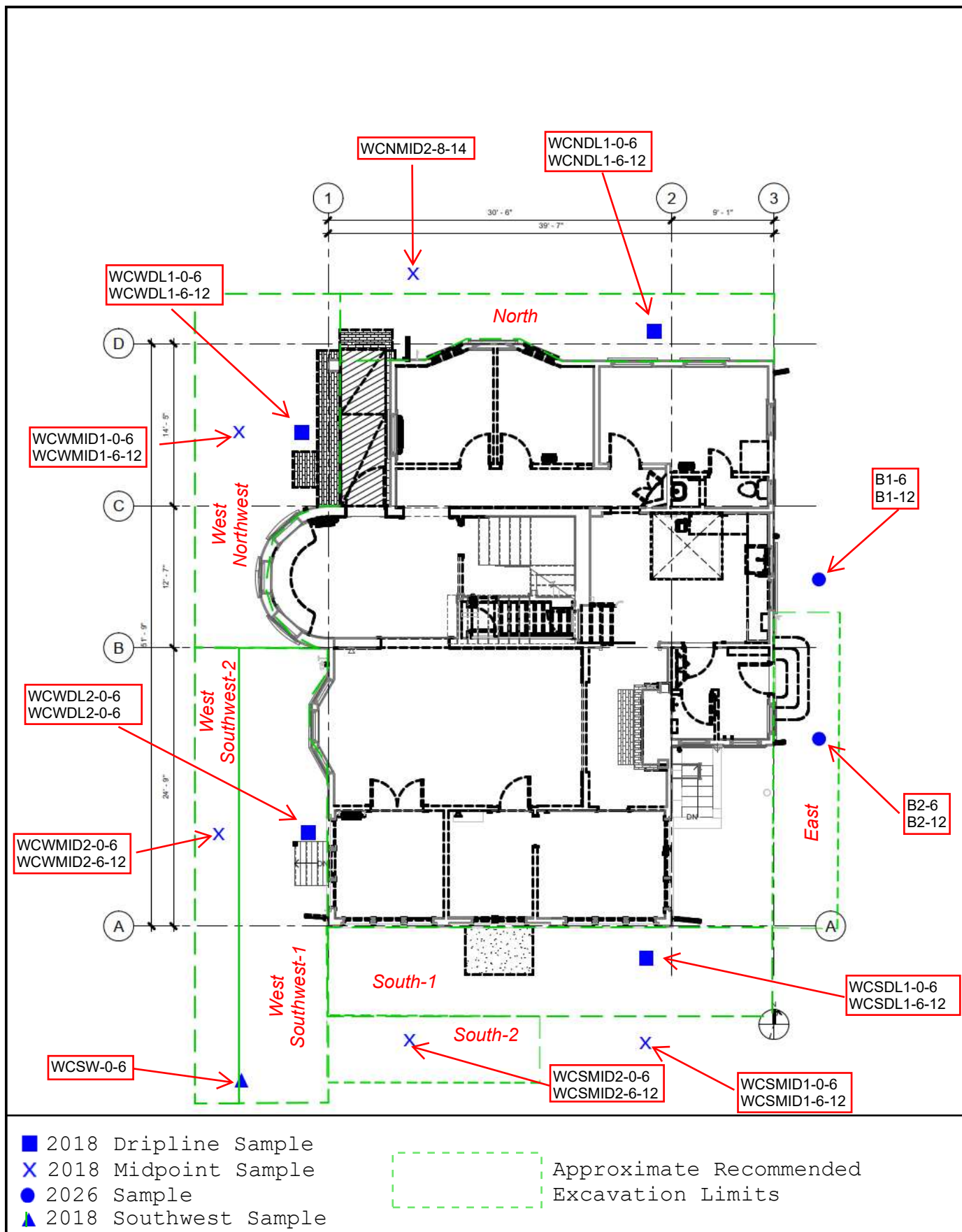
Figure 1 – Sampling Locations and Approximate Excavation Locations

Table 2 – Summary of Soil Analytical Results

Appendix A – Analytical Laboratory Report

Appendix B – 2018 Letter Report

Figure 1 – Sampling Locations and
Approximate Excavation Areas



Project No. 1000001507 Scale: 1" = 12' Client: COUNTY OF ALAMEDA Date: JULY 2026	 1220 Concord Avenue, Suite 450 Concord, CA 94520	Sampling Locations and Approximate Excavation Areas Whitecotton Cottage 15400 FOOTHILL BOULEVARD SAN LEANDRO, ALAMEDA COUNTY, CALIFORNIA	Figure 1
---	--	---	-------------------------------

Table 2 – Summary of Soil Analytical Results

	Units	SFBRWQCB ESLs ⁽¹⁾						WCNDL1-0-6
		Residential I Cancer Risk	Residential Non-Cancer Hazard	Commercial / Industrial Cancer Risk	Commercial / Industrial Non-Cancer Hazard	Construction Worker Cancer Risk	Construction Worker Non-Cancer Hazard	8/29/2018
Chlordane	mg/Kg	1.7	35	7.7	450	58	130	8.4
a-Chlordane	mg/Kg	--	--	--	--	--	--	0.75
g-Chlordane	mg/Kg	--	--	--	--	--	--	0.83
p,p-DDD	mg/Kg	2.3	32	9.6	410	77	130	ND
p,p-DDE	mg/Kg	2.0	39	9.3	580	68	180	0.23
p,p-DDT	mg/Kg	1.9	37	8.5	520	65	160	0.15
Dieldrin	mg/Kg	0.034	3.2	0.14	41	1.2	13	ND
Endosulfan I	mg/Kg	--	470	--	7000	--	2100	ND
Heptachlor epoxide	mg/Kg	0.07	1.0	0.33	15	2.4	4.6	ND
Methoxychlor	mg/Kg	--	320	--	4100	--	1300	ND
Other Analyzed OCPs	mg/Kg	Varies	Varies	Varies	Varies	Varies	Varies	ND
Lead	mg/Kg	--	80	--	500	--	150	210

Notes:

⁽¹⁾ Environmental Screening Levels (ESLs), established by the San Francisco Bay Regional Water Quality Control Board, published September 2025 (Rev 3)

mg/kg = milligrams per kilogram

-- = Not analyzed

Bold value indicates a detection

ND = Not detected above the laboratory RDL

	Concentration reported above the Residential ESL for Direct Exposure Human Health Risk Levels, Cancer Risk
	Concentration reported above the Residential ESL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard
	Concentration reported above the Commercial / Industrial ESL for Direct Exposure Human Health Risk Levels, Cancer Risk
	Concentration reported above the Commercial / Industrial ESL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard
	Concentration reported above the Construction Worker Any Land Use / Any Depth ESL for Direct Exposure Human Health Risk Levels, Cancer Risk
	Concentration reported above the Construction Worker Any Land Use / Any Depth ESL for Direct Exposure Human Health Risk Levels, Non-Cancer Hazard

APPENDIX A



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2606D01

Report Created for: Terracon

1220 Concord Avenue, Suite 450
Concord, CA 94520

Project Contact: Christopher Kadi

Project P.O.:

Project: 1000001507; White Cotton Cottage USI

Project Location: 15400 Foothill Blvd San Leandro

Project Received: 06/18/2026

Analytical Report reviewed & approved for release on 06/24/2026 by:

Tracy Babjar
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current regulatory standards, where applicable, unless otherwise stated.





Glossary of Terms & Qualifier Definitions

Client: Terracon

WorkOrder: 2606D01

Project: 1000001507; White Cotton Cottage USI

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	The % recovery of Continuing Calibration Verification
DF	Dilution Factor
DISS	Dissolved (sample filtered using a 0.45 µm filter size)
DISTLC	Soluble Threshold Limit Concentration using DI water
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
HMI	ICPMS HMI= High Matrix Sample Introduction
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
MET	Modified Elutriate Test (Effluent Elutriate)
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL (if present) or RL.
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SET	Standard Elutriate Test (Open Water)

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Terracon

WorkOrder: 2606D01

Project: 1000001507; White Cotton Cottage USI

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	Micro: "Too Numerous to Count;" greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)

Analytical Qualifiers

a3 Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.

Quality Control Qualifiers

F1 MS/MSD recovery and/or RPD is out of acceptance criteria.

F3 The surrogate standard recovery and/or RPD is outside of acceptance limits.



Analytical Report

Client: Terracon
Date Received: 06/18/2026 12:55
Date Prepared: 06/18/2026
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
B1-6	2606D01-001A	Soil	06/18/2026 11:43	GC23 06222644.d	344171

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.020	20	06/23/2026 00:22
a-BHC	ND	0.020	20	06/23/2026 00:22
b-BHC	ND	0.020	20	06/23/2026 00:22
d-BHC	ND	0.020	20	06/23/2026 00:22
g-BHC	ND	0.020	20	06/23/2026 00:22
Chlordane (Technical)	ND	0.50	20	06/23/2026 00:22
a-Chlordane	ND	0.020	20	06/23/2026 00:22
g-Chlordane	ND	0.020	20	06/23/2026 00:22
p,p-DDD	ND	0.020	20	06/23/2026 00:22
p,p-DDE	ND	0.020	20	06/23/2026 00:22
p,p-DDT	ND	0.020	20	06/23/2026 00:22
Dieldrin	ND	0.020	20	06/23/2026 00:22
Endosulfan I	ND	0.020	20	06/23/2026 00:22
Endosulfan II	ND	0.020	20	06/23/2026 00:22
Endosulfan sulfate	ND	0.020	20	06/23/2026 00:22
Endrin	ND	0.020	20	06/23/2026 00:22
Endrin aldehyde	ND	0.020	20	06/23/2026 00:22
Endrin ketone	ND	0.020	20	06/23/2026 00:22
Heptachlor	ND	0.020	20	06/23/2026 00:22
Heptachlor epoxide	ND	0.020	20	06/23/2026 00:22
Hexachlorobenzene	ND	0.20	20	06/23/2026 00:22
Hexachlorocyclopentadiene	ND	0.40	20	06/23/2026 00:22
Methoxychlor	ND	0.020	20	06/23/2026 00:22
Toxaphene	ND	4.0	20	06/23/2026 00:22

Surrogates	REC (%)	Limits	DF	Date Analyzed
Decachlorobiphenyl	112	60-130	20	06/23/2026 00:22

Analyst(s): CN

Analytical Comments: a3

(Cont.)



Analytical Report

Client: Terracon
Date Received: 06/18/2026 12:55
Date Prepared: 06/18/2026
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
B1-12	2606D01-002A	Soil	06/18/2026 11:47	GC23 06222648.d	344171

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.010	10	06/23/2026 01:25
a-BHC	ND	0.010	10	06/23/2026 01:25
b-BHC	ND	0.010	10	06/23/2026 01:25
d-BHC	ND	0.010	10	06/23/2026 01:25
g-BHC	ND	0.010	10	06/23/2026 01:25
Chlordane (Technical)	ND	0.25	10	06/23/2026 01:25
a-Chlordane	ND	0.010	10	06/23/2026 01:25
g-Chlordane	ND	0.010	10	06/23/2026 01:25
p,p-DDD	ND	0.010	10	06/23/2026 01:25
p,p-DDE	ND	0.010	10	06/23/2026 01:25
p,p-DDT	ND	0.010	10	06/23/2026 01:25
Dieldrin	ND	0.010	10	06/23/2026 01:25
Endosulfan I	ND	0.010	10	06/23/2026 01:25
Endosulfan II	ND	0.010	10	06/23/2026 01:25
Endosulfan sulfate	ND	0.010	10	06/23/2026 01:25
Endrin	ND	0.010	10	06/23/2026 01:25
Endrin aldehyde	ND	0.010	10	06/23/2026 01:25
Endrin ketone	ND	0.010	10	06/23/2026 01:25
Heptachlor	ND	0.010	10	06/23/2026 01:25
Heptachlor epoxide	ND	0.010	10	06/23/2026 01:25
Hexachlorobenzene	ND	0.10	10	06/23/2026 01:25
Hexachlorocyclopentadiene	ND	0.20	10	06/23/2026 01:25
Methoxychlor	ND	0.010	10	06/23/2026 01:25
Toxaphene	ND	2.0	10	06/23/2026 01:25

Surrogates	REC (%)	Limits	DF	Date Analyzed
Decachlorobiphenyl	120	60-130	10	06/23/2026 01:25

Analyst(s): CN

Analytical Comments: a3

(Cont.)



Analytical Report

Client: Terracon
Date Received: 06/18/2026 12:55
Date Prepared: 06/18/2026
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
B2-6	2606D01-003A	Soil	06/18/2026 11:07	GC23 06222657.d	344171

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.010	10	06/23/2026 03:45
a-BHC	ND	0.010	10	06/23/2026 03:45
b-BHC	ND	0.010	10	06/23/2026 03:45
d-BHC	ND	0.010	10	06/23/2026 03:45
g-BHC	ND	0.010	10	06/23/2026 03:45
Chlordane (Technical)	ND	0.25	10	06/23/2026 03:45
a-Chlordane	ND	0.010	10	06/23/2026 03:45
g-Chlordane	ND	0.010	10	06/23/2026 03:45
p,p-DDD	ND	0.010	10	06/23/2026 03:45
p,p-DDE	0.055	0.010	10	06/23/2026 03:45
p,p-DDT	0.010	0.010	10	06/23/2026 03:45
Dieldrin	ND	0.010	10	06/23/2026 03:45
Endosulfan I	ND	0.010	10	06/23/2026 03:45
Endosulfan II	ND	0.010	10	06/23/2026 03:45
Endosulfan sulfate	ND	0.010	10	06/23/2026 03:45
Endrin	ND	0.010	10	06/23/2026 03:45
Endrin aldehyde	ND	0.010	10	06/23/2026 03:45
Endrin ketone	ND	0.010	10	06/23/2026 03:45
Heptachlor	ND	0.010	10	06/23/2026 03:45
Heptachlor epoxide	ND	0.010	10	06/23/2026 03:45
Hexachlorobenzene	ND	0.10	10	06/23/2026 03:45
Hexachlorocyclopentadiene	ND	0.20	10	06/23/2026 03:45
Methoxychlor	ND	0.010	10	06/23/2026 03:45
Toxaphene	ND	2.0	10	06/23/2026 03:45

Surrogates	REC (%)	Limits	DF	Date Analyzed
Decachlorobiphenyl	99	60-130	10	06/23/2026 03:45

Analyst(s): CN

Analytical Comments: a3

(Cont.)



Analytical Report

Client: Terracon
Date Received: 06/18/2026 12:55
Date Prepared: 06/18/2026
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
B2-12	2606D01-004A	Soil	06/18/2026 11:11	GC23 06222642.d	344171

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.020	20	06/22/2026 23:51
a-BHC	ND	0.020	20	06/22/2026 23:51
b-BHC	ND	0.020	20	06/22/2026 23:51
d-BHC	ND	0.020	20	06/22/2026 23:51
g-BHC	ND	0.020	20	06/22/2026 23:51
Chlordane (Technical)	ND	0.50	20	06/22/2026 23:51
a-Chlordane	ND	0.020	20	06/22/2026 23:51
g-Chlordane	ND	0.020	20	06/22/2026 23:51
p,p-DDD	ND	0.020	20	06/22/2026 23:51
p,p-DDE	0.12	0.020	20	06/22/2026 23:51
p,p-DDT	0.039	0.020	20	06/22/2026 23:51
Dieldrin	ND	0.020	20	06/22/2026 23:51
Endosulfan I	ND	0.020	20	06/22/2026 23:51
Endosulfan II	ND	0.020	20	06/22/2026 23:51
Endosulfan sulfate	ND	0.020	20	06/22/2026 23:51
Endrin	ND	0.020	20	06/22/2026 23:51
Endrin aldehyde	ND	0.020	20	06/22/2026 23:51
Endrin ketone	ND	0.020	20	06/22/2026 23:51
Heptachlor	ND	0.020	20	06/22/2026 23:51
Heptachlor epoxide	ND	0.020	20	06/22/2026 23:51
Hexachlorobenzene	ND	0.20	20	06/22/2026 23:51
Hexachlorocyclopentadiene	ND	0.40	20	06/22/2026 23:51
Methoxychlor	ND	0.020	20	06/22/2026 23:51
Toxaphene	ND	4.0	20	06/22/2026 23:51

Surrogates	REC (%)	Limits	DF	Date Analyzed
Decachlorobiphenyl	129	60-130	20	06/22/2026 23:51

Analyst(s): CN

Analytical Comments: a3



Analytical Report

Client: Terracon
Date Received: 06/18/2026 12:55
Date Prepared: 06/18/2026
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
Extraction Method: SW3050 B
Analytical Method: SW6020B
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected		Instrument FileID	Batch ID
B1-6	2606D01-001A	Soil	06/18/2026 11:43		ICP-MS5 145SMPL.d	344163
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Lead	9.62		0.500	1	06/19/2026 13:45	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	<u>DF</u>		
Terbium	110		70-130	1	06/19/2026 13:45	
<u>Analyst(s):</u> MJA						

Client ID	Lab ID	Matrix	Date Collected		Instrument FileID	Batch ID
B1-12	2606D01-002A	Soil	06/18/2026 11:47		ICP-MS5 148SMPL.d	344163
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Lead	6.00		0.500	1	06/19/2026 13:56	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	<u>DF</u>		
Terbium	119		70-130	1	06/19/2026 13:56	
<u>Analyst(s):</u> MJA						

Client ID	Lab ID	Matrix	Date Collected		Instrument FileID	Batch ID
B2-6	2606D01-003A	Soil	06/18/2026 11:07		ICP-MS5 149SMPL.d	344163
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>	
Lead	403		0.500	1	06/19/2026 13:59	
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>	<u>DF</u>		
Terbium	107		70-130	1	06/19/2026 13:59	
<u>Analyst(s):</u> MJA						

(Cont.)



Analytical Report

Client: Terracon
Date Received: 06/18/2026 12:55
Date Prepared: 06/18/2026
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
Extraction Method: SW3050 B
Analytical Method: SW6020B
Unit: mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
B2-12	2606D01-004A	Soil	06/18/2026 11:11	ICP-MS5 150SMPL.d	344163

Analytes	Result	RL	DF	Date Analyzed
Lead	81.1	0.500	1	06/19/2026 14:03

Surrogates	REC (%)	Limits	DF	Date Analyzed
Terbium	108	70-130	1	06/19/2026 14:03

Analyst(s): MJA



Quality Control Report

Client: Terracon
Date Prepared: 06/18/2026
Date Analyzed: 06/22/2026 - 06/23/2026
Instrument: GC23
Matrix: Soil
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
BatchID: 344171
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-344171
2606D01-001AMS/MSD

QC Summary Report for SW8081 B

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Aldrin	ND	0.00016	0.0010	-	-	-
a-BHC	ND	0.00022	0.0010	-	-	-
b-BHC	ND	0.00046	0.0010	-	-	-
d-BHC	ND	0.00031	0.0010	-	-	-
g-BHC	ND	0.00017	0.0010	-	-	-
Chlordane (Technical)	ND	0.0060	0.025	-	-	-
a-Chlordane	ND	0.00022	0.0010	-	-	-
g-Chlordane	ND	0.00037	0.0010	-	-	-
p,p-DDD	ND	0.00026	0.0010	-	-	-
p,p-DDE	ND	0.00013	0.0010	-	-	-
p,p-DDT	ND	0.00038	0.0010	-	-	-
Dieldrin	ND	0.00016	0.0010	-	-	-
Endosulfan I	ND	0.00019	0.0010	-	-	-
Endosulfan II	ND	0.00046	0.0010	-	-	-
Endosulfan sulfate	ND	0.00032	0.0010	-	-	-
Endrin	ND	0.00028	0.0010	-	-	-
Endrin aldehyde	ND	0.00025	0.0010	-	-	-
Endrin ketone	ND	0.00040	0.0010	-	-	-
Heptachlor	ND	0.00035	0.0010	-	-	-
Heptachlor epoxide	ND	0.00022	0.0010	-	-	-
Hexachlorobenzene	ND	0.00017	0.010	-	-	-
Hexachlorocyclopentadiene	ND	0.00076	0.020	-	-	-
Methoxychlor	ND	0.00046	0.0010	-	-	-
Toxaphene	ND	0.030	0.20	-	-	-

Surrogate Recovery

Decachlorobiphenyl	0.050	0.05	99	70-130
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(Cont.)



Quality Control Report

Client: Terracon
Date Prepared: 06/18/2026
Date Analyzed: 06/22/2026 - 06/23/2026
Instrument: GC23
Matrix: Soil
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
BatchID: 344171
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-344171
2606D01-001AMS/MSD

QC Summary Report for SW8081 B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.047	0.046	0.050	95	92	70-130	3.10	20
a-BHC	0.042	0.040	0.050	83	80	70-130	3.57	20
b-BHC	0.049	0.048	0.050	98	96	70-130	1.97	20
d-BHC	0.048	0.047	0.050	96	95	70-130	1.34	20
g-BHC	0.045	0.043	0.050	89	86	70-130	3.59	20
a-Chlordane	0.045	0.044	0.050	89	88	70-130	1.50	20
g-Chlordane	0.050	0.049	0.050	100	98	70-130	1.48	20
p,p-DDD	0.053	0.053	0.050	107	106	70-130	1.16	20
p,p-DDE	0.043	0.043	0.050	87	86	70-130	1.00	20
p,p-DDT	0.040	0.041	0.050	79	83	70-130	4.61	20
Dieldrin	0.048	0.048	0.050	97	95	70-130	1.45	20
Endosulfan I	0.048	0.047	0.050	96	94	70-130	1.51	20
Endosulfan II	0.050	0.049	0.050	99	99	70-130	0.724	20
Endosulfan sulfate	0.051	0.051	0.050	102	102	70-130	0.256	20
Endrin	0.051	0.052	0.050	103	103	70-130	0.113	20
Endrin aldehyde	0.051	0.051	0.050	103	102	70-130	0.388	20
Endrin ketone	0.048	0.047	0.050	95	95	70-130	0.246	20
Heptachlor	0.047	0.046	0.050	95	93	70-130	1.94	20
Heptachlor epoxide	0.049	0.048	0.050	97	95	70-130	2.01	20
Hexachlorobenzene	0.043	0.042	0.050	86	83	70-130	3.47	20
Hexachlorocyclopentadiene	0.057	0.056	0.050	114	112	50-130	1.48	20
Methoxychlor	0.049	0.052	0.050	99	104	70-130	5.04	20

Surrogate Recovery

Decachlorobiphenyl	0.050	0.054	0.050	100	108	70-130	7.86	20
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Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aldrin	20	0.056	0.057	0.050	ND<0.020	111	114	60-130	2.64	20
a-BHC	20	0.051	0.052	0.050	ND<0.020	102	105	60-130	2.82	20
b-BHC	20	0.061	0.067	0.050	ND<0.020	122	133,F1	60-130	8.60	20
d-BHC	20	0.058	0.059	0.050	ND<0.020	117	118	60-130	1.21	20
g-BHC	20	0.052	0.053	0.050	ND<0.020	103	106	60-130	2.30	20
a-Chlordane	20	0.055	0.056	0.050	ND<0.020	109	112	60-130	2.26	20
g-Chlordane	20	0.062	0.064	0.050	ND<0.020	124	128	60-130	2.76	20
p,p-DDD	20	0.068	0.069	0.050	ND<0.020	136,F1	137,F1	60-130	1.09	20

(Cont.)



Quality Control Report

Client: Terracon
Date Prepared: 06/18/2026
Date Analyzed: 06/22/2026 - 06/23/2026
Instrument: GC23
Matrix: Soil
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
BatchID: 344171
Extraction Method: SW3550 B
Analytical Method: SW8081 B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-344171
2606D01-001AMS/MSD

QC Summary Report for SW8081 B

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
p,p-DDE	20	0.054	0.054	0.050	ND<0.020	107	108	60-130	0.398	20
p,p-DDT	20	0.046	0.046	0.050	ND<0.020	92	91	60-130	0.441	20
Dieldrin	20	0.057	0.058	0.050	ND<0.020	113	116	60-130	2.14	20
Endosulfan I	20	0.058	0.059	0.050	ND<0.020	115	118	60-130	2.06	20
Endosulfan II	20	0.057	0.058	0.050	ND<0.020	114	117	60-130	2.12	20
Endosulfan sulfate	20	0.059	0.060	0.050	ND<0.020	118	119	60-130	1.06	20
Endrin	20	0.068	0.069	0.050	ND<0.020	136,F1	139,F1	60-130	1.70	20
Endrin aldehyde	20	0.059	0.060	0.050	ND<0.020	118	121	60-130	1.85	20
Endrin ketone	20	0.051	0.052	0.050	ND<0.020	103	104	60-130	0.958	20
Heptachlor	20	0.057	0.058	0.050	ND<0.020	115	117	60-130	1.63	20
Heptachlor epoxide	20	0.059	0.060	0.050	ND<0.020	117	120	60-130	2.32	20
Hexachlorobenzene	20	0.053	0.055	0.050	ND<0.20	107	110	60-130	3.43	20
Hexachlorocyclopentadiene	20	0.063	0.061	0.050	ND<0.40	126	121	50-130	3.99	20
Methoxychlor	20	0.053	0.051	0.050	ND<0.020	106	103	60-130	3.05	20

Surrogate Recovery

Decachlorobiphenyl	20	0.063	0.073	0.050		127	146,F3	60-130	13.8	20
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Quality Control Report

Client: Terracon
Date Prepared: 06/18/2026
Date Analyzed: 06/19/2026
Instrument: ICP-MS5
Matrix: Soil
Project: 1000001507; White Cotton Cottage USI

WorkOrder: 2606D01
BatchID: 344163
Extraction Method: SW3050 B
Analytical Method: SW6020B
Unit: mg/kg
Sample ID: MB/LCS/LCSD-344163

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Lead	ND	0.110	0.500	-	-	-
Surrogate Recovery						
Terbium	561			500	112	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	55.7	51.9	50	111	104	75-125	7.22	20
Surrogate Recovery								
Terbium	576	540	500	115	108	70-130	6.50	20



Certified Analyte List

Client: Terracon

WorkOrder: 2606D01

Project: 1000001507; White Cotton Cottage USI

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
a-BHC	●	●	○	○	○	SW8081 B	Soil
a-Chlordane	●	●	○	○	○	SW8081 B	Soil
Aldrin	●	●	○	○	○	SW8081 B	Soil
b-BHC	●	●	○	○	○	SW8081 B	Soil
Chlordane (Technical)	●	●	○	○	○	SW8081 B	Soil
d-BHC	●	●	○	○	○	SW8081 B	Soil
Dieldrin	●	●	○	○	○	SW8081 B	Soil
Endosulfan I	●	●	○	○	○	SW8081 B	Soil
Endosulfan II	●	●	○	○	○	SW8081 B	Soil
Endosulfan sulfate	●	●	○	○	○	SW8081 B	Soil
Endrin aldehyde	●	●	○	○	○	SW8081 B	Soil
Endrin ketone	●	●	○	○	○	SW8081 B	Soil
Endrin	●	●	○	○	○	SW8081 B	Soil
g-BHC	●	●	○	○	○	SW8081 B	Soil
g-Chlordane	○	●	○	○	○	SW8081 B	Soil
Heptachlor epoxide	●	●	○	○	○	SW8081 B	Soil
Heptachlor	●	●	○	○	○	SW8081 B	Soil
Hexachlorobenzene	○	○	○	○	○	SW8081 B	Soil
Hexachlorocyclopentadiene	○	○	○	○	○	SW8081 B	Soil
Methoxychlor	●	●	○	○	○	SW8081 B	Soil
p,p-DDD	●	●	○	○	○	SW8081 B	Soil
p,p-DDE	●	●	○	○	○	SW8081 B	Soil
p,p-DDE	●	●	○	○	○	SW8081 B	Soil
p,p-DDT	●	●	○	○	○	SW8081 B	Soil
p,p-DDT	●	●	○	○	○	SW8081 B	Soil
Toxaphene	●	●	○	○	○	SW8081 B	Soil
Lead	●	●	○	○	○	SW6020B	Soil

Certifications

Cert 1 CA ELAP 1644

Cert 2 ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax☐ CLIP☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2606D01

ClientCode: RGAE

☐ EQuIS☐ Dry-Weight☒ Email☐ HardCopy☐ ThirdParty☐ J-flag☐ Detection Summary☐ Excel**Report to:**

Christopher Kadi
Terracon
1220 Concord Avenue, Suite 450
Concord, CA 94520
510-547-7771 FAX: (510) 547-1983

Email: Christopher.Kadi@terracon.com
cc/3rd Party: garrett.ogden@terracon.com;
PO:
Project: 1000001507; White Cotton Cottage USI

Bill to:

Accounts Payable
Terracon
1220 Concord Avenue, Suite 450
Concord, CA 94520
APinvoices@terracon.com

**Requested TATs: 1 day;
5 days;**

Date Received: 06/18/2026

Date Logged: 06/18/2026

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2606D01-001	B1-6	Soil	6/18/2026 11:43	☐	A	A	A									
2606D01-002	B1-12	Soil	6/18/2026 11:47	☐	A	A	A									
2606D01-003	B2-6	Soil	6/18/2026 11:07	☐	A	A	A									
2606D01-004	B2-12	Soil	6/18/2026 11:11	☐	A	A	A									

Test Legend:

1	8081_S
5	
9	

2	METALSMS_TTLC_S
6	
10	

3	PRDisposal Fee
7	
11	

4	
8	
12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: TERRACON

Project: 1000001507; White Cotton Cottage USI

Work Order: 2606D01

Client Contact: Christopher Kadi

QC Level: LEVEL 2

Contact's Email: Christopher.Kadi@terracon.com

Comments

Date Logged: 6/18/2026

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	B1-6	Soil	SW6020 B (Metals) <Lead>	1	16OZ GJ, Unpres	☐	☐	☐	6/18/2026 11:43	1 day	6/19/2026		☐	☐
			SW8081 B (OC Pesticides)			☐	☐	☐		5 days	6/25/2026		☐	☐
002A	B1-12	Soil	SW6020 B (Metals) <Lead>	1	16OZ GJ, Unpres	☐	☐	☐	6/18/2026 11:47	1 day	6/19/2026		☐	☐
			SW8081 B (OC Pesticides)			☐	☐	☐		5 days	6/25/2026		☐	☐
003A	B2-6	Soil	SW6020 B (Metals) <Lead>	1	16OZ GJ, Unpres	☐	☐	☐	6/18/2026 11:07	1 day	6/19/2026		☐	☐
			SW8081 B (OC Pesticides)			☐	☐	☐		5 days	6/25/2026		☐	☐
004A	B2-12	Soil	SW6020 B (Metals) <Lead>	1	16OZ GJ, Unpres	☐	☐	☐	6/18/2026 11:11	1 day	6/19/2026		☐	☐
			SW8081 B (OC Pesticides)			☐	☐	☐		5 days	6/25/2026		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

MAI Work Order # 2606201



Page 17 of 18



Sample Receipt Checklist

Client Name: **Terracon**
Project: **1000001507; White Cotton Cottage USI**
WorkOrder No: **2606D01** Matrix: Soil
Carrier: Client Drop-In

Date and Time Received: **6/18/2026 12:55**
Date Logged: **6/18/2026**
Received by: **Lilly Ortiz**
Logged by: **Lilly Ortiz**

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐
COC quote is active?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature		Temp: 16.4°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☐	No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☒

Comments:

APPENDIX B

November 1, 2018

Mr. Michael Bishop
Environmental Project Manager
Alameda County
1401 Lakeside Drive, Suite 800
Oakland, CA 94612

RE: Soil Sampling and Analyses
White Cotton Cottage
Fairmont Hospital Campus
San Leandro, CA

Dear Mr. Bishop:

Terracon Consultants, Inc. (Terracon) is pleased to provide this letter presenting the results of the evaluation of lead and pesticide concentrations in soil at the above-referenced site. Terracon understands that the County is seeking to evaluate whether soils adjacent to the building have been impacted by lead from the peeling exterior paint and historical application of pesticides.

Terracon performed the following tasks:

- Collected soil samples from 0-6" and 6-12" below ground surface (bgs). Some samples were not collected or collected at different depths because of surface obstructions. Sampling locations and depths are presented on Table 1 and shown on Exhibit 1;
- Collected samples at the drip line of the building, the approximate midpoint between the building and site perimeter, and the site perimeter;
- Analyzed samples for lead and organochlorine pesticides (OCPs);
- Compared results to Tier 1 Residential Environmental Screening Levels (ESLs) (RWQCB, May 2018); and
- Estimated the amount of soil that may require excavation such that the remaining lead and pesticide concentrations at excavation limits do not exceed ESLs.

Terracon performed these services in accordance with our Standard Services Agreement with County of Alameda, dated August 14, 2017.

Soil samples were collected on the northern, western, and southern sides of the building. Some planned samples were not collected because concrete or asphalt occurred at the ground surface. Samples were collected using a 2.5-inch hand auger, which was decontaminated between sample collection. Samples were transferred to glass jars and stored on ice for transportation to McCampbell Analytical, Inc. (McCampbell) located in Pittsburg, California. The laboratory report and field documentation are included in the attachments.

Table 1 presents details of the sampling, including sample names, depths, and concentrations. The table presents results for those constituents detected above ESLs in at least one sample. Concentrations exceeding ESLs are shown in bold font. Sample intervals were 0-6" and 6-12" bgs. The northern midpoint sample (WCNMID2-8-14) was collected 8-14" bgs because degraded concrete occurred in the upper 8 inches. Exhibit 1 shows sample names and their approximate locations. Perimeter samples were not collected on the northern and western sides of the building because of the presence of asphalt or concrete at the ground surface. Samples were not collected on the east side of the building because surface asphalt extended from the building wall to the perimeter fence.

Results

Lead, Chlordane, and Endosulfan I are the most frequently detected constituents. Lead and Chlordane were detected in all dripline samples above their respective ESLs of 80 and 0.48 mg/kg. Endosulfan I was detected in samples collected on the western side of the building, except in sample WCWDL2-0-6, in three samples from the south side of the building (WCSDL1-6-12 and WCSMID2-0-6 and -6-12) and WCSW-0-6, which is located at the southwest corner of the building. Endosulfan I concentrations ranged from 0.0029 to 0.69 mg/kg. The ESL for Endosulfan I is 0.0046 mg/kg. Dieldrin, Heptachlor Epoxide, and Methoxychlor were infrequently detected above their ESLs in a few samples (Table 1).

The highest concentrations of lead (1,200 mg/kg), Chlordane (10 mg/kg), and Endosulfan I (0.069 mg/kg) were found in dripline samples collected from the western and southern sides of the building. The highest concentrations of these constituents in midpoint samples were 890 mg/kg, 1.1 mg/kg, and 0.29 mg/kg, respectively. These samples were collected from the western side of the site. At most locations, the concentrations were higher in shallow samples. However, concentrations in midpoint samples WCWMID1-6-12 and WCWMID2-6-12 (Table 1) collected on the western side of the building, the concentrations of lead were highest in the samples collected between 6-12". Because of the infrequency of detected results, consistent changes in concentrations with depth are not observed for Dieldrin, Heptachlor, Methoxychlor. The vertical distribution of lead and pesticides to below their respective ESLs has not been defined at all locations.

Table 1 – Concentrations¹ of Constituents Exceeding Tier 1 ESLs²

SAMPLE ID	DEPTH (ft)	LEAD [80 mg/kg] ³	CHLORDANE [0.48 mg/kg]	ENDOSULFAN I [0.0046]	DIELDRIN [0.00017 mg/kg]	HEPTACHLOR EPOXIDE [0.00042 mg/kg]	METHOXYCHLOR [1.9 mg/kg]
WCNDL1-0-6	0-6	210	8.4	ND	ND ⁴	ND	ND
WCNDL1-6-12	6-12	190	1.7	ND	ND	ND	ND
WCSDL1-0-6	0-6	1200	4.1	ND	0.074	ND	ND
WCSDL1-6-12	6-12	390	2.2	0.22	0.034	ND	ND
WCWDL1-0-6	0-6	900	10	0.69	ND	ND	ND
WCWDL1-6-12	6-12	160	1.4	0.10	ND	ND	ND
WCWDL2-0-6	0-6	1100	1.7	ND	ND	ND	ND
WCWDL2-6-12	6-12	740	0.50	0.04	ND	ND	ND
WCNMID2-8-14	8-14	3.3	ND	ND	ND	ND	ND
WCSMID1-0-6	0-6	63	0.033	ND	0.00048	ND	ND
WCSMID1-6-12	6-12	3.4	ND	ND	ND	ND	ND
WCSMID2-0-6	0-6	110	0.28	0.029	ND	ND	ND
WCSMID2-6-12	6-12	31	ND	0.0098	ND	ND	ND
WCWMID1-0-6	0-6	400	1.0	0.16	ND	ND	0.025
WCWMID1-6-12	6-12	890	1.1	0.11	ND	ND	ND
WCWMID2-0-6	0-6	290	0.28	0.29	0.0065	0.0027	ND
WCWMID2-6-12	6-12	300	0.11	0.011	ND	ND	ND
WCSW-0-6	0-6	77	0.21	0.0029	ND	0.002	ND

Notes:

¹Concentrations in milligrams per kilogram (mg/kg)

²ESL = Environmental Screening Levels (RWQCB, May 2018); Concentrations in bold font greater than Tier 1 ESL

³[] = Tier I ESL

⁴Reporting limits are included in the laboratory report (Attachment 1)

Samples collected 0-6"

WCN – collected on the north side of building

WCS – collected on the south side of the building

NCW – collected on the west side of the building

WCSW – collected southwest of the building

Estimation of Soil Removal Quantity

The estimation is based on the following assumptions:

- The vertical distributions of lead and pesticides to below their respective ESLs have not been defined;
- Soil removal will not occur within the building footprint;
- Soil removal will not occur on the east side of the building where asphalt or concrete extends from the building exterior to approximately the perimeter fence.
- The limits of soil removal to the north, west, and east of the building shown on Exhibit 1 are defined by the building, concentrations near or below the ESLs, and concrete and asphalt at the ground surface (soil removal will not occur below asphalt or concrete);
- Soil removal will not extend beyond the perimeter fence or within the fenced area at the southeast corner of the building for restricting basement access;
- Soil removal will not occur in the extreme corners of the site because they are not adjacent to the building;
- Volume adjustments associated with the sewer line or other subsurface utilities have not been attempted;
- Soil removal area dimensions, depths, and bank cubic yards were estimated using the parameters in Table 2.

- Specific Assumptions for Polygons (Exhibit 1)
 - North –
 - Area of lead and pesticide data from MWNDL1-0-6/-6-12 and WCNMID2-8-14 and the location of the concrete pathway were used to establish the boundaries along the northern building wall; and
 - Maximum depth to concentrations less than ESLs – 3 ft.
 - East – no excavation because asphalt extends from wall to approximate fence line.
 - South-1 and -2
 - Area of lead and pesticide data from WCSDL1-0-6/-6-12, and WCSMID2-6-12 were used to establish the boundaries along the southern portion of the building wall;
 - Surface asphalt or concrete were observed at some scattered locations on the southern side of the building (e.g., adjacent to steps leading to the building); and
 - Maximum depth to concentrations less than ESLs: South-1 – 3.5 ft/South-2 – 3 ft.
 - West Southwest-1 and -2
 - Area of lead and pesticide data from WCWDL2-0-6/-6-12, and WCWMID2-0-6/-6-12, and surface concrete and asphalt, were used

Soil Sampling and Analyses Report

White Cotton Cottage ■ Fairmont Hospital Campus
San Leandro, California ■ Terracon Project No. R1187878



to establish the boundaries along the western portion of the building near the perimeter fence; and

- Maximum depth to concentrations less than ESLs: Part 1 – 4 ft/Part 2 – 4.0 ft.
- West Northwest
 - Area of lead and pesticide data from WCWDL1-0-6/6-12 and WCWMID1-0-6/6-12, surface concrete and asphalt near the perimeter fence, were used to establish the boundaries along the western portion of the building; and
 - Maximum depth to concentrations less than Tier I ESLs: 4.0 ft.

Table 2 Area-Specific Calculations

Area	Area to be Excavated (sq. ft)	Depth, (ft)*	Cubic Ft	Cubic Yards	Dimensions (ft)
North	240	3	720	27	40x6x3
East	0	0	0	0	Not applicable
South-1	320	3.5	1120	41	40x8x3.5
South-2	240	3	720	27	40x6x3
West Southwest-1	360	4	1440	53	45x8x4
West Southwest-2*	180	4	720	17	45x4x4
West Northwest	<u>320</u>	<u>4</u>	<u>1280</u>	<u>47</u>	40x8x4
Totals	1340		6000	222	

*Excludes 0.5 ft of overlying asphalt

sq. ft = square feet

Rounded to nearest whole quantities

SUMMARY

Lead, and the two pesticides Chlordane and Endosulfan I, are the most frequently detected constituents. Lead and Chlordane were detected in all dripline samples at concentrations above their respective ESLs of 80 mg/kg and 0.48 mg/kg. When detected, the concentrations of Endosulfan I, Dieldrin, Heptachlor Epoxide, were generally above their ESLs (Table 1). At most locations, the concentrations of lead and the four pesticides were highest in shallow samples. However, the lead concentration in midpoint sample WCWMID1-0-6 was 400 mg/kg (sample depth 0-6" bgs), which is lower than in the deeper sample WCWMID-6-12 (sample depth 6-12" bgs) at 890 mg/kg.

The mode of deposition for lead is most likely from deterioration and deposition of lead-based paint on the ground surface near the dripline. The higher levels of lead on the west side of the building is considered the result of greater sun exposure. The likely source of pesticides is surface application for the control of certain forms of plant or animal life.

The horizontal limits of the areas for soil removal are defined by the distribution of lead and pesticides, and the occurrence of asphalt and concrete in the northern, eastern, and western portions of the site. The horizontal limits shown on Exhibit 1 assume soil removal will not occur east side of the building and the presence of asphalt and concrete would limit deposition under those surfaces. Consequently, the areas shown for soil removal exclude those areas.

As noted above, the vertical distribution of lead and pesticides to below their respective ESLs has not been defined at all locations. The areas and depths of soil removal necessary to achieve ESLs was estimated assuming a maximum excavation depth of 4 ft below ground, as summarized on Table 1. These distances correspond to the approximate decreases with in lead and pesticide concentrations between dripline and midpoint samples.

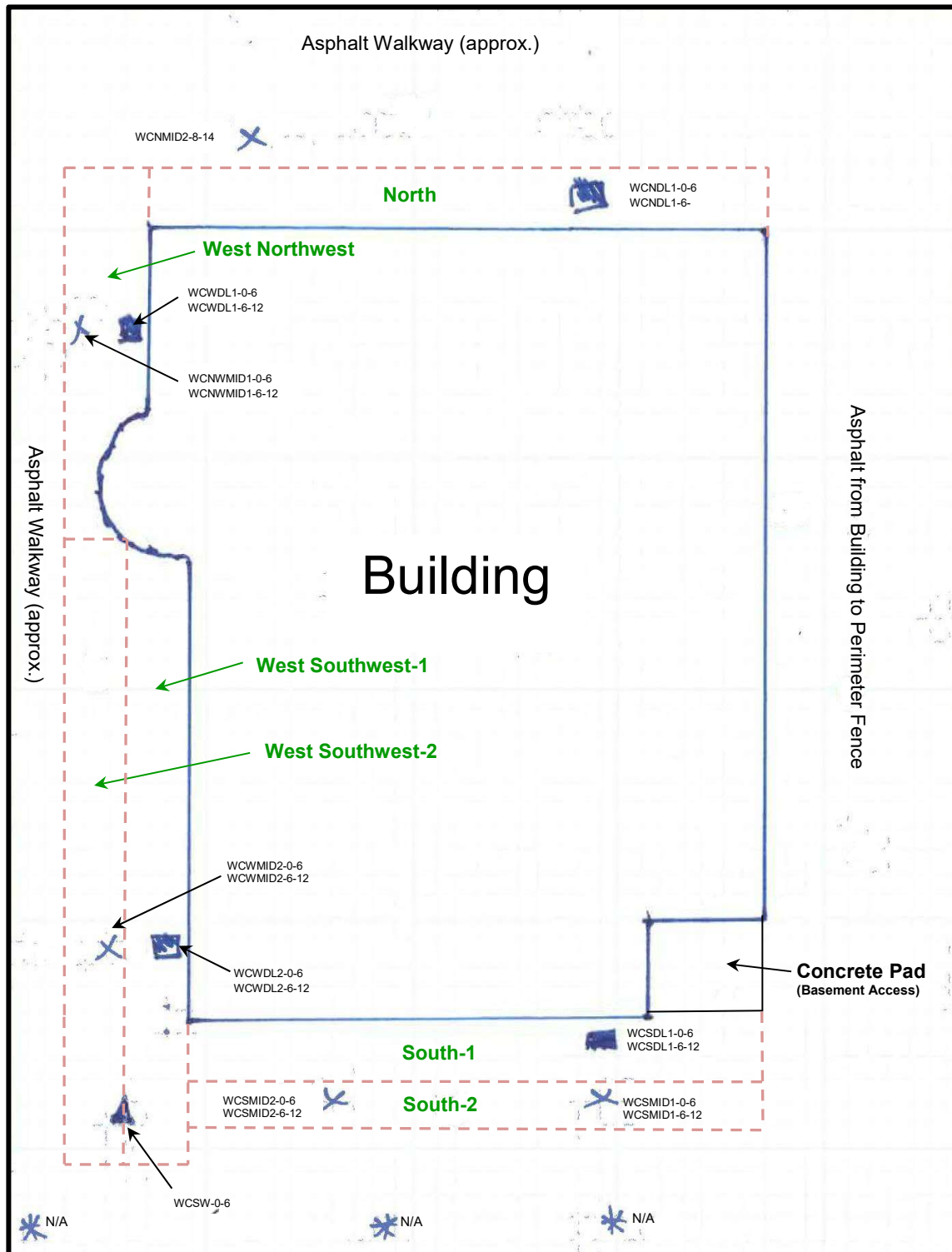
We appreciate the opportunity to be of service to you on this project. In addition to these services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Respectfully,
Terracon Consultants, Inc.


Stephen Farley, P.G. 4672
Senior Scientist


Steffen Steiner
Office Manager

Attachments
Exhibit 1 – Sampling Locations and Soil Removal Areas
Laboratory Report and Field Form



Dripline Sample
 Midpoint Sample
 Perimeter Sample

Southwest Sample
 N/A – Not Analyzed

Note: Preliminary Excavation Areas are Approximate. See Table 2 for Dimensions

Project Manager:	SMF
Drawn by:	SMF
Checked by:	SS
Approved by:	SMF
Project No.	R1187858
Scale:	1" = 12'
File Name:	
Date:	110/22/18

Terracon
 1466 66th St
 Emeryville, CA 94608-1014

Sampling Locations and Preliminary Excavation Areas
 White Cotton College
 Fairmont Hospital Campus

Exhibit

1



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1808E99

Report Created for: Terracon

1466 66th Street
Emeryville, CA 94608

Project Contact: Steve Farley

Project P.O.:

Project: White Cottage

Project Received: 08/31/2018

Analytical Report reviewed & approved for release on 09/10/2018 by:

Angela Rydelius
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.



DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS
NOT INTENDED FOR CONSTRUCTION PURPOSES

AERIAL PHOTOGRAPHY PROVIDED
BY MICROSOFT BING MAPS

Project Manager: SMF	Project No.	 1466 66th St Emeryville, CA 94608-1014	SITE DIAGRAM	Exhibit
Drawn by: SMF	Scale:			2
Checked by: SS	File Name: --			
Approved by: SMF	Date:			



Glossary of Terms & Qualifier Definitions

Client: Terracon
Project: White Cottage
WorkOrder: 1808E99

Glossary Abbreviation

95% Interval	95% Confident Interval
c	Serial Dilution Percent Difference
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Glossary of Terms & Qualifier Definitions

Client: Terracon
Project: White Cottage
WorkOrder: 1808E99

Analytical Qualifiers

P	Agreement between quantitative confirmation results exceed method recommended limits
S	Surrogate spike recovery outside accepted recovery limits
a1	Sample diluted due to matrix interference
a2	Sample diluted due to cluttered chromatogram
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.

Quality Control Qualifiers

F13	Indigenous sample results too high for a representative matrix spike analysis.
-----	--



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCNDL1-0-6	1808E99-001A	Soil	08/29/2018 09:22	GC40 09091861.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.10	1,000	09/09/2018 23:46
a-BHC	ND		0.10	1,000	09/09/2018 23:46
b-BHC	ND		0.30	1,000	09/09/2018 23:46
d-BHC	ND		0.20	1,000	09/09/2018 23:46
g-BHC	ND		0.10	1,000	09/09/2018 23:46
Chlordane (Technical)	8.4		2.5	1,000	09/09/2018 23:46
a-Chlordane	0.75		0.10	1,000	09/09/2018 23:46
g-Chlordane	0.83		0.10	1,000	09/09/2018 23:46
p,p-DDD	ND		0.10	1,000	09/09/2018 23:46
p,p-DDE	0.23		0.10	1,000	09/09/2018 23:46
p,p-DDT	0.15	P	0.10	1,000	09/09/2018 23:46
Dieldrin	ND		0.10	1,000	09/09/2018 23:46
Endosulfan I	ND		0.10	1,000	09/09/2018 23:46
Endosulfan II	ND		0.10	1,000	09/09/2018 23:46
Endosulfan sulfate	ND		0.10	1,000	09/09/2018 23:46
Endrin	ND		0.10	1,000	09/09/2018 23:46
Endrin aldehyde	ND		0.10	1,000	09/09/2018 23:46
Endrin ketone	ND		0.10	1,000	09/09/2018 23:46
Heptachlor	ND		0.10	1,000	09/09/2018 23:46
Heptachlor epoxide	ND		0.10	1,000	09/09/2018 23:46
Hexachlorobenzene	ND		1.0	1,000	09/09/2018 23:46
Hexachlorocyclopentadiene	ND		2.0	1,000	09/09/2018 23:46
Methoxychlor	ND		0.20	1,000	09/09/2018 23:46
Toxaphene	ND		5.0	1,000	09/09/2018 23:46

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	690	S	20-145	09/09/2018 23:46

Analyst(s): KX

Analytical Comments: a1,a2,c1

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCNDL1-6-12	1808E99-002A	Soil	08/29/2018 09:22	GC40 09091862.d	164427

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.020	200	09/09/2018 23:59
a-BHC	ND	0.020	200	09/09/2018 23:59
b-BHC	ND	0.060	200	09/09/2018 23:59
d-BHC	ND	0.040	200	09/09/2018 23:59
g-BHC	ND	0.020	200	09/09/2018 23:59
Chlordane (Technical)	1.7	0.50	200	09/09/2018 23:59
a-Chlordane	0.16	0.020	200	09/09/2018 23:59
g-Chlordane	0.17	0.020	200	09/09/2018 23:59
p,p-DDD	ND	0.020	200	09/09/2018 23:59
p,p-DDE	ND	0.020	200	09/09/2018 23:59
p,p-DDT	0.024	0.020	200	09/09/2018 23:59
Dieldrin	ND	0.020	200	09/09/2018 23:59
Endosulfan I	ND	0.020	200	09/09/2018 23:59
Endosulfan II	ND	0.020	200	09/09/2018 23:59
Endosulfan sulfate	ND	0.020	200	09/09/2018 23:59
Endrin	ND	0.020	200	09/09/2018 23:59
Endrin aldehyde	ND	0.020	200	09/09/2018 23:59
Endrin ketone	ND	0.020	200	09/09/2018 23:59
Heptachlor	ND	0.020	200	09/09/2018 23:59
Heptachlor epoxide	ND	0.020	200	09/09/2018 23:59
Hexachlorobenzene	ND	0.20	200	09/09/2018 23:59
Hexachlorocyclopentadiene	ND	0.40	200	09/09/2018 23:59
Methoxychlor	ND	0.040	200	09/09/2018 23:59
Toxaphene	ND	1.0	200	09/09/2018 23:59

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	185	S	20-145	09/09/2018 23:59

Analyst(s): KX

Analytical Comments: a1,a2,c1

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSDL1-0-6	1808E99-003A	Soil	08/29/2018 11:15	GC40 09091863.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.050	500	09/10/2018 00:13
a-BHC	ND		0.050	500	09/10/2018 00:13
b-BHC	ND		0.15	500	09/10/2018 00:13
d-BHC	ND		0.10	500	09/10/2018 00:13
g-BHC	ND		0.050	500	09/10/2018 00:13
Chlordane (Technical)	4.1		1.2	500	09/10/2018 00:13
a-Chlordane	0.41		0.050	500	09/10/2018 00:13
g-Chlordane	0.35	P	0.050	500	09/10/2018 00:13
p,p-DDD	ND		0.050	500	09/10/2018 00:13
p,p-DDE	0.35		0.050	500	09/10/2018 00:13
p,p-DDT	0.35		0.050	500	09/10/2018 00:13
Dieldrin	0.074		0.050	500	09/10/2018 00:13
Endosulfan I	0.43	P	0.050	500	09/10/2018 00:13
Endosulfan II	ND		0.050	500	09/10/2018 00:13
Endosulfan sulfate	ND		0.050	500	09/10/2018 00:13
Endrin	ND		0.050	500	09/10/2018 00:13
Endrin aldehyde	ND		0.050	500	09/10/2018 00:13
Endrin ketone	ND		0.050	500	09/10/2018 00:13
Heptachlor	ND		0.050	500	09/10/2018 00:13
Heptachlor epoxide	ND		0.050	500	09/10/2018 00:13
Hexachlorobenzene	ND		0.50	500	09/10/2018 00:13
Hexachlorocyclopentadiene	ND		1.0	500	09/10/2018 00:13
Methoxychlor	ND		0.10	500	09/10/2018 00:13
Toxaphene	ND		2.5	500	09/10/2018 00:13

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	398	S	20-145	09/10/2018 00:13

Analyst(s): KX

Analytical Comments: a1,a2,c1

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSDL1-6-12	1808E99-004A	Soil	08/29/2018 11:20	GC40 09091864.d	164427
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aldrin	ND		0.020	200	09/10/2018 00:27
a-BHC	ND		0.020	200	09/10/2018 00:27
b-BHC	ND		0.060	200	09/10/2018 00:27
d-BHC	ND		0.040	200	09/10/2018 00:27
g-BHC	ND		0.020	200	09/10/2018 00:27
Chlordane (Technical)	2.2		0.50	200	09/10/2018 00:27
a-Chlordane	0.21		0.020	200	09/10/2018 00:27
g-Chlordane	0.18	P	0.020	200	09/10/2018 00:27
p,p-DDD	ND		0.020	200	09/10/2018 00:27
p,p-DDE	0.20		0.020	200	09/10/2018 00:27
p,p-DDT	0.17		0.020	200	09/10/2018 00:27
Dieldrin	0.034		0.020	200	09/10/2018 00:27
Endosulfan I	0.22	P	0.020	200	09/10/2018 00:27
Endosulfan II	ND		0.020	200	09/10/2018 00:27
Endosulfan sulfate	ND		0.020	200	09/10/2018 00:27
Endrin	ND		0.020	200	09/10/2018 00:27
Endrin aldehyde	ND		0.020	200	09/10/2018 00:27
Endrin ketone	ND		0.020	200	09/10/2018 00:27
Heptachlor	ND		0.020	200	09/10/2018 00:27
Heptachlor epoxide	ND		0.020	200	09/10/2018 00:27
Hexachlorobenzene	ND		0.20	200	09/10/2018 00:27
Hexachlorocyclopentadiene	ND		0.40	200	09/10/2018 00:27
Methoxychlor	ND		0.040	200	09/10/2018 00:27
Toxaphene	ND		1.0	200	09/10/2018 00:27
<u>Surrogates</u>	<u>REC (%)</u>	<u>Qualifiers</u>	<u>Limits</u>		
Decachlorobiphenyl	210	S	20-145		09/10/2018 00:27
<u>Analyst(s):</u> KX			<u>Analytical Comments:</u> a1,a2,c1		

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL1-0-6	1808E99-005A	Soil	08/29/2018 10:33	GC40 09091871.d	164427
Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.050	500	09/10/2018 02:05
a-BHC	ND		0.050	500	09/10/2018 02:05
b-BHC	ND		0.15	500	09/10/2018 02:05
d-BHC	ND		0.10	500	09/10/2018 02:05
g-BHC	ND		0.050	500	09/10/2018 02:05
Chlordane (Technical)	10		1.2	500	09/10/2018 02:05
a-Chlordane	1.0		0.050	500	09/10/2018 02:05
g-Chlordane	1.0		0.050	500	09/10/2018 02:05
p,p-DDD	ND		0.050	500	09/10/2018 02:05
p,p-DDE	0.067		0.050	500	09/10/2018 02:05
p,p-DDT	0.25		0.050	500	09/10/2018 02:05
Dieldrin	ND		0.050	500	09/10/2018 02:05
Endosulfan I	0.69	P	0.050	500	09/10/2018 02:05
Endosulfan II	ND		0.050	500	09/10/2018 02:05
Endosulfan sulfate	ND		0.050	500	09/10/2018 02:05
Endrin	ND		0.050	500	09/10/2018 02:05
Endrin aldehyde	ND		0.050	500	09/10/2018 02:05
Endrin ketone	ND		0.050	500	09/10/2018 02:05
Heptachlor	ND		0.050	500	09/10/2018 02:05
Heptachlor epoxide	ND		0.050	500	09/10/2018 02:05
Hexachlorobenzene	ND		0.50	500	09/10/2018 02:05
Hexachlorocyclopentadiene	ND		1.0	500	09/10/2018 02:05
Methoxychlor	ND		0.10	500	09/10/2018 02:05
Toxaphene	ND		2.5	500	09/10/2018 02:05
Surrogates	REC (%)	Qualifiers	Limits		
Decachlorobiphenyl	995	S	20-145		09/10/2018 02:05
Analyst(s): KX			Analytical Comments: a1,a2,c1		

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL1-6-12	1808E99-006A	Soil	08/29/2018 10:36	GC40 09091872.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.020	200	09/10/2018 02:19
a-BHC	ND		0.020	200	09/10/2018 02:19
b-BHC	ND		0.060	200	09/10/2018 02:19
d-BHC	ND		0.040	200	09/10/2018 02:19
g-BHC	ND		0.020	200	09/10/2018 02:19
Chlordane (Technical)	1.4		0.50	200	09/10/2018 02:19
a-Chlordane	0.13		0.020	200	09/10/2018 02:19
g-Chlordane	0.13		0.020	200	09/10/2018 02:19
p,p-DDD	ND		0.020	200	09/10/2018 02:19
p,p-DDE	ND		0.020	200	09/10/2018 02:19
p,p-DDT	0.038		0.020	200	09/10/2018 02:19
Dieldrin	ND		0.020	200	09/10/2018 02:19
Endosulfan I	0.10	P	0.020	200	09/10/2018 02:19
Endosulfan II	ND		0.020	200	09/10/2018 02:19
Endosulfan sulfate	ND		0.020	200	09/10/2018 02:19
Endrin	ND		0.020	200	09/10/2018 02:19
Endrin aldehyde	ND		0.020	200	09/10/2018 02:19
Endrin ketone	ND		0.020	200	09/10/2018 02:19
Heptachlor	ND		0.020	200	09/10/2018 02:19
Heptachlor epoxide	ND		0.020	200	09/10/2018 02:19
Hexachlorobenzene	ND		0.20	200	09/10/2018 02:19
Hexachlorocyclopentadiene	ND		0.40	200	09/10/2018 02:19
Methoxychlor	ND		0.040	200	09/10/2018 02:19
Toxaphene	ND		1.0	200	09/10/2018 02:19

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	187	S	20-145	09/10/2018 02:19

Analyst(s): KX

Analytical Comments: a1,a2,c1

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Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL2-0-6	1808E99-007A	Soil	08/29/2018 10:53	GC40 09091873.d	164427

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.020	200	09/10/2018 02:33
a-BHC	ND	0.020	200	09/10/2018 02:33
b-BHC	ND	0.060	200	09/10/2018 02:33
d-BHC	ND	0.040	200	09/10/2018 02:33
g-BHC	ND	0.020	200	09/10/2018 02:33
Chlordane (Technical)	1.7	0.50	200	09/10/2018 02:33
a-Chlordane	0.17	0.020	200	09/10/2018 02:33
g-Chlordane	0.15	0.020	200	09/10/2018 02:33
p,p-DDD	ND	0.020	200	09/10/2018 02:33
p,p-DDE	ND	0.020	200	09/10/2018 02:33
p,p-DDT	0.034	0.020	200	09/10/2018 02:33
Dieldrin	ND	0.020	200	09/10/2018 02:33
Endosulfan I	ND	0.020	200	09/10/2018 02:33
Endosulfan II	ND	0.020	200	09/10/2018 02:33
Endosulfan sulfate	ND	0.020	200	09/10/2018 02:33
Endrin	ND	0.020	200	09/10/2018 02:33
Endrin aldehyde	ND	0.020	200	09/10/2018 02:33
Endrin ketone	ND	0.020	200	09/10/2018 02:33
Heptachlor	ND	0.020	200	09/10/2018 02:33
Heptachlor epoxide	ND	0.020	200	09/10/2018 02:33
Hexachlorobenzene	ND	0.20	200	09/10/2018 02:33
Hexachlorocyclopentadiene	ND	0.40	200	09/10/2018 02:33
Methoxychlor	ND	0.040	200	09/10/2018 02:33
Toxaphene	ND	1.0	200	09/10/2018 02:33

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	234	S	20-145	09/10/2018 02:33

Analyst(s): KX

Analytical Comments: a1,a2,c1

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Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL2-6-12	1808E99-008A	Soil	08/29/2018 10:53	GC40 09091874.d	164427
<u>Analytes</u>	<u>Result</u>	<u>Qualifiers</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aldrin	ND		0.0050	50	09/10/2018 02:47
a-BHC	ND		0.0050	50	09/10/2018 02:47
b-BHC	ND		0.015	50	09/10/2018 02:47
d-BHC	ND		0.010	50	09/10/2018 02:47
g-BHC	ND		0.0050	50	09/10/2018 02:47
Chlordane (Technical)	0.50		0.12	50	09/10/2018 02:47
a-Chlordane	0.049		0.0050	50	09/10/2018 02:47
g-Chlordane	0.046		0.0050	50	09/10/2018 02:47
p,p-DDD	ND		0.0050	50	09/10/2018 02:47
p,p-DDE	ND		0.0050	50	09/10/2018 02:47
p,p-DDT	0.0088		0.0050	50	09/10/2018 02:47
Dieldrin	ND		0.0050	50	09/10/2018 02:47
Endosulfan I	0.040	P	0.0050	50	09/10/2018 02:47
Endosulfan II	ND		0.0050	50	09/10/2018 02:47
Endosulfan sulfate	ND		0.0050	50	09/10/2018 02:47
Endrin	ND		0.0050	50	09/10/2018 02:47
Endrin aldehyde	ND		0.0050	50	09/10/2018 02:47
Endrin ketone	ND		0.0050	50	09/10/2018 02:47
Heptachlor	ND		0.0050	50	09/10/2018 02:47
Heptachlor epoxide	ND		0.0050	50	09/10/2018 02:47
Hexachlorobenzene	ND		0.050	50	09/10/2018 02:47
Hexachlorocyclopentadiene	ND		0.10	50	09/10/2018 02:47
Methoxychlor	ND		0.010	50	09/10/2018 02:47
Toxaphene	ND		0.25	50	09/10/2018 02:47
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	136		20-145		09/10/2018 02:47
<u>Analyst(s):</u> KX		<u>Analytical Comments:</u> a1,a2			

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCNMID2-8-14	1808E99-009A	Soil	08/29/2018 09:48	GC40 09071829.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.00010	1	09/07/2018 23:21
a-BHC	ND		0.00010	1	09/07/2018 23:21
b-BHC	ND		0.00030	1	09/07/2018 23:21
d-BHC	ND		0.00020	1	09/07/2018 23:21
g-BHC	ND		0.00010	1	09/07/2018 23:21
Chlordane (Technical)	ND		0.0025	1	09/07/2018 23:21
a-Chlordane	0.00012		0.00010	1	09/07/2018 23:21
g-Chlordane	0.00013	P	0.00010	1	09/07/2018 23:21
p,p-DDD	0.00032		0.00010	1	09/07/2018 23:21
p,p-DDE	0.00013		0.00010	1	09/07/2018 23:21
p,p-DDT	0.0014		0.00010	1	09/07/2018 23:21
Dieldrin	ND		0.00010	1	09/07/2018 23:21
Endosulfan I	ND		0.00010	1	09/07/2018 23:21
Endosulfan II	ND		0.00010	1	09/07/2018 23:21
Endosulfan sulfate	ND		0.00010	1	09/07/2018 23:21
Endrin	ND		0.00010	1	09/07/2018 23:21
Endrin aldehyde	ND		0.00010	1	09/07/2018 23:21
Endrin ketone	ND		0.00010	1	09/07/2018 23:21
Heptachlor	ND		0.00010	1	09/07/2018 23:21
Heptachlor epoxide	ND		0.00010	1	09/07/2018 23:21
Hexachlorobenzene	ND		0.0010	1	09/07/2018 23:21
Hexachlorocyclopentadiene	ND		0.0020	1	09/07/2018 23:21
Methoxychlor	ND		0.00020	1	09/07/2018 23:21
Toxaphene	ND		0.0050	1	09/07/2018 23:21

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	81	20-145	09/07/2018 23:21

Analyst(s): KX

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSMD1-0-6	1808E99-010A	Soil	08/29/2018 11:35	GC40 09071830.d	164427

Analytes	Result	RL	DF	Date Analyzed
Aldrin	ND	0.00010	1	09/07/2018 23:34
a-BHC	ND	0.00010	1	09/07/2018 23:34
b-BHC	ND	0.00030	1	09/07/2018 23:34
d-BHC	ND	0.00020	1	09/07/2018 23:34
g-BHC	ND	0.00010	1	09/07/2018 23:34
Chlordane (Technical)	0.033	0.0025	1	09/07/2018 23:34
a-Chlordane	0.0027	0.00010	1	09/07/2018 23:34
g-Chlordane	0.0036	0.00010	1	09/07/2018 23:34
p,p-DDD	ND	0.00010	1	09/07/2018 23:34
p,p-DDE	0.014	0.00010	1	09/07/2018 23:34
p,p-DDT	0.013	0.00010	1	09/07/2018 23:34
Dieldrin	0.00048	0.00010	1	09/07/2018 23:34
Endosulfan I	ND	0.00010	1	09/07/2018 23:34
Endosulfan II	ND	0.00010	1	09/07/2018 23:34
Endosulfan sulfate	ND	0.00010	1	09/07/2018 23:34
Endrin	ND	0.00010	1	09/07/2018 23:34
Endrin aldehyde	ND	0.00010	1	09/07/2018 23:34
Endrin ketone	ND	0.00010	1	09/07/2018 23:34
Heptachlor	ND	0.00010	1	09/07/2018 23:34
Heptachlor epoxide	ND	0.00010	1	09/07/2018 23:34
Hexachlorobenzene	ND	0.0010	1	09/07/2018 23:34
Hexachlorocyclopentadiene	ND	0.0020	1	09/07/2018 23:34
Methoxychlor	ND	0.00020	1	09/07/2018 23:34
Toxaphene	ND	0.0050	1	09/07/2018 23:34

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	106	20-145	09/07/2018 23:34

Analyst(s): KX

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSMD1-6-12	1808E99-011A	Soil	08/29/2018 11:40	GC40 09071831.d	164427
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aldrin	ND		0.00010	1	09/07/2018 23:49
a-BHC	ND		0.00010	1	09/07/2018 23:49
b-BHC	ND		0.00030	1	09/07/2018 23:49
d-BHC	ND		0.00020	1	09/07/2018 23:49
g-BHC	ND		0.00010	1	09/07/2018 23:49
Chlordane (Technical)	ND		0.0025	1	09/07/2018 23:49
a-Chlordane	ND		0.00010	1	09/07/2018 23:49
g-Chlordane	ND		0.00010	1	09/07/2018 23:49
p,p-DDD	ND		0.00010	1	09/07/2018 23:49
p,p-DDE	0.00057		0.00010	1	09/07/2018 23:49
p,p-DDT	0.00052		0.00010	1	09/07/2018 23:49
Dieldrin	ND		0.00010	1	09/07/2018 23:49
Endosulfan I	ND		0.00010	1	09/07/2018 23:49
Endosulfan II	ND		0.00010	1	09/07/2018 23:49
Endosulfan sulfate	ND		0.00010	1	09/07/2018 23:49
Endrin	ND		0.00010	1	09/07/2018 23:49
Endrin aldehyde	ND		0.00010	1	09/07/2018 23:49
Endrin ketone	ND		0.00010	1	09/07/2018 23:49
Heptachlor	ND		0.00010	1	09/07/2018 23:49
Heptachlor epoxide	ND		0.00010	1	09/07/2018 23:49
Hexachlorobenzene	ND		0.0010	1	09/07/2018 23:49
Hexachlorocyclopentadiene	ND		0.0020	1	09/07/2018 23:49
Methoxychlor	ND		0.00020	1	09/07/2018 23:49
Toxaphene	ND		0.0050	1	09/07/2018 23:49
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	101		20-145		09/07/2018 23:49
<u>Analyst(s):</u> KX					

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSMID2-0-6	1808E99-012A	Soil	08/29/2018 14:30	GC40 09091875.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.0050	50	09/10/2018 03:01
a-BHC	ND		0.0050	50	09/10/2018 03:01
b-BHC	ND		0.015	50	09/10/2018 03:01
d-BHC	ND		0.010	50	09/10/2018 03:01
g-BHC	ND		0.0050	50	09/10/2018 03:01
Chlordane (Technical)	0.28		0.12	50	09/10/2018 03:01
a-Chlordane	0.023		0.0050	50	09/10/2018 03:01
g-Chlordane	0.015	P	0.0050	50	09/10/2018 03:01
p,p-DDD	ND		0.0050	50	09/10/2018 03:01
p,p-DDE	ND		0.0050	50	09/10/2018 03:01
p,p-DDT	0.0068		0.0050	50	09/10/2018 03:01
Dieldrin	ND		0.0050	50	09/10/2018 03:01
Endosulfan I	0.029	P	0.0050	50	09/10/2018 03:01
Endosulfan II	ND		0.0050	50	09/10/2018 03:01
Endosulfan sulfate	ND		0.0050	50	09/10/2018 03:01
Endrin	ND		0.0050	50	09/10/2018 03:01
Endrin aldehyde	ND		0.0050	50	09/10/2018 03:01
Endrin ketone	ND		0.0050	50	09/10/2018 03:01
Heptachlor	ND		0.0050	50	09/10/2018 03:01
Heptachlor epoxide	ND		0.0050	50	09/10/2018 03:01
Hexachlorobenzene	ND		0.050	50	09/10/2018 03:01
Hexachlorocyclopentadiene	ND		0.10	50	09/10/2018 03:01
Methoxychlor	ND		0.010	50	09/10/2018 03:01
Toxaphene	ND		0.25	50	09/10/2018 03:01

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	133	20-145	09/10/2018 03:01

Analyst(s): KX

Analytical Comments: a1,a2

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSMID2-6-12	1808E99-013A	Soil	08/29/2018 14:33	GC40 09091876.d	164427
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Aldrin	ND		0.0050	50	09/10/2018 03:15
a-BHC	ND		0.0050	50	09/10/2018 03:15
b-BHC	ND		0.015	50	09/10/2018 03:15
d-BHC	ND		0.010	50	09/10/2018 03:15
g-BHC	ND		0.0050	50	09/10/2018 03:15
Chlordane (Technical)	ND		0.12	50	09/10/2018 03:15
a-Chlordane	0.0073		0.0050	50	09/10/2018 03:15
g-Chlordane	0.0080		0.0050	50	09/10/2018 03:15
p,p-DDD	ND		0.0050	50	09/10/2018 03:15
p,p-DDE	ND		0.0050	50	09/10/2018 03:15
p,p-DDT	ND		0.0050	50	09/10/2018 03:15
Dieldrin	ND		0.0050	50	09/10/2018 03:15
Endosulfan I	0.0098		0.0050	50	09/10/2018 03:15
Endosulfan II	ND		0.0050	50	09/10/2018 03:15
Endosulfan sulfate	ND		0.0050	50	09/10/2018 03:15
Endrin	ND		0.0050	50	09/10/2018 03:15
Endrin aldehyde	ND		0.0050	50	09/10/2018 03:15
Endrin ketone	ND		0.0050	50	09/10/2018 03:15
Heptachlor	ND		0.0050	50	09/10/2018 03:15
Heptachlor epoxide	ND		0.0050	50	09/10/2018 03:15
Hexachlorobenzene	ND		0.050	50	09/10/2018 03:15
Hexachlorocyclopentadiene	ND		0.10	50	09/10/2018 03:15
Methoxychlor	ND		0.010	50	09/10/2018 03:15
Toxaphene	ND		0.25	50	09/10/2018 03:15
<u>Surrogates</u>	<u>REC (%)</u>		<u>Limits</u>		
Decachlorobiphenyl	124		20-145		09/10/2018 03:15
<u>Analyst(s):</u> KX		<u>Analytical Comments:</u> a1,a2			

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID1-0-6	1808E99-014A	Soil	08/29/2018 10:43	GC40 09091877.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.010	100	09/10/2018 03:29
a-BHC	ND		0.010	100	09/10/2018 03:29
b-BHC	ND		0.030	100	09/10/2018 03:29
d-BHC	ND		0.020	100	09/10/2018 03:29
g-BHC	ND		0.010	100	09/10/2018 03:29
Chlordane (Technical)	1.8		0.25	100	09/10/2018 03:29
a-Chlordane	0.17		0.010	100	09/10/2018 03:29
g-Chlordane	0.16		0.010	100	09/10/2018 03:29
p,p-DDD	ND		0.010	100	09/10/2018 03:29
p,p-DDE	0.092		0.010	100	09/10/2018 03:29
p,p-DDT	0.14		0.010	100	09/10/2018 03:29
Dieldrin	ND		0.010	100	09/10/2018 03:29
Endosulfan I	0.16	P	0.010	100	09/10/2018 03:29
Endosulfan II	ND		0.010	100	09/10/2018 03:29
Endosulfan sulfate	ND		0.010	100	09/10/2018 03:29
Endrin	ND		0.010	100	09/10/2018 03:29
Endrin aldehyde	ND		0.010	100	09/10/2018 03:29
Endrin ketone	ND		0.010	100	09/10/2018 03:29
Heptachlor	ND		0.010	100	09/10/2018 03:29
Heptachlor epoxide	0.010		0.010	100	09/10/2018 03:29
Hexachlorobenzene	ND		0.10	100	09/10/2018 03:29
Hexachlorocyclopentadiene	ND		0.20	100	09/10/2018 03:29
Methoxychlor	0.025		0.020	100	09/10/2018 03:29
Toxaphene	ND		0.50	100	09/10/2018 03:29

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	223	S	20-145	09/10/2018 03:29

Analyst(s): KX

Analytical Comments: a1,a2,c1

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID1-6-12	1808E99-015A	Soil	08/29/2018 10:43	GC40 09091878.d	164427
Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.010	100	09/10/2018 03:43
a-BHC	ND		0.010	100	09/10/2018 03:43
b-BHC	ND		0.030	100	09/10/2018 03:43
d-BHC	ND		0.020	100	09/10/2018 03:43
g-BHC	ND		0.010	100	09/10/2018 03:43
Chlordane (Technical)	1.1		0.25	100	09/10/2018 03:43
a-Chlordane	0.11		0.010	100	09/10/2018 03:43
g-Chlordane	0.10		0.010	100	09/10/2018 03:43
p,p-DDD	ND		0.010	100	09/10/2018 03:43
p,p-DDE	0.12		0.010	100	09/10/2018 03:43
p,p-DDT	0.11		0.010	100	09/10/2018 03:43
Dieldrin	ND		0.010	100	09/10/2018 03:43
Endosulfan I	0.11	P	0.010	100	09/10/2018 03:43
Endosulfan II	ND		0.010	100	09/10/2018 03:43
Endosulfan sulfate	ND		0.010	100	09/10/2018 03:43
Endrin	ND		0.010	100	09/10/2018 03:43
Endrin aldehyde	ND		0.010	100	09/10/2018 03:43
Endrin ketone	ND		0.010	100	09/10/2018 03:43
Heptachlor	ND		0.010	100	09/10/2018 03:43
Heptachlor epoxide	ND		0.010	100	09/10/2018 03:43
Hexachlorobenzene	ND		0.10	100	09/10/2018 03:43
Hexachlorocyclopentadiene	ND		0.20	100	09/10/2018 03:43
Methoxychlor	ND		0.020	100	09/10/2018 03:43
Toxaphene	ND		0.50	100	09/10/2018 03:43
Surrogates	REC (%)	Qualifiers	Limits		
Decachlorobiphenyl	178	S	20-145		09/10/2018 03:43
Analyst(s): KX			Analytical Comments: a1,a2,c1		

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID2-0-6	1808E99-016A	Soil	08/29/2018 11:00	GC40 09091879.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.0020	20	09/10/2018 03:57
a-BHC	ND		0.0020	20	09/10/2018 03:57
b-BHC	ND		0.0060	20	09/10/2018 03:57
d-BHC	ND		0.0040	20	09/10/2018 03:57
g-BHC	ND		0.0020	20	09/10/2018 03:57
Chlordane (Technical)	0.28		0.050	20	09/10/2018 03:57
a-Chlordane	0.029		0.0020	20	09/10/2018 03:57
g-Chlordane	0.023		0.0020	20	09/10/2018 03:57
p,p-DDD	ND		0.0020	20	09/10/2018 03:57
p,p-DDE	0.063		0.0020	20	09/10/2018 03:57
p,p-DDT	0.10		0.0020	20	09/10/2018 03:57
Dieldrin	0.0065		0.0020	20	09/10/2018 03:57
Endosulfan I	0.029	P	0.0020	20	09/10/2018 03:57
Endosulfan II	ND		0.0020	20	09/10/2018 03:57
Endosulfan sulfate	ND		0.0020	20	09/10/2018 03:57
Endrin	ND		0.0020	20	09/10/2018 03:57
Endrin aldehyde	ND		0.0020	20	09/10/2018 03:57
Endrin ketone	ND		0.0020	20	09/10/2018 03:57
Heptachlor	ND		0.0020	20	09/10/2018 03:57
Heptachlor epoxide	0.0027		0.0020	20	09/10/2018 03:57
Hexachlorobenzene	ND		0.020	20	09/10/2018 03:57
Hexachlorocyclopentadiene	ND		0.040	20	09/10/2018 03:57
Methoxychlor	ND		0.0040	20	09/10/2018 03:57
Toxaphene	ND		0.10	20	09/10/2018 03:57

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	114	20-145	09/10/2018 03:57

Analyst(s): KX

Analytical Comments: a1,a2

(Cont.)

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Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID2-6-12	1808E99-017A	Soil	08/29/2018 11:00	GC40 09091880.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.0020	20	09/10/2018 04:11
a-BHC	ND		0.0020	20	09/10/2018 04:11
b-BHC	ND		0.0060	20	09/10/2018 04:11
d-BHC	ND		0.0040	20	09/10/2018 04:11
g-BHC	ND		0.0020	20	09/10/2018 04:11
Chlordane (Technical)	0.11		0.050	20	09/10/2018 04:11
a-Chlordane	0.010		0.0020	20	09/10/2018 04:11
g-Chlordane	0.0084	P	0.0020	20	09/10/2018 04:11
p,p-DDD	ND		0.0020	20	09/10/2018 04:11
p,p-DDE	0.034		0.0020	20	09/10/2018 04:11
p,p-DDT	0.045		0.0020	20	09/10/2018 04:11
Dieldrin	ND		0.0020	20	09/10/2018 04:11
Endosulfan I	0.011	P	0.0020	20	09/10/2018 04:11
Endosulfan II	ND		0.0020	20	09/10/2018 04:11
Endosulfan sulfate	ND		0.0020	20	09/10/2018 04:11
Endrin	ND		0.0020	20	09/10/2018 04:11
Endrin aldehyde	ND		0.0020	20	09/10/2018 04:11
Endrin ketone	ND		0.0020	20	09/10/2018 04:11
Heptachlor	ND		0.0020	20	09/10/2018 04:11
Heptachlor epoxide	ND		0.0020	20	09/10/2018 04:11
Hexachlorobenzene	ND		0.020	20	09/10/2018 04:11
Hexachlorocyclopentadiene	ND		0.040	20	09/10/2018 04:11
Methoxychlor	ND		0.0040	20	09/10/2018 04:11
Toxaphene	ND		0.10	20	09/10/2018 04:11

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	103	20-145	09/10/2018 04:11

Analyst(s): KX

Analytical Comments: a1,a2

(Cont.)

CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 9/5/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg

Organochlorine Pesticides

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSW-0-6	1808E99-018A	Soil	08/29/2018 11:08	GC40 09091887.d	164427

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Aldrin	ND		0.0020	20	09/10/2018 05:49
a-BHC	ND		0.0020	20	09/10/2018 05:49
b-BHC	ND		0.0060	20	09/10/2018 05:49
d-BHC	ND		0.0040	20	09/10/2018 05:49
g-BHC	ND		0.0020	20	09/10/2018 05:49
Chlordane (Technical)	0.21		0.050	20	09/10/2018 05:49
a-Chlordane	0.022		0.0020	20	09/10/2018 05:49
g-Chlordane	0.019	P	0.0020	20	09/10/2018 05:49
p,p-DDD	ND		0.0020	20	09/10/2018 05:49
p,p-DDE	0.017		0.0020	20	09/10/2018 05:49
p,p-DDT	0.036		0.0020	20	09/10/2018 05:49
Dieldrin	ND		0.0020	20	09/10/2018 05:49
Endosulfan I	0.0029	P	0.0020	20	09/10/2018 05:49
Endosulfan II	ND		0.0020	20	09/10/2018 05:49
Endosulfan sulfate	ND		0.0020	20	09/10/2018 05:49
Endrin	ND		0.0020	20	09/10/2018 05:49
Endrin aldehyde	ND		0.0020	20	09/10/2018 05:49
Endrin ketone	ND		0.0020	20	09/10/2018 05:49
Heptachlor	ND		0.0020	20	09/10/2018 05:49
Heptachlor epoxide	0.0020		0.0020	20	09/10/2018 05:49
Hexachlorobenzene	ND		0.020	20	09/10/2018 05:49
Hexachlorocyclopentadiene	ND		0.040	20	09/10/2018 05:49
Methoxychlor	ND		0.0040	20	09/10/2018 05:49
Toxaphene	ND		0.10	20	09/10/2018 05:49

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	139	20-145	09/10/2018 05:49

Analyst(s): KX

Analytical Comments: a1,a2



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 8/31/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCNDL1-0-6	1808E99-001A	Soil	08/29/2018 09:22	ICP-MS3 019SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	210	0.50	1	09/04/2018 10:17

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	103	70-130	09/04/2018 10:17

Analyst(s): ND

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCNDL1-6-12	1808E99-002A	Soil	08/29/2018 09:22	ICP-MS2 032SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	190	0.50	1	09/04/2018 12:44

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	103	70-130	09/04/2018 12:44

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSDL1-0-6	1808E99-003A	Soil	08/29/2018 11:15	ICP-MS2 063SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	1200	5.0	10	09/04/2018 15:53

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	107	70-130	09/04/2018 15:53

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSDL1-6-12	1808E99-004A	Soil	08/29/2018 11:20	ICP-MS2 036SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	390	0.50	1	09/04/2018 13:09

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	111	70-130	09/04/2018 13:09

Analyst(s): MIG

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Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 8/31/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL1-0-6	1808E99-005A	Soil	08/29/2018 10:33	ICP-MS2 065SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	900	5.0	10	09/04/2018 16:06

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	95	70-130	09/04/2018 16:06

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL1-6-12	1808E99-006A	Soil	08/29/2018 10:36	ICP-MS2 038SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	160	0.50	1	09/04/2018 13:21

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	113	70-130	09/04/2018 13:21

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL2-0-6	1808E99-007A	Soil	08/29/2018 10:53	ICP-MS2 066SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	1100	5.0	10	09/04/2018 16:12

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	98	70-130	09/04/2018 16:12

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWDL2-6-12	1808E99-008A	Soil	08/29/2018 10:53	ICP-MS2 070SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	740	5.0	10	09/04/2018 16:36

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	98	70-130	09/04/2018 16:36

Analyst(s): MIG

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Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 8/31/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCNMID2-8-14	1808E99-009A	Soil	08/29/2018 09:48	ICP-MS2 044SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	3.3	0.50	1	09/04/2018 13:57

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	106	70-130	09/04/2018 13:57

Analyst(s): JC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCMSMID1-0-6	1808E99-010A	Soil	08/29/2018 11:35	ICP-MS2 045SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	63	0.50	1	09/04/2018 14:03

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	110	70-130	09/04/2018 14:03

Analyst(s): JC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCMSMID1-6-12	1808E99-011A	Soil	08/29/2018 11:40	ICP-MS2 046SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	3.4	0.50	1	09/04/2018 14:09

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	109	70-130	09/04/2018 14:09

Analyst(s): JC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCMSMID2-0-6	1808E99-012A	Soil	08/29/2018 14:30	ICP-MS2 047SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	110	0.50	1	09/04/2018 14:15

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	115	70-130	09/04/2018 14:15

Analyst(s): JC

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CA ELAP 1644 • NELAP 4033ORELAP



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 8/31/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSMID2-6-12	1808E99-013A	Soil	08/29/2018 14:33	ICP-MS2 048SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	31	0.50	1	09/04/2018 14:22

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	105	70-130	09/04/2018 14:22

Analyst(s): JC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID1-0-6	1808E99-014A	Soil	08/29/2018 10:43	ICP-MS2 049SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	400	0.50	1	09/04/2018 14:28

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	104	70-130	09/04/2018 14:28

Analyst(s): JC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID1-6-12	1808E99-015A	Soil	08/29/2018 10:43	ICP-MS2 062SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	890	5.0	10	09/04/2018 15:47

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	99	70-130	09/04/2018 15:47

Analyst(s): MIG

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID2-0-6	1808E99-016A	Soil	08/29/2018 11:00	ICP-MS2 051SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	290	0.50	1	09/04/2018 14:40

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	102	70-130	09/04/2018 14:40

Analyst(s): JC

(Cont.)



Analytical Report

Client: Terracon
Date Received: 8/31/18 15:50
Date Prepared: 8/31/18
Project: White Cottage

WorkOrder: 1808E99
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg

Lead

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCWMID2-6-12	1808E99-017A	Soil	08/29/2018 11:00	ICP-MS2 052SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	300	0.50	1	09/04/2018 14:46

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	110	70-130	09/04/2018 14:46

Analyst(s): JC

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
WCSW-0-6	1808E99-018A	Soil	08/29/2018 11:08	ICP-MS2 053SMPL.D	164282

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Lead	77	0.50	1	09/04/2018 14:52

<u>Surrogates</u>	<u>REC (%)</u>	<u>Limits</u>	
Terbium	106	70-130	09/04/2018 14:52

Analyst(s): JC



Quality Control Report

Client: Terracon
Date Prepared: 9/5/18
Date Analyzed: 9/6/18 - 9/7/18
Instrument: GC23
Matrix: Soil
Project: White Cottage

WorkOrder: 1808E99
BatchID: 164427
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-164427

QC Summary Report for SW8081A/8082

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.00010	-	-	-
a-BHC	ND	0.00010	-	-	-
b-BHC	ND	0.00030	-	-	-
d-BHC	ND	0.00020	-	-	-
g-BHC	ND	0.00010	-	-	-
Chlordane (Technical)	ND	0.0025	-	-	-
a-Chlordane	ND	0.00010	-	-	-
g-Chlordane	ND	0.00010	-	-	-
p,p-DDD	ND	0.00010	-	-	-
p,p-DDE	ND	0.00010	-	-	-
p,p-DDT	ND	0.00010	-	-	-
Dieldrin	ND	0.00010	-	-	-
Endosulfan I	ND	0.00010	-	-	-
Endosulfan II	ND	0.00010	-	-	-
Endosulfan sulfate	ND	0.00010	-	-	-
Endrin	ND	0.00010	-	-	-
Endrin aldehyde	ND	0.00010	-	-	-
Endrin ketone	ND	0.00010	-	-	-
Heptachlor	ND	0.00010	-	-	-
Heptachlor epoxide	ND	0.00010	-	-	-
Hexachlorobenzene	ND	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.0020	-	-	-
Methoxychlor	ND	0.00020	-	-	-
Toxaphene	ND	0.0050	-	-	-
Surrogate Recovery					
Decachlorobiphenyl	0.00495		0.0050	99	28-170

(Cont.)



Quality Control Report

Client: Terracon
Date Prepared: 9/5/18
Date Analyzed: 9/6/18 - 9/7/18
Instrument: GC23
Matrix: Soil
Project: White Cottage

WorkOrder: 1808E99
BatchID: 164427
Extraction Method: SW3550B/3640Am/3630Cm
Analytical Method: SW8081A
Unit: mg/kg
Sample ID: MB/LCS/LCSD-164427

QC Summary Report for SW8081A/8082

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.00495	0.00490	0.0050	99	98	31-155	1.10	20
a-BHC	0.00488	0.00488	0.0050	98	98	32-160	0	20
b-BHC	0.00472	0.00468	0.0050	94	94	44-149	0	20
d-BHC	0.00578	0.00576	0.0050	116	115	37-157	0.388	20
g-BHC	0.00517	0.00514	0.0050	103	103	43-154	0	20
a-Chlordane	0.00460	0.00466	0.0050	92	93	39-150	1.34	20
g-Chlordane	0.00468	0.00514	0.0050	94	103	39-151	9.34	20
p,p-DDD	0.00385	0.00397	0.0050	77	79	30-158	3.07	20
p,p-DDE	0.00475	0.00485	0.0050	95	97	47-149	2.17	20
p,p-DDT	0.00477	0.00506	0.0050	95	101	56-166	5.83	20
Dieldrin	0.00513	0.00517	0.0050	103	103	50-163	0	20
Endosulfan I	0.00455	0.00456	0.0050	91	91	45-159	0	20
Endosulfan II	0.00434	0.00445	0.0050	87	89	41-155	2.66	20
Endosulfan sulfate	0.00489	0.00513	0.0050	98	103	45-156	4.67	20
Endrin	0.00478	0.00487	0.0050	96	97	54-154	1.97	20
Endrin aldehyde	0.00475	0.00494	0.0050	95	99	27-159	3.81	20
Endrin ketone	0.00466	0.00492	0.0050	93	98	40-147	5.38	20
Heptachlor	0.00498	0.00493	0.0050	100	99	52-165	1.07	20
Heptachlor epoxide	0.00438	0.00433	0.0050	88	87	46-145	1.20	20
Hexachlorobenzene	0.00446	0.00444	0.0050	89	89	22-156	0	20
Hexachlorocyclopentadiene	0.00550	0.00548	0.0050	110	110	43-173	0	20
Methoxychlor	0.00456	0.00479	0.0050	91	96	49-150	4.99	20
Surrogate Recovery								
Decachlorobiphenyl	0.00455	0.00471	0.0050	91	94	28-170	3.40	20



Quality Control Report

Client: Terracon
Date Prepared: 8/31/18
Date Analyzed: 9/4/18
Instrument: ICP-MS3
Matrix: Soil
Project: White Cottage

WorkOrder: 1808E99
BatchID: 164282
Extraction Method: SW3050B
Analytical Method: SW6020
Unit: mg/Kg
Sample ID: MB/LCS/LCSD-164282
1808E99-001AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Lead	ND	0.50	-	-	-

Surrogate Recovery

Terbium	510		500	102	70-130
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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Lead	49.4	51.5	50	99	103	75-125	4.04	20

Surrogate Recovery

Terbium	507	528	500	101	106	70-130	4.04	20
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Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	444	286	50	214.3	459,F13	144,F13	75-125	43.1,F13	20

Surrogate Recovery

Terbium	530	517	500		106	103	70-130	2.44	20
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Analyte	DLT Result	DLTRef Val	%D	%D Limit
Lead	213	214.3	0.607	20

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.



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Pittsburg, CA 94565-1701
(925) 252-9262

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CHAIN-OF-CUSTODY RECORD

Page 1 of 2

WorkOrder: 1808E99

ClientCode: RGAE

☐ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

Report to:

Steve Farley
Terracon
1466 66th Street
Emeryville, CA 94608
(510) 547-7771 FAX: (510) 547-1983

Email: steve.farley@terracon.com

cc/3rd Party:

PO:

Project: White Cottage

Bill to:

Anita G. Ilsley
Terracon
1466 66th Street
Emeryville, CA 94608
anita.ilsley@rgaenv.com

Requested TAT: 5 days;

Date Received: 08/31/2018

Date Logged: 08/31/2018

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1808E99-001	WCNDL1-0-6	Soil	8/29/2018 09:22	☐	A	A										
1808E99-002	WCNDL1-6-12	Soil	8/29/2018 09:22	☐	A	A										
1808E99-003	WCSDL1-0-6	Soil	8/29/2018 11:15	☐	A	A										
1808E99-004	WCSDL1-6-12	Soil	8/29/2018 11:20	☐	A	A										
1808E99-005	WCWDL1-0-6	Soil	8/29/2018 10:33	☐	A	A										
1808E99-006	WCWDL1-6-12	Soil	8/29/2018 10:36	☐	A	A										
1808E99-007	WCWDL2-0-6	Soil	8/29/2018 10:53	☐	A	A										
1808E99-008	WCWDL2-6-12	Soil	8/29/2018 10:53	☐	A	A										
1808E99-009	WCNMID2-8-14	Soil	8/29/2018 09:48	☐	A	A										
1808E99-010	WCSMID1-0-6	Soil	8/29/2018 11:35	☐	A	A										
1808E99-011	WCSMID1-6-12	Soil	8/29/2018 11:40	☐	A	A										
1808E99-012	WCSMID2-0-6	Soil	8/29/2018 14:30	☐	A	A										
1808E99-013	WCSMID2-6-12	Soil	8/29/2018 14:33	☐	A	A										
1808E99-014	WCWMID1-0-6	Soil	8/29/2018 10:43	☐	A	A										
1808E99-015	WVWMID1-6-12	Soil	8/29/2018 10:43	☐	A	A										

Test Legend:

1	8081_S
5	
9	

2	PBMS_TTLC_S
6	
10	

3	
7	
11	

4	
8	
12	

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.



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CHAIN-OF-CUSTODY RECORD

Page 2 of 2

WorkOrder: 1808E99

ClientCode: RGAE

☐ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☐ Dry-Weight

Report to:

Steve Farley
Terracon
1466 66th Street
Emeryville, CA 94608
(510) 547-7771 FAX: (510) 547-1983

Email: steve.farley@terracon.com
cc/3rd Party:
PO:
Project: White Cottage

Bill to:

Anita G. Ilsley
Terracon
1466 66th Street
Emeryville, CA 94608
anita.ilsley@rgaenv.com

Requested TAT: 5 days;

Date Received: 08/31/2018

Date Logged: 08/31/2018

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1808E99-016	WCWMID2-0-6	Soil	8/29/2018 11:00	☐	A	A										
1808E99-017	WCWMID2-6-12	Soil	8/29/2018 11:00	☐	A	A										
1808E99-018	WCSW-0-6	Soil	8/29/2018 11:08	☐	A	A										

Test Legend:

1	8081_S
5	
9	

2	PBMS_TTLC_S
6	
10	

3	
7	
11	

4	
8	
12	

Prepared by: Kena Ponce

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: TERRACON

Project: White Cottage

Work Order: 1808E99

Client Contact: Steve Farley

QC Level: LEVEL 2

Contact's Email: steve.farley@terracon.com

Comments:

Date Logged: 8/31/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1808E99-001A	WCNDL1-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 9:22	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-002A	WCNDL1-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 9:22	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-003A	WCSDL1-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:15	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-004A	WCSDL1-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:20	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-005A	WCWDL1-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 10:33	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-006A	WCWDL1-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 10:36	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-007A	WCWDL2-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 10:53	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-008A	WCWDL2-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 10:53	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.



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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: TERRACON

Project: White Cottage

Work Order: 1808E99

Client Contact: Steve Farley

QC Level: LEVEL 2

Contact's Email: steve.farley@terracon.com

Comments:

Date Logged: 8/31/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De- chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1808E99-009A	WCNMID2-8-14	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 9:48	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-010A	WCSMID1-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:35	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-011A	WCSMID1-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:40	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-012A	WCSMID2-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 14:30	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-013A	WCSMID2-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 14:33	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-014A	WCWMID1-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 10:43	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-015A	WVWMID1-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 10:43	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-016A	WCWMID2-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:00	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: TERRACON
Client Contact: Steve Farley
Contact's Email: steve.farley@terracon.com

Project: White Cottage

Comments:

Work Order: 1808E99
QC Level: LEVEL 2
Date Logged: 8/31/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☒ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1808E99-017A	WCWMID2-6-12	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:00	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-018A	WCSW-0-6	Soil	SW6020 (Lead)	1	8OZ GJ, Unpres	☐	8/29/2018 11:08	5 days		☐	
			SW8081A (OC Pesticides)			☐		5 days		☐	
1808E99-019A	WCSP1-0-6	Soil		1	8OZ GJ, Unpres	☐	8/29/2018 11:50			☒	
1808E99-020A	WCSP2-0-6	Soil		1	8OZ GJ, Unpres	☐	8/29/2018 11:50			☒	
1808E99-021A	WCWP1-0-6	Soil		1	8OZ GJ, Unpres	☐	8/29/2018 14:30			☒	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

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Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=ZnOAc/NaOH 7=None

McCAMPBELL ANALYTICAL, INC.						CHAIN OF CUSTODY RECORD																
 1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701 Telephone: (877) 252-9262 / Fax: (925) 252-9269 www.mcccampbell.com main@mcccampbell.com						Turn Around Time: 1 Day Rush				2 Day Rush		3 Day Rush		STD		Quote #						
						J-Flag / MDL		ESL		Cleanup Approved				Bottle Order #								
						Delivery Format: PDF		GeoTracker EDF		EDD		Write On (DW)		EQuIS								
Report To: Steve Farley Bill To: Terracon						Analysis Requested																
Company: Terracon																						
Email: Steve.Farley@terracon.com																						
Alt Email: steff.steiner@terracon.com Tele: 510-899-7091																						
Project Name: White Cottage Project #:																						
Project Location: Fairmont Hospital PO #																						
Sampler Signature: <i>Stephen Steiner</i>						LEAD (6020) Pesticide (8081K)																
SAMPLE ID Location / Field Point		Sampling Date Time		#Containers	Matrix																	Preservative
*WCSP1-0-6 *		8/25 11:50		1	Soil																	Ice
*WCSP1-6-12																						
*WCSP2-0-6 *		8/29 11:50		1	Soil																	ICE
*WCSP2-6-12																						
*WCSP3-0-6																						
*WCSP3-6-12																						
*WCWP1-0-6 *		8/29 1430		1	Soil																	ICE
*WCWP1-6-12																						
*WCWP2-0-6																						
*WCWP2-6-12																						
MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.																						
* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.																Comments / Instructions *= Hold Sample Call Steve Farley 510-899-7049-7091 * DID NOT Receive Container.						
Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.																						
Relinquished By / Company Name				Date	Time	Received By / Company Name				Date	Time											
<i>Stephen Steiner</i> TERRACON				8/31/18	1358	<i>By</i>				8/31/18	1358											
				8/31/18	1550					8/31/18	1550											
Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other Preservative Code: 1=4°C 2=HCl 3=H ₂ SO ₄ 4=HNO ₃ 5=NaOH 6=ZnOAc/NaOH 7=None																						

Temp _____ °C Initials _____



Sample Receipt Checklist

Client Name: **Terracon**
Project: **White Cottage**

Date and Time Received: **8/31/2018 15:50**

Date Logged: **8/31/2018**

Received by: **Kena Ponce**

Logged by: **Kena Ponce**

WorkOrder No: **1808E99** Matrix: Soil

Carrier: Benjamin Yslas (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☒

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☒
Shipping container/cooler in good condition?	Yes ☒	No ☐	
Samples in proper containers/bottles?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☒	No ☐	NA ☐
Samples Received on Ice?	Yes ☒	No ☐	

(Ice Type: WET ICE)

Sample/Temp Blank temperature	Temp: 4.2°C	NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐ No ☐	NA ☒
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.8: ≤2; 525.3: ≤4; 530: ≤7; 541: <3; 544: <6.5 & 7.5)?	Yes ☐ No ☐	NA ☒
--	--	--

Free Chlorine tested and acceptable upon receipt (<0.1mg/L)?	Yes ☐ No ☐	NA ☒
--	--	--

Comments: Sample WCWP1-0-6 was not received.

DAILY OBSERVATION LOG		Page <u>1</u> of <u>3</u>	
PROJECT NAME	WHITE COTTON COTTONS	DATE	8/29/18
SITE ADDRESS	FAIRMONT HOST	PROJECT NUMBER	R11975840
CLIENT CONTACT	MICHAEL BISHOP	TERRACON REPRESENTATIVE	S. FARLEY
CLIENT PHONE NUMBER			

830 - ARRIVED ON SITE, MET JASON (COAL). APPROVED TO LOCK GATE AFTER COMPLETION OF JOBS

WCNDLI-0-6 - 13' NE, 2 1/2' → DRIPLINE ~~WET~~ ~~922~~

WCNDLI-6-12 ↓ ↓ Dry ↓

~~WCNDLI-0-6 13' NE 6' - MID LINE~~

~~WCNDLI-6-12~~ ↓ ↓

WCNDLI 2-8-14 ASPHALT @ 8" THICK AT 8' FROM DL, 30' NE

Surface sample - 8-14, 9/18

Rock ↓ @ 15"

ASPHALT & Concrete to @ 16"

WCNDLI-0-6 - 6' NW DRIPLINE ~~WET-DRY~~ 1033

WCNDLI-6-12 6' NW ↓ Dry 1036

WCNDLI-0-6 6' NW - 4' from DRIPLINE ~~WET-DRY~~ 1043

6-12 ↓ ↓ Dry ↓

WCNDLI 2-0-6- 40' NW DRIPLINE Slightly moist 1053

WCNDLI 2-6-12 40' NW DRIPLINE ↓ ↓

↳ Photo @ 16"

SIGNATURE: _____

DATE: _____

DAILY OBSERVATION LOG		Page <u>2</u> of <u>3</u>	
PROJECT NAME	WHITE LOTION BOLL	DATE	8/29/18
SITE ADDRESS	FAIRMONT RD ST	PROJECT NUMBER	R1187858
CLIENT CONTACT	MICHAEL BISHOP	TERRACON REPRESENTATIVE	B. FARLEY
CLIENT PHONE NUMBER			

WCW MED 2-0-6 - 40' NW 5' FROM DRIPLINE slightly moist 1100
 WCW MED 2-6-12 40' NW ↓ ↓

WC SW-0-6 10' SW CORNER slightly moist 1108
 Surface only, Pb only

WCSDL1-0-6 8' SE DRIPLINE DRY
 6-12 ↓ ↓
 LIMITED HORIZONTAL DUE TO CONCRETE & STAIRS

WCSMD1-0-6 8' SE 8' DRIPLINE DRY
 ↓ 6-12 ↓ ↓

ASPHALT CAP @ FOLLOWING LOCATIONS
 3 WEST PERIMETERS
 2 NORTH MED LINES
 1 EAST DRIPLINE
 2 EAST MED LINES
 1 NOA EAST

WCSP1-0-6 8^{SE} 12' FROM DRIPLINE LEAD ONLY DRY
 WCSP2-0-6 35' SE, 15' DRIPLINE ↓ DRY

SIGNATURE: _____

DATE: _____

DAILY OBSERVATION LOG		Page <u>3</u> of <u>3</u>	
PROJECT NAME	WHITE COTTON COT	DATE	8/29/18
SITE ADDRESS	FALMOUTH RD 50	PROJECT NUMBER	R1150858
CLIENT CONTACT	MICHAEL BISHOP	TERRACON REPRESENTATIVE	S. FARLEY
CLIENT PHONE NUMBER			

W C ^WPI-8^H - ^{8"} BELOW SURFACE ASPHALT LEAD ONLY
 8" THICK ASPHALT MOIST
 10' FROM DRIPLINE
 4' NW

W.C. SMID 2-0-4 30' ^{SE}; 4' DRIPLINE DRY
 6-12

ALBERTO - TERRACON ARRIVED @ 1300 to PROVIDE
 CORE DRILLING THROUGH ASPHALT, DID (2) TEST
 HOLES, WILL HAVE TO RETURN TO COMPLETE, AWAITING CLIENT
 RESPONSE - @ 8 CORES

NOA - 1E, 1F GRAY CRUSHED ROCK CONCRETE @ 14" DEPTH

SIGNATURE: _____

DATE: _____

White Cotton Cottage Asbestos Abatement & Lead Hazard Control

Project Site:

**White Cotton Cottage
15400 Foothill Boulevard
San Leandro, CA 94578**



Prepared For:

**Mr. Jason Garrison
Environmental Project Manager
Alameda County
1401 Lakeside Drive, Suite 800
Oakland, CA 94612**

Prepared By:



On behalf of:



EFI Global Project No. 9821502712

Aurora Project No. A2745

December 7, 2018

Table of Contents

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1.3.2	Lead	3
1.4	Waste Disposal	4
1.5	Conclusions.....	4
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Appendices

Appendix A – Analytical Laboratory Reports

Appendix B – Workers’ Training and Medical Documents

Appendix C – Waste Disposal Documents

Appendix D – Photographs

Appendix E – Daily Reports/Field Logs

1.0 TECHNICAL REPORT

1.1 Introduction

This technical report summarizes the findings and observations of Aurora Environmental Services, Inc.'s (Aurora ESI) Asbestos Abatement & Lead Hazard Control project at White Cotton Cottage in San Leandro, California (subject property/site). Aurora ESI provided project oversight on behalf of EFI Global, Inc. The abatement and lead hazard control project occurred between November 15, and December 5, 2018, and was conducted by RB Construction, Inc. working under the direction of Orea Construction, Inc.

After this Introduction, a Purpose and Scope of Services is given, Engineering Controls and Methods are described, Waste Disposal is discussed, and Conclusions and Recommendations are provided. There are five Appendices to this report:

- Appendix A – Analytical Laboratory Reports
- Appendix B – Workers' Training and Medical Documents
- Appendix C – Waste Disposal Documents
- Appendix D – Photographs
- Appendix E – Daily Reports/Field Logs

1.2 Purpose and Scope of Services

Prior to the abatement project, Terracon Consultants provided Alameda County with a *Supplemental Asbestos Sampling Report* dated September 13, 2018, enhancing the 2001 RGA Environmental, Inc. report. These reports were the basis of the bid specifications published by Alameda County. Prior to the commencement of abatement activities, Aurora ESI reviewed the subcontractor bid package for compliance with local, State and Federal regulatory regulations.

Below is a summary of the Asbestos Containing Materials (ACM) that were abated during this project:

- Approximately 400 square feet (ft²) of wallboard and joint compound;
- Approximately 12 linear feet of pipe insulation associated with the radiators;
- Approximately 200 ft² of 12"x12" light brown vinyl floor tile in the kitchen;
- Approximately 150 ft² of 12"x12" light brown (with streaks) vinyl floor tile in the northeast corner room of the first floor;
- Approximately 20 ft² of 12"x12" vinyl floor tile in the Laundry Room;
- Approximately 5 linear feet of pipe wrap associated with the domestic hot water lines in the basement;
- Approximately 1 square foot of asbestos paper associated with a light fixture located in the southeast room on the second floor.

Below is a summary of lead related work tasks that were completed for this project:

- Clean-up of visible paint chips on ground surfaces (i.e. soil, concrete, pavement, etc.) within a 5-foot distance from the building foundation. Clean-up included the removal of all vegetation, leaves, detritus, soil, etc. within a 5-foot distance from the building foundation. After clean-up was complete R.B. Construction installed a fabric barrier and then placed 1" of mulch within a 5-foot distance from the building foundation. Lead in soil concentrations ranged from 3.3 to 1,200 ppm; and
- Stabilization of loose and peeling exterior lead-based paint. Stabilization included scraping loose and peeling paint and then applying paint on all exterior painted surfaces. Lead concentrations of lead in paint ranged from 1,370-310,000 ppm.

It should be noted that the 200 square feet of vinyl floor tile under the carpet in the large basement office that was originally reported by Terracon Consultants was not observed upon removal of the basement carpet. Therefore, it was not included in the project abatement scope. Additionally, all roof penetration mastic was left in place at the request of Alameda County personnel, to prevent further degradation to the structural integrity of White Cotton Cottage.

Orea Construction, Inc. was selected as the general contractor for the White Cotton Cottage Hazardous Materials Abatement project. R.B. Construction, Inc. (RB) was subcontracted to perform the abatement of the interior ACM and stabilization of the exterior lead-containing paint. EFI Global, Inc. was selected as the County's Industrial Hygiene Consultant and they subcontracted with Aurora ESI to perform field work.

1.3 Engineering Controls and Methods

R.B. Construction had a Competent Person on-site at all times. The Competent Person's duties included assurance that the containment/work area and engineering controls utilized were in line with applicable regulations throughout the project. Proper Personal Protective Equipment (PPE), i.e., respirators, Tyvek suits, and goggles were donned by workers before entering the work area.

All worker certifications were current and up-to-date for the respective work that each laborer conducted.

1.3.1 Asbestos

Pre-job notifications, abatement of asbestos-containing materials, and waste disposal were conducted in accordance with applicable regulations, including 40 Code of Federal Regulation (CFR) Part 61.145, 40 CFR Part 61.150 (Asbestos National Emission Standards for Hazardous Air Pollutant (NESHAP)) and, Title 8 California Code of Regulations (CCR) Section 5203.

RB installed negative pressure enclosure inside the White Cotton Cottage that included the Kitchen, Laundry Room, Fireplace Hallway, Southeast Room, and Northeast Room. The entrance to the containment was through the Kitchen door, the two-stage decontamination chamber was constructed in the Mud Room, and the air exchanger was exhausted through the Bathroom window in the Northeast Room. A manometer was used to record a negative pressure in containment at -0.07 inches of water column. For the thermal system insulation (TSI) and the light fixture paper, pipe wrap and glove bags were used for abatement.

Wet methods were being used during abatement of the asbestos-containing materials.

Perimeter air samples were collected just outside the entrance to containment and at point of the negative air exhaust throughout the asbestos abatement work to check the effectiveness of the containment and engineering controls. Five (5) clearance asbestos samples were collected prior to deconstruction of the containment. All samples were delivered to LA Testing in South Pasadena, CA and analyzed using Phase Contrast Microscopy (PCM) NIOSH 7400 Method. Air sample results were below threshold of 0.01 fibers/cubic centimeter (f/cc).

Please refer **Table 1** below for air sampling summary.

Table 1: Asbestos Air Sampling Result Summary Table

Date	Perimeter Sample Results (fibers/cc)	Final Clearance Sample Results (fibers/cc)
11/20/2018		
Sample # 3	0.005	NA
11/26/2018		
Sample# 3	0.002	NA
Sample# 4	0.002	NA
11/28/2018		
Sample# 1	NA	<0.002
Sample# 2	NA	<0.002
Sample# 3	NA	0.002
Sample# 4	NA	0.003
Sample# 5	NA	0.002

1.3.2 Lead

Pre-job notification, preparation of work area, removal of loose and flaking paint, and waste disposal of lead waste were conducted in accordance with Title 8, CCR Section 1532.1, Title 17 CCR Sections 36050 and 36100.

RB used manual scraping techniques to remove the loose and flaking lead-based paint on the exterior of White Cotton Cottage. A layer of 6-mil polyethylene sheeting extending 10 feet from the base of the building was laid down to collect paint chip debris and the work area was regulated with yellow caution tape and lead warning signage. Ladders and a telescopic boom lift were used to reach elevated areas of the structure. A layer of Kelly-Moore 1240 AcryShield, 100% acrylic exterior flat paint, was sprayed onto scraped surfaces as the final encapsulation measure. After removal and encapsulation, RB removed the top inch of soil extending five (5) feet from the base of the structure. After cleanup was complete and Aurora ESI conducted a

post-removal visual inspection of the work area, RB installed a fabric barrier extending five feet out from the base of the building over the excavated soil area, and then applied a one-inch layer of mulch.

Two (2) perimeter lead air samples were collected per shift at the perimeter of the regulated work area to confirm effectiveness of the lead work engineering controls. The air sample locations were dependent on the specific work area during each shift. Lead perimeter air samples were delivered to LA Testing in South Pasadena, CA and analyzed using Flame Atomic Absorption Spectroscopy (AAS) (NIOSH 7082).

Please refer **Table 2** below for lead air sampling result summary:

Table 2: Lead Air Sampling Results Summary Table

Date	Lead (µg/m³)
11/20/2018	
Sample # 01	<6.0
Sample # 02	<4.0
11/20/2018	
Sample# 1	<3.0
Sample# 2	<3.0
11/21/2018	
Sample# 1	<33
Sample# 2	<33
11/26/2018	
Sample# 1	<2.9
Sample# 2	<2.9
11/28/2018	
Sample# 1	<3.7

Please refer **Appendix A** for the Laboratory Analytical Results for Asbestos and Lead.

Please refer **Appendix B** for worker documents.

1.4 Waste Disposal

Asbestos waste was stored in a lined 20 cubic yard (yd³) roll-off box and disposed as Non-RCRA California Hazardous Waste. Lead waste was placed in 55-gallon drums and stored at the southeast locked gate. Waste Characterization samples were collected by RB Construction on November 21 and analyzed for lead content using the Total Threshold Limit Concentration (TTLC), Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching

Procedure (TCLP). Both the soil and paint chip samples were determined to contain lead at hazardous concentrations and were disposed of as a RCRA hazardous waste.

Please refer **Appendix C** for the Waste Disposal Documents.

1.5 Conclusions

At the request of Alameda County Personnel, the 50 ft² area of roofing cement (roofing sealant) at roof penetrations and patches was left in place to prevent further degradation to the structural integrity of White Cotton Cottage. Aurora ESI and RB determined that there was no vinyl floor tile in the Basement under the carpet. All other ACM and lead hazards were addressed in accordance with the scope of work.

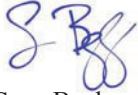
Appendix D contains photographs of the work process.

Appendix E contains copies of the daily reports/field logs maintained during the project.

Submitted by:

Aurora Environmental Services, Inc.

Prepared by:



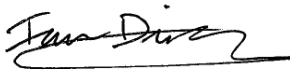
Sean Bagby
Cal-DOSH CSST #17-6057
Sr. Environmental Specialist
Date: December 7, 2018

Reviewed by:



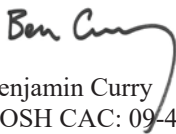
Kartik Bhatt
Cal-DOSH CAC #18-6270
Sr. Environmental Specialist
Date: December 7, 2018

Approved by:



Ian Dirk
Cal-DOSH CAC #15-5551
CDPH Lead Inspector/Assessor
and Project Monitor, #18250

Reviewed by:



Benjamin Curry
DOSH CAC: 09-4547
CDPH LRC
LIA/Supervisor: 20747

Department Manager
Environmental Health & Safety
EFI Global, Inc.

Professional Certifications and Disclaimer

This report was prepared for Alameda County and is based, in part, on information not within the control of Alameda County or the consultants. While it is believed that all information contained herein is reliable under the conditions and subject to the provisions set forth herein, Alameda County, nor the consultants guarantee the accuracy thereof. The use of this report, or any information contained herein, shall be at the user's sole risk, regardless of any fault or negligence of Alameda County, or the consultants. Use of this report or any information contained herein shall constitute a release and agreement to defend and indemnify Alameda County, and consultants from and against all liability (including, but not limited to, liability for special, indirect or consequential damages) whether arising in the contract or due Alameda County, and/or consultant's negligence, strict liability or otherwise.

The conclusions presented in this report are professional opinions based solely upon visual observations at the site and laboratory analysis of tested samples. They are intended exclusively for the purpose outlined herein, and for the site location and project indicated. This report is intended for the sole use of Alameda County. The use or re-use of this document or findings, conclusion or recommendations presented herein, by any of the parties is at the sole risk of said user.

Information and opinions presented herein apply to the existing and reasonably foreseeable site conditions at the time of our investigation. They cannot necessarily apply to site changes of which this office is unaware and has not had the opportunity to review. Changes in applicable standards may occur as a result of legislation or the broadening knowledge. Accordingly, findings of this report may be invalidated wholly, or in part, by changes beyond our control.

Aurora Environmental Services, Inc. trusts that the information presented herein provides the information you require. Should you have any questions or comments, please contact Aurora Environmental Services, Inc. This report, and all available supporting documents used to prepare the report, have been reviewed by the undersigned, an associate of Aurora Environmental Services, Inc. The signatory affirms that the abatement of ACM and stabilization of lead paint identified in the scope was conducted according to applicable state and federal regulations.

APPENDIX A
Analytical Laboratory Report

**LA Testing**

520 Mission Street, South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com>pasadenalab@latesting.com

LA Testing Order: 321826862

CustomerID: 32ANDE85

CustomerPO:

ProjectID:

Attn: **Ben Curry**
EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (888) 705-6300

Fax:

Received: 11/20/18 9:40 AM

Collected: 11/19/2018

Project: 9821502712/ White Cotton Cottage

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client Sample Description	Lab ID	Collected	Analyzed	Volume	Lead Concentration
01	321826862-0001	11/19/2018	11/20/2018	672 L	<6.0 µg/m³
	Site: South east corner				
02	321826862-0002	11/19/2018	11/20/2018	999 L	<4.0 µg/m³
	Site: South west corner				

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Reporting limit is 4 µg/filter. OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA, unless specifically indicated otherwise in the comment section. Unless otherwise noted, results in this report are not blank corrected. The Laboratory is not responsible for data reported in µg/m³ which is dependent on volume collected by non-laboratory personnel. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 11/20/2018 15:44:38



Laboratory
Chain of Custody

Turn Around Time - (Circle)
*Please select based on
laboratory being used

3hr

6hr

24hr

48hr

72hr

Standard

#321826862

EFI Global Project No.:	Project Name:	Sampling By:	Number of Samples:	Date(s) Collected:	Page No.:	Total Pages
9821502712	White cotton cotton	K. Bhatt	2	11.19.18	1	1

Sample No.:	Sample Location & Comments	Start/Flow Rate End Flow Rate	Start Time Stop Time	Total Volume Area/SQFT	Type of Analysis Sample Serial Number
01	South east corner	2.0 2.0	9.10 2.46	672 L	Analysis Type: Lead Serial No: Atomic absorption Fluor
02	South west corner	3.0 3.0	9.13 2.46	999 L	Analysis Type: Serial No: Analysis Type: Serial No: Analysis Type: Serial No: Analysis Type: Serial No: Analysis Type: Serial No: Analysis Type: Serial No: Analysis Type: Serial No: Analysis Type: Serial No:

Relinquished By (Print & Sign) (Date & Time)	11.19.18 3:30 PM	Received By (Print & Sign) (Date & Time)	11/20/18 9:40
Relinquished By (Print & Sign) (Date & Time)		Received By (Print & Sign) (Date & Time)	

Special Instructions:	Stop Positive:	E-mail to Additional Party:
	Yes No	Benjamin Curry @ efi global .com shagby@auroraesi.com Kbhatt@auroraesi.com Katie@auroraesi.com

5261 West Imperial Hwy Los Angeles, CA 90045, Ph (310) 854-6300, Fax (310) 854-0199



LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@lateesting.com

LA Testing Order: 321827033

Customer ID: 32ANDE85

Customer PO:

Project ID:

Attention: Ben Curry
EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (310) 279-3631

Fax:

Received Date: 11/21/2018 9:20 AM

Analysis Date: 11/23/2018

Collected Date: 11/20/2018

Project: 9821502712/ White Cotton Cottage

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
3	Asbestos- Inlet	11/20/2018							Overloaded
321827033-0001									
4	Asbestos- Outlet	11/20/2018	2045.00	21	100	0.001	26.8	0.005	
321827033-0002									
6	Blank- asbestos	11/20/2018	0.00	<5.5	100		<7.01		Field Blank
321827033-0003									

The results reported have been blank corrected as applicable.

Analyst(s):

Arturo Casas PCM (3)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.26, 21-50 fibers = 0.29, 51-100 fibers = 0.18. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.32. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. LA Testing maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA AIHA-LAP, LLC-IHLAP Accredited #102814

Initial report from: 11/23/2018 09:03:47

**LA Testing**

520 Mission Street, South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com>pasadenalab@latesting.com

LA Testing Order: 321826962

CustomerID: 32ANDE85

CustomerPO:

ProjectID:

Attn: **Ben Curry**
EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (888) 705-6300
Fax:
Received: 11/21/18 9:20 AM
Collected:

Project: 9821502712 - White Cotton Cottage

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client Sample Description	Lab ID	Collected	Analyzed	Volume	Lead Concentration
1	321826962-0001		11/21/2018	1323 L	<3.0 µg/m³
Site: Lead- North East Corner					
2	321826962-0002		11/21/2018	1326 L	<3.0 µg/m³
Site: Lead - South East Corner					
5	321826962-0003		11/21/2018	n/a	<4.0 µg/filter
Site: Blank - Lead					

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Reporting limit is 4 µg/filter. OSHA PEL - 50 µg/m³ OSHA action level - 30 µg/m³. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA, unless specifically indicated otherwise in the comment section. Unless otherwise noted, results in this report are not blank corrected. The Laboratory is not responsible for data reported in µg/m³ which is dependent on volume collected by non-laboratory personnel. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 11/21/2018 15:23:41



efi global

Laboratory

Chain of Custody

321826962

Turn Around Time - (Circle)
*Please select based on
laboratory being used

3hr 6hr 24hr 48hr 72hr

Standard

EFI Global Project No.:	Project Name:	Sampling By:	Number of Samples:	Date(s) Collected:	Page No.:	Total Pages
9821502712	White Cotton Cottage	Sean Bagby	4	11-20-18	1	1

Sample No.:	Sample Location & Comments	Start Flow Rate	End Flow Rate	Start Time	Stop Time	Total Volume	Type of Analysis
1	Lead - North East Corner	3	3	8:11	1435	1,323 L	Lead
2	Lead - South East Corner	3	3	8:15	1437	1,326 L	Lead
3	Asbestos - Inlet	7	7	8:49	1439	2,870 L	Asbestos PCM
4	Asbestos - Outlet	5	5	8:53	1441	2,045 L	Asbestos PCM
5	Blank - Lead	/	/	/	/	/	Lead
6	Blank - Asbestos	/	/	/	/	/	Asbestos PCM

Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)
Sean Bagby 12-20-18 15:45	11/21/18 9:20
Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)

Special Instructions:	Stop Positive: Yes No	E-mail to Additional Party:
		Benjamin Curry@efiglobal.com Shagby@aurafacsi.com Kathy@aurafacsi.com KCasey@aurafacsi.com

Per Ben Stammert RW

5261 West Imperial Hwy Los Angeles, CA 90045, Ph (310) 854-6300, Fax (310) 854-0199

**LA Testing**

520 Mission Street, South Pasadena, CA 91030

Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com>pasadenalab@latesting.com

LA Testing Order: 321827100

CustomerID: 32ANDE85

CustomerPO:

ProjectID:

Attn: **EFI Global, Inc.**
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (888) 705-6300

Fax:

Received: 11/23/18 12:29 PM

Collected: 11/21/2018

Project: 9821502712/ White Cotton Cottage

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client Sample Description	Lab ID	Collected	Analyzed	Volume	Lead Concentration
321827100-0001 Site: Lead NW Corner	321827100-0001	11/21/2018	11/23/2018	120 L	<33 µg/m³
321827100-0002 Site: Lead SW Corner	321827100-0002	11/21/2018	11/23/2018	120 L	<33 µg/m³
321827100-0003 Site: Lead Blank	321827100-0003	11/21/2018	11/23/2018	n/a	<4.0 µg/filter


Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Reporting limit is 4 µg/filter. OSHA PEL = 50 µg/m³. OSHA action level = 30 µg/m³. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA, unless specifically indicated otherwise in the comment section. Unless otherwise noted, results in this report are not blank corrected. The Laboratory is not responsible for data reported in µg/m³ which is dependent on volume collected by non-laboratory personnel. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283, AIHA-LAP, LLC ELLAP 102814

Initial report from 11/23/2018 15:14:09

321827 100



efi global

Laboratory

Chain of Custody

***Please select based on laboratory being used**

***Please select based on laboratory being used**

314

64

1442

2185

72hr

[illegible]

Special Instructions:

Stop Positive:

Positive

E-mail to Additional Party:

benjamin.corry@diglobal.com
stacybx@aurores.com

Kbkh4@aurorasj.com

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kasey@aromasi.com



LA Testing

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LA Testing Order: 321827364

Customer ID: 32ANDE85

Customer PO:

Project ID:

Attention: Ben Curry
EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (310) 279-3631

Fax:

Received Date: 11/27/2018 9:15 AM

Analysis Date: 11/27/2018

Collected Date: 11/26/2018

Project: 9821502712 White Cotton Cottage

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
3	Asbestos exhaust	11/26/2018	2325.00	9	100	0.001	11.5	0.002	
321827364-0001									
4	Asbestos inlet	11/26/2018	2325.00	8.5	100	0.001	10.8	0.002	
321827364-0002									
6	Asbestos blank	11/26/2018							Field Blank Not Analyzed
321827364-0003									

The results reported have been blank corrected as applicable.

Analyst(s):

Rosa Mendoza PCM (2)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.26, 21-50 fibers = 0.29, 51-100 fibers = 0.18. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.32. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. LA Testing maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA AIHA-LAP, LLC-IHLAP Accredited #102814

Initial report from: 11/27/2018 14:55:36

**LA Testing**

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Phone/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com>pasadenalab@latesting.com

LA Testing Order: 321827329

CustomerID: 32ANDE85

CustomerPO:

ProjectID:

Attn: **EFI Global, Inc.**
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (888) 705-6300

Fax:

Received: 11/27/18 10 28 AM

Collected: 11/26/2018

Project: 9821502712/ White Cotton Cottage

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client Sample Description	Lab ID	Collected	Analyzed	Volume	Lead Concentration
1	321827329-0001	11/26/2018	11/27/2018	1395 L	<2.9 µg/m³
	Site: Lead East				
2	321827329-0002	11/26/2018	11/27/2018	1395 L	<2.9 µg/m³
	Site: Lead North East				
5	321827329-0003	11/26/2018	11/27/2018	n/a	<4.0 µg/filter
	Site: Lead Blank				

Jerry Drapala Ph.D. Laboratory Manager
or other approved signatory

Reporting limit is 4 µg/filter. OSHA PEL = 50 µg/m³. OSHA action level = 30 µg/m³. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA, unless specifically indicated otherwise in the comment section. Unless otherwise noted, results in this report are not blank corrected. The Laboratory is not responsible for data reported in µg/m³ which is dependent on volume collected by non-laboratory personnel. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283. AIHA-LAP, LLC ELLAP 102814

Initial report from 11/27/2018 15:16:05

321827329

efi global

Laboratory

Chain of Custody

Turn Around Time - (Circle)
*Please select based on
laboratory being used

3hr 6hr 24hr 48hr 72hr

Standard

EFI Global Project No.:	Project Name:	Sampling By:	Number of Samples:	Date(s) Collected:	Page No.:	Total Pages
9821502712	White Cotton Cottage	Sean Bagby	6	11-26-18	1	Of 1

Sample No.:	Sample Location & Comments	Start Flow Rate	End Flow Rate	Start Time	Stop Time	Total Volume Area/SQFT	Type of Analysis
1	Lead East	3 LPM	3	7:50	1435	1395 L	Lead
2	Lead North East	3 LPM	3	7:51	1436	1395 L	Lead
3	Asbestos Exhaust	5 LPM	5	7:52	1437	2325 L	Asbestos - PCM
4	Asbestos Inlet	5 LPM	5	7:53	1438	2325 L	Asbestos - PCM
5	Lead Blank	1	1	1	1	1	Lead
6	Asbestos Blank	1	1	1	1	1	Asbestos - PCM

Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)
Sean Bagby 11-26-18 15:45	11-27-18 9:15
Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)

Special Instructions:	Stop Positive:	E-mail to Additional Party:
Per Ben Case are Jane-44	Yes ☒ No ☐	Benjamin.cory@efiglobal.com Shaghy@auroracsi.com

261 West Imperial Hwy Los Angeles, CA 90045, Ph (310) 854-6300, Fax (310) 854-0199
K.casey@auroracsi.com



LA Testing

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<http://www.LATesting.com/pasadenalab@lateesting.com>

LA Testing Order: 321827586
Customer ID: 32ANDE85
Customer PO:
Project ID:

Attention: Ben Curry
EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (310) 279-3631
Fax:
Received Date: 11/29/2018 11:25 AM
Analysis Date: 11/30/2018
Collected Date: 11/28/2018

Project: 9821502712 White Cotton Cottage

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ³	Fibers/ cc	Notes
321827586-0001	Clearance SE room	11/28/2018	1250.00	<5.5	100	0.002	<7.01	<0.002	
321827586-0002	Clearance fire place	11/28/2018	1250.00	<5.5	100	0.002	<7.01	<0.002	
321827586-0003	Clearance laundry	11/28/2018	1250.00	6	100	0.002	7.64	0.002	
321827586-0004	Clearance kitchen	11/28/2018	1250.00	6.5	100	0.002	8.28	0.003	
321827586-0005	Clearance NE room	11/28/2018	1250.00	6	100	0.002	7.64	0.002	

This method requires the submission of field blanks with each sample set. No discernable field blanks were submitted, samples are not blank corrected.

Analyst(s):

Arturo Casas PCM (5)

Jerry Drapala Ph.D. Laboratory Manager
or Other Approved Signatory

Limit of detection is 7 fibers/mm³. Intra-laboratory Sr values: 5-20 fibers = 0.26, 21-50 fibers = 0.29, 51-100 fibers = 0.18. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.32. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. LA Testing maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA AIHA-LAP, LLC-IHLAP Accredited #102814

Initial report from: 11/30/2018 10:11:30

**LA Testing**

620 Mission Street, South Pasadena, CA 91030

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<http://www.LATesting.com>pasadenalab@latesting.com

LA Testing Order: 321827582

CustomerID: 32ANDE85

CustomerPO:

ProjectID:

Attn: **Ben Curry**
EFI Global, Inc.
5261 West Imperial Highway
Los Angeles, CA 90045

Phone: (888) 705-6300

Fax:

Received: 11/29/18 11:25 AM

Collected: 11/28/2018

Project: 9821502712 White Cotton Cottage

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client Sample Description	Lab ID	Collected	Analyzed	Volume	Lead Concentration
321827582-0001 Site: Lead-NW	11/28/2018	11/30/2018	1080 L		<3.7 µg/m³

Jerry Drapala Ph.D, Laboratory Manager
or other approved signatory

Reporting limit is 4 µg/filter. OSHA PEL - 50 µg/m³ OSHA action level - 30 µg/m³. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA, unless specifically indicated otherwise in the comment section. Unless otherwise noted, results in this report are not blank corrected. The Laboratory is not responsible for data reported in µg/m³ which is dependent on volume collected by non-laboratory personnel. This report may not be reproduced except in full, without written approval by EMSL. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted.

Samples analyzed by LA Testing South Pasadena, CA CA ELAP 2283. AIHA-LAP, LLC ELLAP 102814

Initial report from 11/30/2018 10:59:18

#321827582



Turn Around Time - (Circle)
*Please select based on
laboratory being used

3hr 6hr 24hr 48hr 72hr

Laboratory

Chain of Custody

EFI Global Project No.:	Project Name:	Sampling By:	Number of Samples:	Date(s) Collected:	Page No.:	Total Pages
9821502712	White Cotton Collage Sean Bagby			11-28-18	1	Of 1

Sample No.:	Sample Location & Comments	Start Flow Rate End Flow Rate	Start Time Stop Time	Total Volume Area/SQFT	Type of Analysis Sample Serial Number
	Lead - NW	3 LPM	8:07 14:07	1080 L	Analysis Type: Lead Serial No.
	Clearance - SE room	10 LPM	10:00 12:05	1250 L	Analysis Type: Asbestos PCM Serial No.
	Clearance - Fire Place	10 LPM	10:01 12:06	1250 L	Analysis Type: Asbestos PCM Serial No.
	Clearance - Laundry	10 LPM	10:02 12:07	1250 L	Analysis Type: Asbestos PCM Serial No.
	Clearance - Kitchen	10 LPM	10:03 12:08	1250 L	Analysis Type: Asbestos PCM Serial No.
	Clearance - NE room	10 LPM	10:04 12:09	1250 L	Analysis Type: Asbestos PCM Serial No.
	Lead Blank - Hold				Analysis Type: Lead Serial No.
	Asbestos Blank - Hold				Analysis Type: Asbestos PCM Serial No.
					Analysis Type: Serial No.

Relinquished By (Print & Sign) (Date & Time)	Received By (Print & Sign) (Date & Time)
Sean Bagby 11-28-18 15:00	D. Flores 11/28/18 11:25am

Special Instructions:

If PCM fails run TEM

Stop Positive:

Yes

No

E-mail to Additional Party:

Benjamin.Cory@EfiGlobal.com

Sbagby@auroracsi.com

Lwhiff@auroracsi.com

5261 West Imperial Hwy Los Angeles, CA 90045, Ph (310) 854-6300, Fax (310) 854-0199

kccs@auroracsi.com

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-89845-1
Client Project/Site: White Cotton Cottage

For:
R B Construction
893 Boggs Terrace
Fremont, California 94539

Attn: Mr. Christopher Luengo



Authorized for release by:
11/27/2018 1:15:58 PM
Jenna Hunsinger, Project Management Assistant I
hunsingerj@testamericainc.com

Designee for
Criselda Caparas, Project Manager I
(925)484-1919
criselda.caparas@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Pleasanton

Case Narrative

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Job ID: 720-89845-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-89845-1

Comments

No additional comments.

Receipt

The samples were received on 11/21/2018 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 24.7° C.

Metals

Method(s) 6010B: Batch 720-255962 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

Method(s) 6010B: The following samples were diluted to bring the concentration of target analyte Pb within the calibration range: 001-LEAD PAINT CHIPS W/DEBRIS (720-89845-1) and 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS (720-89845-2). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The following samples were diluted to bring the concentration of target analyte Pb within the calibration range: 001-LEAD PAINT CHIPS W/DEBRIS (720-89845-1) and 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS (720-89845-2). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 001-LEAD PAINT CHIPS W/DEBRIS

Lab Sample ID: 720-89845-1

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Lead	21000		8.8		mg/Kg	20		6010B	Total/NA
Lead	52		0.050		mg/L	1		6010B	TCLP
Lead	2200		5.0		mg/L	100		6010B	STLC Citrate

Client Sample ID: 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS

Lab Sample ID: 720-89845-2

Analyte	Result	Qualifier	RL	MDL	Unit	DII Fac	D	Method	Prep Type
Lead	11000		4.7		mg/Kg	10		6010B	Total/NA
Lead	20		0.050		mg/L	1		6010B	TCLP
Lead	1700		5.0		mg/L	100		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 001-LEAD PAINT CHIPS W/DEBRIS

Lab Sample ID: 720-89845-1

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21000		8.8		mg/Kg	--	11/21/18 15:15	11/26/18 18:17	20
Method: 6010B - Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	52		0.050		mg/L	--	11/24/18 08:57	11/26/18 14:12	1
Method: 6010B - Metals (ICP) - STLC Citrate									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2200		5.0		mg/L	--	11/23/18 15:43	11/27/18 10:32	100

TestAmerica Pleasanton

Client Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS

Lab Sample ID: 720-89845-2

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11000		4.7		mg/Kg		11/21/18 15:15	11/26/18 18:22	10

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		0.050		mg/L		11/24/18 08:57	11/26/18 14:17	1

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1700		5.0		mg/L		11/23/18 15:43	11/27/18 10:36	100

TestAmerica Pleasanton

QC Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-255751/1-A
Matrix: Solid
Analysis Batch: 256006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg	-	11/20/18 15:41	11/27/18 10:09	1

Lab Sample ID: LCS 720-255751/2-A
Matrix: Solid
Analysis Batch: 255993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	50.0	51.4		mg/Kg	-	103	80 - 120

Lab Sample ID: MB 720-255910/1-A
Matrix: Solid
Analysis Batch: 255962

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255910

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L	-	11/24/18 08:57	11/26/18 13:35	1

Lab Sample ID: LCS 720-255910/2-A
Matrix: Solid
Analysis Batch: 255962

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255910

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	1.00	0.992		mg/L	-	99	80 - 120

Lab Sample ID: MB 720-255892/1-A
Matrix: Solid
Analysis Batch: 255990

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 255892

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L	-	11/23/18 15:43	11/26/18 16:27	1

Lab Sample ID: LCS 720-255892/2-A
Matrix: Solid
Analysis Batch: 255990

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 255892

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	1.00	0.948		mg/L	-	95	80 - 120

Lab Sample ID: LB 720-255824/1-B
Matrix: Solid
Analysis Batch: 255962

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 255910

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050		mg/L	-	11/24/18 08:57	11/26/18 13:44	1

Lab Sample ID: LB4 720-255717/1-B
Matrix: Solid
Analysis Batch: 255990

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 255892

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050		mg/L	-	11/23/18 15:43	11/26/18 16:37	1

TestAmerica Pleasanton

Client: R B Construction
Project/Site: White Cotton Cottage

QC Sample Results

TestAmerica Job ID: 720-89845-1



TestAmerica Pleasanton

QC Association Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Metals

Leach Batch: 255717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	STLC Citrate	Solid	CA WET Citrate	
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	STLC Citrate	Solid	CA WET Citrate	
LB4 720-255717/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 255751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	Total/NA	Solid	3050B	
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	Total/NA	Solid	3050B	
MB 720-255751/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 720-255751/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 255824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	TCLP	Solid	1311	
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	TCLP	Solid	1311	
LB 720-255824/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 255892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	STLC Citrate	Solid	3005A	255717
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	STLC Citrate	Solid	3005A	255717
LB4 720-255717/1-B	Method Blank	STLC Citrate	Solid	3005A	255717
MB 720-255892/1-A	Method Blank	Total Recoverable	Solid	3005A	
LCS 720-255892/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	

Prep Batch: 255910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	TCLP	Solid	3010A	255824
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	TCLP	Solid	3010A	255824
LB 720-255824/1-B	Method Blank	TCLP	Solid	3010A	255824
MB 720-255910/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 720-255910/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 255962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	TCLP	Solid	6010B	255910
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	TCLP	Solid	6010B	255910
LB 720-255824/1-B	Method Blank	TCLP	Solid	6010B	255910
MB 720-255910/1-A	Method Blank	Total/NA	Solid	6010B	255910
LCS 720-255910/2-A	Lab Control Sample	Total/NA	Solid	6010B	255910

Analysis Batch: 255990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB4 720-255717/1-B	Method Blank	STLC Citrate	Solid	6010B	255892
MB 720-255892/1-A	Method Blank	Total Recoverable	Solid	6010B	255892
LCS 720-255892/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	255892

Analysis Batch: 255993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	Total/NA	Solid	6010B	255751
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	Total/NA	Solid	6010B	255751

TestAmerica Pleasanton

QC Association Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Metals (Continued)

Analysis Batch: 255993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-255751/2-A	Lab Control Sample	Total/NA	Solid	6010B	255751

Analysis Batch: 256006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-255751/1-A	Method Blank	Total/NA	Solid	6010B	255751

Analysis Batch: 256013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	STLC Citrate	Solid	6010B	255892
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	STLC Citrate	Solid	6010B	255892

TestAmerica Pleasanton

Lab Chronicle

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 001-LEAD PAINT CHIPS W/DEBRIS

Lab Sample ID: 720-89845-1

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			255717	11/21/18 12:32	SUN	TAL PLS
STLC Citrate	Prep	3005A			255892	11/23/18 15:43	GLL	TAL PLS
STLC Citrate	Analysis	6010B		100	256013	11/27/18 10:32	OBI	TAL PLS
TCLP	Leach	1311			255824	11/23/18 15:28	GLL	TAL PLS
TCLP	Prep	3010A			255910	11/24/18 08:57	MAA	TAL PLS
TCLP	Analysis	6010B		1	255962	11/26/18 14:12	OBI	TAL PLS
Total/NA	Prep	3050B			255751	11/21/18 15:15	MAA	TAL PLS
Total/NA	Analysis	6010B		20	255993	11/26/18 18:17	OBI	TAL PLS

Client Sample ID: 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS

Lab Sample ID: 720-89845-2

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			255717	11/21/18 12:32	SUN	TAL PLS
STLC Citrate	Prep	3005A			255892	11/23/18 15:43	GLL	TAL PLS
STLC Citrate	Analysis	6010B		100	256013	11/27/18 10:36	OBI	TAL PLS
TCLP	Leach	1311			255824	11/23/18 15:28	GLL	TAL PLS
TCLP	Prep	3010A			255910	11/24/18 08:57	MAA	TAL PLS
TCLP	Analysis	6010B		1	255962	11/26/18 14:17	OBI	TAL PLS
Total/NA	Prep	3050B			255751	11/21/18 15:15	MAA	TAL PLS
Total/NA	Analysis	6010B		10	255993	11/26/18 18:22	OBI	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TestAmerica Pleasanton

Accreditation/Certification Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2496	01-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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TestAmerica Pleasanton

Method Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL PLS
1311	TCLP Extraction	SW846	TAL PLS
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PLS
3010A	Preparation, Total Metals	SW846	TAL PLS
3050B	Preparation, Metals	SW846	TAL PLS
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL PLS

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TestAmerica Pleasanton

Sample Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	Solid	11/21/18 09:00	11/21/18 12:00
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS	Solid	11/21/18 09:00	11/21/18 12:00

TestAmerica Pleasanton

1 2 3 4 5 6 7 8 9 10 11 12 13 14

TESTAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #

186805

Report To

Alin Christopher Luengo

Company: R.R. Construction, Inc.

Address: 893 Rogers Terr., Fremont, CA 94539

Phone: 510-683-8780

Email: chris@rrcinc.com

Full Name: RRC Inc.

City: Chris Luengo

Phone: 510-683-8780

Sample ID

Date

Time

Mail

Price

City

State

Zip

Country

Notes

Comments

Signature

Date

Time

Signature

Date

Time

Signature

Date

Time

Signature

Date

Time

Signature

Date

Analysis Request

Company: R.R. Construction, Inc.

Address: 893 Rogers Terr., Fremont, CA 94539

Phone: 510-683-8780

Email: chris@rrcinc.com

Full Name: RRC Inc.

City: Chris Luengo

Phone: 510-683-8780

Sample ID

Date

Time

Mail

Price

City

State

Zip

Country

Notes

Comments

Signature

Date

Time

Signature

Date

Time

Signature

Date

Time

Signature

Date

Time

Signature

Date

Date 11/21/18 Page 1 of 1

Sample ID	Date	Time	Mail	Price	City	State	Zip	Country	Notes	Comments	Signature	Date	Time	Signature	Date	Time	Signature	Date	Time
001 - Lead	11/21	9:00	Std	NO															
Paint chips w/debris																			
002 - Dirt/Debris	11/21	9:00	Std	NO															
from ground w/Lead																			
paint chips																			

Project Info.

Project Name: White Cotton Cottage

of Containers: 2

Head Space

Temp: 24.7 °C

Confirms to record

Other

Level 3

Level 4

Level 5

Level 6

Level 7

Level 8

Level 9

Level 10

Level 11

Level 12

Sample Receipt

Project Name: White Cotton Cottage

of Containers: 2

Head Space

Temp: 24.7 °C

Confirms to record

Other

Level 3

Level 4

Level 5

Level 6

Level 7

Level 8

Level 9

Level 10

Level 11

Level 12

Relinquished by

Signature: Chris Luengo

Date: 11/21/18

Time: 12:00 pm

Signature: Chris Luengo

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Relinquished by

Signature: Chris Luengo

Date: 11/21/18

Time: 12:00 pm

Signature: Chris Luengo

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Date: 11/21/18

Time: 12:00

Signature: R.B. Const. Inc.

Login Sample Receipt Checklist

Client: R B Construction

Job Number: 720-89845-1

Login Number: 89845

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

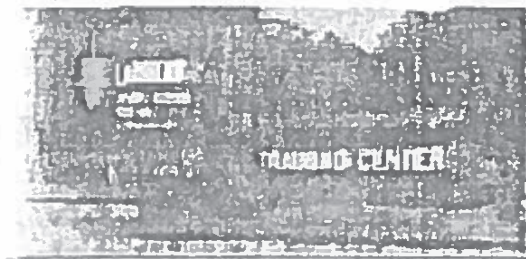
APPENDIX B
Workers' Training and Medical Documents

**Laborers' Training and Retraining
Trust Fund for Northern California**

*** - ** - 4800



Jose M Munoz
18000518



1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Contractor Supervisor Recertification
Jose M Munoz

Certificate Number: 48000518

THE PERSON RECEIVING THIS CERTIFICATE HAS COMPLETED AND PASSED
THE REQUIRED TRAINING MANDATED BY THE EPA FOR AHERA ASBESTOS
CONTRACTOR SUPERVISOR RECERTIFICATION AS REQUIRED FOR
ASBESTOS ACCREDITATION UNDER TOXIC SUBSTANCES CONTROL ACT
(TSCA) TITLE II

Start Date: 5/19/2018

Provider: CA-012-04

Completion Date: 5/19/2018

Expiration Date: 5/19/2019


Eduardo Vaca, Asbestos Training Director

Date: 5/19/2018

LTC 12935



Laborers' Training and Retraining Trust Fund for Northern California

1001 Westside Drive, San Ramon, CA 94583-4098

Telephone: (925) 828-2513 Facsimile: (925) 828-6142

E-Mail: training@norcaltc.org

June 16, 2018

JOSE M MUNOZ

RE: Verification Letter

This letter is to serve as verification that the following trainee attended, completed and passed the subsequent class(es) at San Ramon Training Center.

Course Certification	Start Date	End Date	Expiration
Lead Refresher SP	6/16/2018	6/16/2018	Must be renewed annually, on or before the participant's Anniversary Date.

Feel free to contact me at the Laborers' Training Center with any questions, comments, or concerns.

Sincerely,

K'Zia Wissner

K'Zia Wissner
Administrative Assistant
Laborers Training Center
1001 Westside Drive
San Ramon, CA 94583
(925) 828-2513

Concentra Occupational Med Ctrs-CA
1217 Laurel Street, San Leandro, CA 94577
Phone: (510) 351-3553 Fax: (510) 351-3595
Medical Surveillance - Asbestos

Service Date: 06/14/2018

Patient: Munoz, Jose M. Job Title: _____
SSN: XXX-XX-4800 Employer: Laborers Trust Fund
DOB: 08/12/1966 Address: 8301 Edgewater Dr Ste 201
Gender: M _____
Marital Status: M Oakland, CA 94621
Address: 1587 GENTOY LN Job Contact: Ruben Barba
_____ Role: Primary Contact
_____ Phone: (510) 569-4761 Ext.: _____
Home Phone: (510) 228-2933 Fax: (510) 569-4763
Work Phone: _____ Ext.: _____ Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 06/14/2018 in accordance with:

☒ 29 CFR 1926.1101.
☒ 40 CFR 763.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): _____

Guillermo Ruiz
Provider Signature

6/14/2018
Date

OFFICE
510-683-8780



FAX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614023 - DOSH #396 - CALTRANS SMBE

www.rb-constructioninc.com

R B CONSTRUCTION, INC.

EMPLOYER

RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Jose M. Muñoz S/S # 4500

	MAKE	MODEL	SIZE
RESPIRATOR TYPE	Wilson	6100 Series	Large
RESPIRATOR TYPE	MSA	PAPR	Medium
RESPIRATOR TYPE	North	7700 Model	Large

DATE PERFORMED 2/16/13 TESTED BY Randy Fluoren

TEST RESULTS

ISOAMYL ACETATE

IRRITANT SMOKE

OTHER

FIT

NO FIT

COMFORT: COMFORTABLE

TOLERABLE

INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (I) (II)

CARTRIDGE TYPE Wilson TC-21C-377

CARTRIDGE TYPE MSA TC-21C-353

CARTRIDGE TYPE North TC-21C-152

CARTRIDGE TYPE North TC-23C-210 Organic

[Signature]
EMPLOYEE'S SIGNATURE

2/16/13
DATE

CORPORATE OFFICE
93 HOGGS TERRACE
FREMONT, CA 94539-7095

State of California Department of Public Health

Worker

02/17/2019



Fidel G. Moreno

10 7301

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600



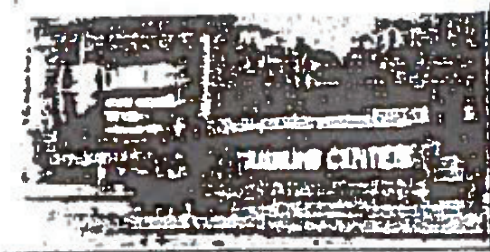
03276369

**Laborers' Training and Retraining
Trust Fund for Northern California**

***** - ** - 5246**



**Fidel Moreno
52460418**



**1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142**

**Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Worker Re-Certification : Spanish**

Fidel Moreno

Certificate Number: 52460418

**THIS CERTIFICATE INDICATES SUCCESSFUL COMPLETION OF TRAINING
MANDATED BY THE EPA FOR AHERA WORKER RE-CERTIFICATION IN
ASBESTOS UNDER (TSCA) ACT TITLE II Provider: CA-012-12**

Start Date: 4/13/2018

Completion Date: 4/13/2018

Expiration Date: 4/13/2019


Eduardo Vaca, Asbestos Training Director

Date: 4/13/2018

LTC 12840

OFFICE
510-683-8780



FAX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS SMBE

www.rb-constructioninc.com

R B CONSTRUCTION, INC.

EMPLOYEE

RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME FIDEL MORENO SIS # 5246

	MAKE	MODEL	SIZE
RESPIRATOR TYPE	Wilson	/ 6100 Series	/ Large
RESPIRATOR TYPE	MSA	/ PAPR	/ Medium
RESPIRATOR TYPE	North	/ 7700 Model	/ Large

DATE PERFORMED 12-13-17 TESTED BY Raul Flores

TEST RESULTS

ISOAMYL ACETATE

IRRITANT SMOKE

OTHER

FIT

NO FIT

COMFORT:

COMFORTABLE

TOLERABLE

INTOLERABLE

COMMENTS: Irritant smoke and ampoules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (i) (ii)

CARTRIDGE TYPE Wilson TC-21C-377

CARTRIDGE TYPE MSA TC-21C-353

CARTRIDGE TYPE North TC-21C-152

CARTRIDGE TYPE North TC-23C-210 Organic

Fidel Moreno
EMPLOYEE'S SIGNATURE

12-13-17
DATE

CORPORATE OFFICE
893 BOGGS TERRACE
FREMONT, CA 94539-7095

Concentra Occupational Med Ctrs-CA
3537 Merced Street, San Leandro, CA 94577
Phone: (510) 351-3553 Fax: (510) 351-3555
Medical Surveillance - Asbestos

Service Date: 06/13/2013

Patient: <u>Moreno, Fidel</u>	Job Title: _____
SSN: <u>XXX-XX-5246</u>	Employer: <u>Laborers Trust Fund</u>
DOB: <u>02/11/1972</u>	Address: <u>3301 Edgewater Dr Ste 201</u>
Gender: <u>M</u>	<u>Oakland, CA 94621</u>
Marital Status: <u>M</u>	Job Contact: <u>Ruben Barba</u>
Address: <u>3230 Elmwood Avenue</u>	Role: <u>Primary Contact</u>
<u>OAKLAND, CA 94601</u>	Phone: <u>(510) 569-4761 Ext.:</u>
Home Phone: <u>(510) 328-0885</u>	Fax: <u>(510) 569-4763</u>
Work Phone: <u>(510) 732-1998 Ext.:</u>	Race: <u>ASIAN BLACK HISPANIC INDIAN WHITE OTHER</u>

The above individual was seen on 06/13/2013 in accordance with: ☒ 29 CFR 1928.1101.
☒ 40 CFR 763.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1928.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1928.1101. (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1928.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): _____

Donal A. Barba
Provider Signature

6/13/18
Date

Asbestos Worker Refresher Course (Sp)

Salvador Chavez

CERT #: AWRSP0323180002N17652

Training Date: 03/23/2018

Exam Date: 03/23/2018

Expiration: 03/23/2019

DOSH # CA-015-12


Michael W. Horner, Training Director



This certificate is valid only for asbestos abatement work under the Free Substances Control Act. The course has been approved by the California Department of Industrial Hygiene for the purpose of maintaining the State's asbestos training program.



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

Service Date: 05/11/2018

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143922

CDPH COURSE COMPLETION FORM
AND TRAINING CERTIFICATE

1638

Instructions: The top half of this form is to be completed by the student, and the bottom half is to be completed by the accredited training provider. The accredited training provider must submit the top (white) copy of this form to CLPPB and the last two (pink and yellow) copies to the student within 30 calendar days of the student's successful completion of the final examination. **Instrucciones:** La parte superior de este formulario deberá ser completada por el estudiante y la parte inferior por el Proveedor acreditado del entrenamiento. El Proveedor del entrenamiento tiene que mandar la copia blanca a CLPPB y las copias rosada y amarilla al estudiante dentro de los siguientes 30 días después de haber pasado el examen final.

Student Information - To be completed by the student. Please print or type. Please family. Por favor escriba firmemente y con letra de imprenta.

Name / Nombre (last / apellido) First / primer nombre Middle initial / segundo nombre Telephone number / Número de teléfono

CHAVEZ

JH WADCK

(510) 112 3981

Home address (number, street, apartment number, PO box number) / Dirección (número, calle, número de apartamento, apartado postal)

1332 97TH AVENUE

Date of birth (month/day/year) / Fecha de nacimiento (mes/día/año)

08.21.1967

Photo identification / Tarjeta de identificación con foto

Number / Número E8677187

Type / Tipo

☒ Driver's license / Licencia de conducir

☐ Resident alien card / Tarjeta de residencia

☐ Other ID / Otro tipo de ID (specify / especifique):

City / Ciudad

OAKLAND

State / Estado

CA

ZIP code / Código postal

94603

Mailing address, if different (employer or union name, number, street, apartment number, PO box number) / Dirección de correo, si es diferente (nombre de patron or union, número, calle, número de apartamento, apartado postal)

Dirección de correo, si es diferente (nombre de patron or union, número, calle, número de apartamento, apartado postal)

Gender / Sexo

☒ Male / Masculino

☐ Female / Femenino

If currently CDPH certified, provide CDPH certificate ID number / Si está certificado por CDPH, favor de dar su número de CDPH

13119

City / Ciudad

State / Estado

ZIP code / Código postal

Race/Ethnicity / Raza/Etnia

☐ Asian / Asiático ☐ Black/African American / Negro/Africano Americano

☒ Latino/Hispanic / Latino/Hispano

☐ Native American / Americano Nativo

☐ White / Caucasico ☐ Pacific Islander / Pacífico Isleño

☐ Other / Otro:

Prior to signing, read the Privacy Statement and other information on the back of the form.

Antes de firmar, lee la Declaración Sobre la Privacidad, y otra información en la parte de atrás de este formulario.

Signature of student / Firma del estudiante

[Signature]

Date (month/day/year) / Fecha (mes/día/año)

01.22.2018

Training Information - To be completed by accredited training provider. Please print or type. Please family.

Accredited Training Provider name and address

LABORER'S TRAINING & RETRAINING
TRUST FUND FOR NORTHERN CALIFORNIA
1001 WESTSIDE DRIVE
SAN RAMON, CA 94583

Training Provider Phone Number

(925) 828-2513

Course Number

LTRTFN-011-CEW (SP)

Course title:

☐ Work

☐ Inspection/Assessment

☐ Certified Industrial Hygienist

☐ Sampling Technician

☒ Continuing Education for Workers

☐ General Continuing Education

☐ Supervision and Project Monitoring

☐ Supplemental Supervision and Project Monitoring

Instructor Name(s):

ALVARO

REYNOSO

☐ English

☒ Spanish

Course dates (mm/dd/yy)

01.22.18 to 01.22.18

Number of contact hours

(if instruction completed)

8

Date student passed course or continuing

education final examination (mm/dd/yy)

01.22.18

Course instruction (if different)

Course instruction CCF number

Course address

1001 WESTSIDE DRIVE
SAN RAMON, CA 94583-4099

Course CCF date (mm/dd/yy)

As Training Director, I hereby certify, under penalty of perjury, that the information provided herein is true and correct.

Signature of Training Director - to be printed

[Signature]

Signature of Training Director

[Signature]

Date (mm/dd/yy)

1.23.2018

Signature of Student

Signature of Training Provider

Signature of Training Provider

Signature of Student

OFFICE
510-683-8780



510-683-87

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Julio Hernandez S/S# 1638

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA North	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 01-03-2017 TESTED BY Romulo Figueroa

TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER
FIT
NO FIT
COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (i) (ii)

CARTRIDGE TYPE:	WILSON	TC-21C-377
CARTRIDGE TYPE:	MSA	TC-21C-353
CARTRIDGE TYPE:	NORTH	TC-21C-152
CARTRIDGE TYPE:	NORTH	TC-23C-210 ORGANIC

[Signature]
EMPLOYEE'S SIGNATURE

01/3/18
DATE

CORPORATE OFFICE
393 BOGGS TERRACE
FREMONT, CA 94539

CENTRAL VALLEY
10411 SMALL ROAD
MANTECA, CA 95336

Asbestos Worker Refresher Course (Sp)

Raul Ezquivel

CERT #: AWRSP0608180003N17619

Training Date: 06/08/2018

Exam Date: 06/08/2018

Expiration: 06/08/2019

COSH # CA-015-12


Michael W. Horner, Training Director



This certificate is issued in accordance with the asbestos abatement training requirements of the State of California, Title 15, Chapter 4.5, Article 1, Section 15270. The certificate is valid for the duration of the training program and is subject to the terms and conditions of the training program.



NATEC International, Inc.

1900 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

300-969-3228 | www.NATECIntl.com

Concentra Occupational Med Ctrs-CA
3111 Grand Street, San Leandro, CA 94577
Phone: (510) 351-3533 Fax: (510) 351-3535
Medical Surveillance - Asbestos

Service Date: 06/12/2018

Patient: <u>Esquivel, Raul</u>	Job Title: _____
SSN: <u>XXX-XX-1192</u>	Employer: <u>Laborers Trust Fund</u>
DOB: <u>01/20/1970</u>	Address: <u>3301 Edgewater Dr Ste 201</u>
Gender: <u>M</u>	<u>Oakland, CA 94621</u>
Marital Status: <u>M</u>	Job Contact: <u>Ruben Barba</u>
Address: <u>104 E 7th St</u>	Role: <u>Primary Contact</u>
<u>TRACY, CA 95376</u>	Phone: <u>(510) 569-4761 Ext.:</u>
Home Phone: <u>(209) 914-6072</u>	Fax: <u>(510) 569-4763</u>
Work Phone: <u>(707) 747-4800 Ext.:</u>	Race: <u>ASIAN BLACK HISPANIC INDIAN WHITE OTHER</u>

The above individual was seen on 06/12/2018 in accordance with: ✓ 29 CFR 1928.1101.
✓ 40 CFR 763.121

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix O in 1928.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1928.1101. (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1928.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or Limitations (if any) _____

Rubén Barba, FRP
Provider Signature

6/12/2018
Date

OFFICE
510-683-8780



1 AX
510-683-8782

R.B. CONSTRUCTION, INC.
GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SDBE

R. B. CONSTRUCTION, INC.
EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Raul E. Equival S/S# 1172

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	<u>LARGE</u>

DATE PERFORMED 3/13/18 TESTED BY Christy L. Lugo

TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER

FIT

NO FIT

COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (ii)

CARTRIDGE TYPE: WILSON TC-21C-377
CARTRIDGE TYPE: MSA TC-21C-353
CARTRIDGE TYPE: NORTH TC-21C-152
CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

Raul Equival
EMPLOYEE'S SIGNATURE

3/13/18
DATE

CORPORATE OFFICE
93 ROGGS TERRACE

CENTRAL VALLEY
1011 SMALL ROAD

State of California Department of Public Health

Registration

Worker

01/03/2018



Raul Ezquivel

10 4248

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600



03253221

Asbestos 32hr Worker Course (Sp)
Javier Arreguin

CERT #: AWISP0205180003N17236

Training Date: 02/05/2018

Exam Date: 02/08/2018

Expiration: 02/08/2019

COSH # CA-015-11



Michael W. Horner, Training Director



This certificate is issued in accordance with the requirements for Asbestos abatement under the Toxic Substances Control Act. The course is not valid unless the participant has completed the required training and examination. This certificate is not valid for use in any other state.



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com



2-Hole 1/4 2 3/4



AWN

ASBESTOS EXPOSURE EXAMINATION
Written Medical Opinion

LABORERS TRUST FUND/NOR C 234880

DOS: 2/02/18

DOB: 8/10/87

Employee: Patient: ARREGUIN, JAVIER

Date of Exam: Case # : 84-283513 Ref # : 51828/RED/1 6457

Employer: Laborers' Trust Fund/Nor Cal 234880

Tel: _____

Employees assigned to tasks requiring the use of respirators must be determined to be physically capable of working while using such equipment. In this regard, I have medically evaluated the aforementioned employee in accordance with Federal OSHA Standards 29 CFR parts 1910, 1001, 1915.1001 and 1926.1101 (Occupational Exposure to Asbestos, Tremolite, Anthophyllite, and Actinolite), and 40 CFR 783 (EPA Worker Protection Rule). The results of the physical examination, pulmonary function test, and radiological chest studies are attached for your files.

In accordance with the above cited regulations, the applicant employee has been informed of:

1. The results of the medical examination performed.
2. The health hazards and medical conditions associated with the exposure of asbestos.
3. Any detected medical conditions that could place the applicant / employee at an increased risk of material health impairment.
4. The increased health risk associated with smoking and working exposed to asbestos.

In addition, I have found him / her to be:

- ☒ Medically qualified for the unrestricted use of respirators.
☐ Medically qualified for the use of respirators with the following restrictions:

☐ Medically unqualified for the use of respirators.

Comments:

Examiner Name: Aundrea N. Wilson, M.D.
A60470

Signature: Aundrea N. Wilson M.D.

Date: 2/17/18

Regulations restrict examiners from revealing in this written opinion findings and / or medical conditions unrelated to occupational exposure to asbestos.

OFFICE
510-683-8780



LAX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Javier Arcequin S/S# 6457

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	<u>MEDIUM</u>
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 9-04-2018 TESTED BY José Muñoz

TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER

FIT

NO FIT

COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (i) (ii)

CARTRIDGE TYPE: WILSON TC-21C-377

CARTRIDGE TYPE: MSA TC-21C-353

CARTRIDGE TYPE: NORTH TC-21C-152

CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

Javier Arcequin
EMPLOYEE'S SIGNATURE

9-04-2018
DATE

CORPORATE OFFICE
393 BOGGS TERRACE
FREMONT, CA 94539

CENTRAL VALLEY
10411 SMALL ROAD
VAN NUYS, CA 91411

Asbestos Worker Refresher Course (Sp)

David Elias

CERT #: AWRSP0921180006N18362

Training Date: 09/21/2018

Exam Date: 09/21/2018

Expiration: 09/21/2019

COSH #: CA-015-11


Michael W. Horner, Training Director



NATEC International, Inc.

1150 Technology Circle, Suite A, Anaheim, CA 92805 | 8350 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

Concentra Occupational Med Ctrs-CA

2587 Merced Street San Leandro, CA 94577
Phone (510) 351-3553 Fax (510) 351-3585

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Calderon, David E

Employer: Laborers Trust Fund

Check Type of Respirator(s) To Be Used (Check ☒ ALL that apply)

- ☐ Air-purifying (non-powered) ☐ Air-purifying (powered)
☐ Atmosphere supplying Respirator
☐ Combination air-line and SCBA
☐ Continuous-Flow Respirator
☐ Supplied-Air Respirator
☐ Open Circuit SCBA ☐ Closed Circuit SCBA
☐ Dust Mask ☐ 1/2 Face with Canisters ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions (Check ☒ ALL That Apply When Wearing Respirator)

- ☐ High Places ☐ Enclosed Places ☐ Protective Clothing
☐ Temperature Extremes ☐ Mostly Cold ☐ Mostly Hot
☐ Other: _____

Questionnaire will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Address:

9637 C Street

OAKLAND CA 94603

Employee SSN: XXX-XX-7897

Extent of Usage (Check ☒ ALL that apply)

- ☐ On a daily basis _____ Total Hours
☐ Occasionally - but not more than twice a week _____ Total Hours
☐ Rarely - or for Emergency situations only _____ Total Hours

Expected Physical Effort Required (Check ☒ ALL that apply)

- ☐ Light ☐ Moderate ☐ Heavy

Exposure to Hazardous Materials (Check ☒ ALL that apply)

- ☐ Arsenic ☐ Benzene
☐ Coke Oven ☐ Cotton Seed / Dust
☐ Cadmium ☐ Formaldehyde
☐ Methylene Chloride ☐ Lead
☐ Textiles ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____

Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

PLHCP¹ WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on separate forms, in separate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ☒ ALL that apply)

☐ Employee must schedule a medical examination with Concentra Occupational Med Ctrs-CA prior to respirator approval and usage

☒ Class I - No Restrictions on Respirator Use

☐ Class II - Some Specific Use Restrictions

☐ To be used for Emergency Response or Escape Only

☐ Other: _____

☐ Class III - Respirator Use is NOT PERMITTED

☐ Further Testing / Evaluation is Required ²

☐ Fit Test Required

☐ Fit Test Performed Satisfactorily

☐ Fit Test Performed Unsatisfactorily

☒ Fit Test NOT Performed at Concentra Occupational Med C

☐ Special prescription eyewear needed to accommodate respirator

☐ Special prescription eyewear needed to accommodate respirator

☒ Facial hair needs to be shaved to assure tight seal on certain face masks

¹ Physician or other Licensed Healthcare Professional

² Employee must seek further medical evaluation by a private physician who must submit a report to Concentra Occupational Med Ctrs-CA of his/her findings to

(Check ☒ ALL that apply)

☒ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☒ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature

Physician's License Number (Optional in Most States)

Physician's Name (Printed)

Date of Exam

Expires On

Medical Surveillance - Asbestos

Job Title: _____
Employer: Laborers Trust Fund
Address: 8301 Edgewater Dr Ste 201

 Oakland, CA 94621
Job Contact: Ruben Barba
Role: Primary Contact
Phone: (510) 569-4761 **Ext.:** _____
Fax: (510) 569-4763
Race: ASIAN BLACK HISPANIC IND

© 1996-2018 Concentra Operating Corporation All Rights Reserve

OFFICE
510-683-8780



FAX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME David Elias Calderon S/S# 7897

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	<u>MEDIUM</u>
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 10-25-2018 TESTED BY Jose Muray

TEST RESULTS:

	ISOAMYL ACETATE	<u>IRRITANT SMOKE</u>	OTHER
FIT			
NO FIT			
COMFORT:	<u>COMFORTABLE</u>	TOLERABLE	INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (ii)

CARTRIDGE TYPE:	WILSON	TC-21C-377
CARTRIDGE TYPE:	MSA	TC-21C-353
CARTRIDGE TYPE:	NORTH	TC-21C-152
CARTRIDGE TYPE:	NORTH	TC-23C-210 ORGANIC

David Elias
EMPLOYEE'S SIGNATURE

10/25/18
DATE

CORPORATE OFFICE
393 HOGGS TERRACE

CENTRAL VALLEY
10411 SMALL ROAD
... ..

146670

Form Number

CDPH COURSE COMPLETION FORM
AND TRAINING CERTIFICATE

Instructions: The top half of this form is to be completed by the student, and the bottom half is to be completed by the accredited training provider. The accredited training provider must submit the top (white) copy of this form to CLPPB **and** the last two (pink and yellow) copies to the student within **30 calendar days** of the student's successful completion of the final examination. / **Instrucciones:** La parte superior de este formulario deberá ser completada por el estudiante y la parte inferior por el Proveedor acreditado del entrenamiento. El Proveedor del entrenamiento tiene que mandar la copia blanca a CLPPB y las copias rosada y amarilla al estudiante dentro de los siguientes 30 días después de haber pasado el examen final.

Student Information – To be completed by the student. Please print or type. Press firmly. / Deberá completarse por el estudiante. Favor de escribir firmemente y con letra de molde.

Name / Nombre (last / apellido primero) (first / primer nombre) (middle initial / segundo nombre) Telephone number / Número de teléfono
 Arcequin Salvador (510) 356-87-82

Home address (number, street, apartment number, PO box number / Dirección (número, calle, número de apartamento, apartado postal)

Date of birth (month/day/year) / Fecha de nacimiento (mes/día/año)

11 / 03 / 84

Photo identification / Tarjeta de identificación con foto
 Number / Número 203343183

Type / Tipo

☐ Driver's license / Licencia de conducir

☐ Resident alien card / Tarjeta de residencia

☒ Other ID / Otro tipo de ID (specify / especifique):

Matricular consular

Gender / Sexo

☒ Male / Masculino

☐ Female / Femenino

If currently CDPH certified, provide CDPH certificate ID number / Si está certificado por CDPH, favor de dar su número de CDPH

30370

1637 46 Av 17B

City / Ciudad

Oakland

State / Estado

Cal

ZIP code / Código postal

94601

Mailing address, if different (employer or union name, number, street, apartment number, PO box number) / Dirección de correo, si es diferente (nombre de patron or unión, número, calle, número de apartamento, apartado postal)

LOCAL 07

8301 edgewater dr

City / Ciudad

Oakland

State / Estado

CA

ZIP code / Código postal

94621

Prior to signing, read the Privacy Statement and other information on the back of the form.

Antes de firmar, lea la Declaración Sobre la Privacidad, y otra información en la parte de atrás de este formulario.

Signature of student / Firma del estudiante

Date (month/day/year) / Fecha (mes/día/año)

8 / 27 / 18

Training Information – To be completed by accredited training provider. Please print or type. Press firmly.

Accredited Training Provider name and address
 Natec International Inc
 1100 Technology Circle
 Anaheim CA, 92805

Training Provider Phone Number

714, 678-2750

Course Number

005-CRW(SP)

Course title:

☐ Work

☐ Inspection/Assessment

☐ Certified Industrial Hygienist

☐ Sampling Technician

☒ Continuing Education for Workers

☐ General Continuing Education

☐ Supervision and Project Monitoring

☐ Supplemental Supervision and Project Monitoring

Instructor Name(s):

RAMON
 Parra

☐ English

☒ Spanish

Course dates (mm/dd/yy)

8 / 27 / 18 to 8 / 27 / 18

Number of contact hours
 of instruction completed

7

Date student passed course or continuing
 education final examination (mm/dd/yy)

8 / 27 / 18

Core instruction (if different)

Core instruction CCF number

Core CCF date (mm/dd/yy)

1 / 1

Location of course

8390 capwell dr. Oakland CA

As Training Director, I hereby certify, under penalty of perjury, that the information provided herein is true and correct.

Name of Training Director – please print or type

Michael W. Harner

Signature of Training Director

M.W.H.

Date (mm/dd/yy)

8 / 31 / 18

WHITE copy – CLPPB

Blue copy – Training Provider

Pink copy – Student (for Certification Application)

Yellow copy – Student



ASBESTOS MEDICAL SURVEILLANCE EVALUATION
Written Medical Opinion

4132

LABORERS TRUST FUND/NOR C 234880
Employee: _____ DOB: 11/03/84
DOS: 11/20/18
Last Four Digits of the Social Sec _____
Patient: AREGUIN VALDES, SALVADO
Case #: 84-295959 Ref #: 53540/RED/E
Employer: _____

Based on information provided by the employer, in accordance with the Title 8 California Code of Regulations 1529, 5208, 8358, 5194 and 1544 regarding exposure to Asbestos applicable to this applicant/employee I certify that in accordance with the regulations cited above the applicant/employee has been informed of:

1. The results of this medical examination.
2. The health hazards and medical conditions associated with the exposure to asbestos.
3. Any detected medical conditions that could place the applicant/employee at an increased risk of material health impairment.
4. Any detected medical condition(s) related to this exposure that require further evaluation or treatment.
5. The increased health risks associated with smoking and working exposed to asbestos (i.e., cancer).
6. Any recommended limitations upon the applicant/employee continued exposure or use of personal protective equipment.

Based on my evaluation, it is my opinion that this applicant/employee is: (Check all that apply)

- ☐ In need of the following additional test(s) or evaluation(s) to determine qualification: _____
- ☒ Medically qualified for unrestricted use of the following respiratory protective devices:
CATEGORY I: Self-Contained; Air-Supplied (Continuous Flow, Demand and Pressure Demand); Canister Mask; Chemical Cartridge and Mechanical Filter with and without Blower.

- ☐ Medically qualified for restricted use of respiratory protective devices as indicated below:

CATEGORY II	
Self-Contained	1-2 hours per day
Air-Supplied	
Continuous Flow	Unlimited
Demand	Up to 4 hours/day
Pressure Demand	Up to 4 hours/day
Canister Mask	1-2 hours per day
Chemical Cartridge	1-2 hours per day
Mechanical Filter	1-2 hours per day
Mechanical Filter w/Blower	Unlimited

CATEGORY III	
Self-Contained	Never
Air-Supplied	
Continuous Flow	Emergency only
Demand	Emergency only
Pressure Demand	Emergency only
Canister Mask	Never
Chemical Cartridge	Never
Mechanical Filter	Never
Mechanical Filter w/Blower	Emergency only

- ☐ In need of other restrictions not related with respirator use: _____
- ☐ In need of Medical Follow-Up Examinations as frequently as every: _____ to include: _____
- ☐ Other: _____

COMMENTS:

Examiner: Aundrea N. Wilson, M.D.
A60470

Signature: _____

Date: 12/2/15

Regulations restrict examiners from revealing in this written opinion any findings and/or medical conditions unrelated to the occupational exposure and require it to be issued to the employer within 15 days of the evaluation.

State of California Department of Public Health

Lead-Related Construction Worker

Certificate

Worker

11/03/2011



Salvador Arrequin

110-30271

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600

03268233

**Laborers' Training and Retraining
Trust Fund for Northern California**

*** * * - * * - 4132**



Salvador Arreguin Valdes
41320818



1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Worker Re-Certification : Spanish

Salvador Arreguin Valdes
Certificate Number: 41320818

**THIS CERTIFICATE INDICATES SUCCESSFUL COMPLETION OF TRAINING
MANDATED BY THE EPA FOR AHERA WORKER RE-CERTIFICATION IN
ASBESTOS UNDER (TSCA) ACT TITLE II Provider: CA-012-12**

Start Date: 8/10/2018
Completion Date: 8/10/2018 **Expiration Date: 8/10/2019**


Eduardo Vaca, Asbestos Training Director

Date: 8/10/2018

LTC 13070

Asbestos Worker Refresher Course (Sp)

Gerardo Moreno

CERT #: AWA5P051313C004N16191

Training Date: 06/16/2013

Exam Date: 06/16/2013

Expiration: 06/16/2019

DOSH #: CA-015-12

Michael W. Horner, Training Director



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

OFFICE
510-683-8780



LAX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Salvador Arcequin S/S# 4432

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 09-04-18 TESTED BY José L. Mendez

TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER
FIT
NO FIT
COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (i) (ii)

CARTRIDGE TYPE:	WILSON	TC-21C-377
CARTRIDGE TYPE:	MSA	TC-21C-353
CARTRIDGE TYPE:	NORTH	TC-21C-152
CARTRIDGE TYPE:	NORTH	TC-23C-210 ORGANIC

Salvador Arcequin
EMPLOYEE'S SIGNATURE

9-14-18
DATE

CORPORATE OFFICE
193 BOGGS TERRACE

CENTRAL VALLEY
10411 SMALL ROAD
CITY OF STOCKTON, CA 95216

143920

CDPH COURSE COMPLETION FORM
AND TRAINING CERTIFICATE

6613

Form Number

Instructions: The top half of this form is to be completed by the student, and the bottom half is to be completed by the accredited training provider. The accredited training provider must submit the top (white) copy of this form to CLPPB and the last two (pink and yellow) copies to the student within 30 calendar days of the student's successful completion of the final examination. **Instrucciones:** La parte superior de este formulario deberá ser completada por el estudiante y la parte inferior por el Proveedor acreditado del entrenamiento. El Proveedor del entrenamiento tiene que mandar la copia blanca a CLPPB y las copias rosada y amarilla al estudiante dentro de los siguientes 30 días después de haber pasado el examen final.

Student Information - to be completed by the student. Please print or type. Please firmly: (Cada campo completarse por el estudiante. Favor de escribir firmemente y con letra de molde.)

Name / Nombre (last / apellido primero) (first / primer nombre) (middle initial / segundo nombre) Telephone number / Número de teléfono
 Date of birth (month/day/year) / Fecha de nacimiento (mes/día/año)
 Home address (number, street, apartment number, PO box) / Dirección (número, calle, número de apartamento, apartado postal)

City / Ciudad State / Estado ZIP code / Código postal

Mailing address, if different (employer or union name, number, street, apartment number, PO box number) / Dirección de correo, si es diferente (nombre de patron o unión, número, calle, número de apartamento, apartado postal)

City / Ciudad State / Estado ZIP code / Código postal

Photo identification / Tarjeta de identificación con foto
 Number / Número Type / Tipo

☐ Driver's license / Licencia de conducir
☐ Resident alien card / Tarjeta de residencia
☐ Other ID / Otro tipo de ID (specify / especifique):

Gender / Sexo

☒ Male / Masculino ☐ Female / Femenino

If currently CDPH certified, provide CDPH certificate ID number / Si está certificado por CDPH, favor de dar su número de CDPH

Race/Ethnicity / Raza/Etnia

☐ Asian / Asiático ☐ Black/African American / Negro/Africano Americano ☐ Latino/Hispanic / Latino/Hispano ☐ Native American / Americano Nativo
☐ White / Caucasico ☐ Pacific Islander / Pacífico Islaño ☐ Other / Otro

Prior to signing, read the Privacy Statement and other information on the back of the form.

Antes de firmar, lee la Declaración Sobre la Privacidad, y otra información en la parte de atrás de este formulario.

Signature of student / Firma del estudiante

Date (month/day/year) / Fecha (mes/día/año)

Training Information - to be completed by accredited training provider. Please print or type. Please firmly.

Accredited Training Provider name and address

LABORER'S TRAINING & RETRAINING
 TRUST FUND FOR NORTHERN CALIFORNIA
 1001 WESTSIDE DRIVE
 SAN RAMON, CA 94583

Training Provider Phone Number

(925) 828-2523

Course Number

LRTFN-011-CEW (SP)

Course title:

☐ Work☐ Inspector/Assessment☐ Certified Industrial Hygienist☐ Sampling Technician☒ Continuing Education for Workers☐ General Continuing Education☐ Supervision and Project Monitoring☐ Supplemental Supervision and Project Monitoring

Instructor Name(s):

ALVARO
REYNASO☐ English☒ Spanish

Course dates (month/year)

01/12/18 to 01/12/18

Number of contact hours
of instruction completed

8

Date student passed course or continuing
education final examination (month/year)

01/12/18

Course instruction (if different)

Course instruction CCF number

Course CCF date (month/year)

Location of course

1001 WESTSIDE DRIVE
SAN RAMON, CA 94583-4098

As Training Director, I hereby certify, under penalty of perjury, that the information provided herein is true and correct.

Name of Training Director / Nombre del Director

Signature of Training Director

Date (month/year)

1/23/2018

Training Provider

Training Provider

Training Provider

Training Provider

Concentra Occupational Med Ctrs-CA
3775 Central Expressway, Suite 200, Fremont, CA 94538
Phone: (510) 351-1100 Fax: (510) 351-1105
Medical Surveillance - Asbestos

Service Date: 09/04/2018

Patient: <u>Moreno, Gerardo</u>	Job Title: _____
SSN: <u>XXX-XX-5673</u>	Employer: <u>Laborers Trust Fund</u>
DOB: <u>09/17/1975</u>	Address: <u>8301 Edgewater Dr Ste 201</u>
Gender: <u>M</u>	<u>Oakland, CA 94621</u>
Marital Status: <u>M</u>	Job Contact: <u>Ruben Barba</u>
Address: <u>3230 ELMWOOD</u>	Role: <u>Primary Contact</u>
<u>OAKLAND, CA 94601</u>	Phone: <u>(510) 569-4761</u> Ext.: _____
Home Phone: <u>(510) 575-7739</u>	Fax: <u>(510) 569-4763</u>
Work Phone: _____ Ext.: _____	Race: <u>ASIAN BLACK HISPANIC INDIAN WHITE OTHER</u>

The above individual was seen on 09/04/2018 in accordance with: ☒ 29 CFR 1928.1101.
☒ 10 CFR 733.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1928.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1928.1101 (M)(2)(d)(C)
- ☐ NOTE: According to 29 CFR 1928.1101 (M)(2)(d)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or Limitations (if any) _____

Ruben Barba, M.D.
Provider Signature

9/4/18
Date

OFFICE
510-683-8780



LAX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SDBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Gerardo Moreno S/S# 5673

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 01/02/18 TESTED BY James F. Turner

TEST RESULTS:

ISOAMYL ACETATE

IRRITANT SMOKE

OTHER

FIT

NO FIT

COMFORT:

COMFORTABLE

TOLERABLE

INTOLERABLE

COMMENTS:

Irritant smoke and ampules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (i) (ii)

CARTRIDGE TYPE: WILSON TC-21C-377

CARTRIDGE TYPE: MSA TC-21C-353

CARTRIDGE TYPE: NORTH TC-21C-152

CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

EMPLOYEE'S SIGNATURE Gerardo Moreno

DATE 01/02/18

CORPORATE OFFICE
93 ROGGE TERRACE

CENTRAL VALLEY
1601 SMALL ROAD

Elias Cervantes

Training Date: 02/09/2018

Exam Date: 02/09/2018

Expiration: 02/09/2019

DOSH #CA-015-12

Michael W Horner, Training Director



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 08-11-2010 BY 60322 UCBAW



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621
800-969-3228 | www.NATECIntl.com



ASBESTOS MEDICAL SURVEILLANCE EVALUATION Written Medical Opinion

Employee: _____ LABORERS TRUST FUND/NOR C 234880
 DOS: 3/16/18 DOB: 2/13/71
 Last Four Digits of the Social Security #: _____ Patient: CERVANTES, ELIAS
 Employer: _____ Case # : 84-285110 Ref # : 51081/RED/I

Based on information provided by the employer, in accordance with the Title 8 California Code of Regulations 1529, 5208, 8358, 5194 and 1544 regarding exposure to Asbestos applicable to this applicant/employee I certify that in accordance with the regulations cited above the applicant/employee has been informed of:

1. The results of this medical examination.
2. The health hazards and medical conditions associated with the exposure to asbestos.
3. Any detected medical conditions that could place the applicant/employee at an increased risk of material health impairment.
4. Any detected medical condition(s) related to this exposure that require further evaluation or treatment.
5. The increased health risks associated with smoking and working exposed to asbestos (i.e., cancer).
6. Any recommended limitations upon the applicant/employee continued exposure or use of personal protective equipment.

Based on my evaluation, it is my opinion that this applicant/employee is: (Check all that apply)

☐ In need of the following additional test(s) or evaluation(s) to determine qualification: _____

☒ Medically qualified for unrestricted use of the following respiratory protective devices:

CATEGORY I: Self-Contained; Air-Supplied (Continuous Flow, Demand and Pressure Demand); Canister Mask; Chemical Cartridge and Mechanical Filter with and without Blower.

☐ Medically qualified for restricted use of respiratory protective devices as indicated below:

CATEGORY II	
Self-Contained	1-2 hours per day
Air-Supplied	
Continuous Flow	Unlimited
Demand	Up to 4 hours/day
Pressure Demand	Up to 4 hours/day
Canister Mask	1-2 hours per day
Chemical Cartridge	1-2 hours per day
Mechanical Filter	1-2 hours per day
Mechanical Filter w/Blower	Unlimited

CATEGORY III	
Self-Contained	Never
Air-Supplied	
Continuous Flow	Emergency only
Demand	Emergency only
Pressure Demand	Emergency only
Canister Mask	Never
Chemical Cartridge	Never
Mechanical Filter	Never
Mechanical Filter w/Blower	Emergency only

☐ In need of other restrictions not related with respirator use: _____

☐ In need of Medical Follow-Up Examinations as frequently as every: _____ to include: _____

☐ Other: _____

COMMENTS:

U.S. HealthWorks Clinic
 Jaye Lopez, P.A.
 A License #PA31338

Examiner: _____ Signature:  Date: 3/21/18

Regulations restrict examiners from revealing in this written opinion any findings and/or medical conditions unrelated to the occupational exposure and require it to be issued to the employer within 15 days of the evaluation.

OFFICE
510-683-8780



1 AX
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SDBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Phil (Tyndale) S/S# 1 1416

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 7-12-18 TESTED BY Conrado Filadelfo

TEST RESULTS:

ISOAMYL ACETATE

IRRITANT SMOKE

OTHER

FIT

NO FIT

COMFORT:

COMFORTABLE

TOLERABLE

INTOLERABLE

COMMENTS:

Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (iii)

CARTRIDGE TYPE: WILSON TC-21C-377

CARTRIDGE TYPE: MSA TC-21C-353

CARTRIDGE TYPE: NORTH TC-21C-152

CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

Phil Tyndale
EMPLOYEE'S SIGNATURE

7-12-18
DATE

CORPORATE OFFICE
93 BOGGS TERRACE

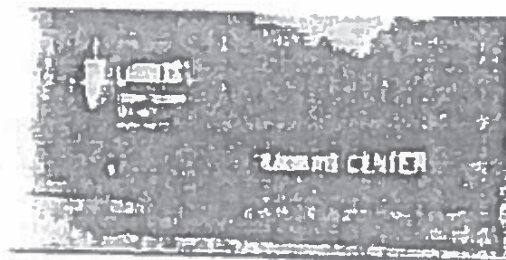
CENTRAL VALLEY
1941 SMALL ROAD

**Laborers' Training and Retraining
Trust Fund for Northern California**

*** - ** - 2434



Vicente Quintero
24340918



1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Contractor Supervisor Recertification
Vicente Quintero

Certificate Number: 24340918

THE PERSON RECEIVING THIS CERTIFICATE HAS COMPLETED AND PASSED
THE REQUIRED TRAINING MANDATED BY THE EPA FOR AHERA ASBESTOS
CONTRACTOR SUPERVISOR RECERTIFICATION AS REQUIRED FOR
ASBESTOS ACCREDITATION UNDER TOXIC SUBSTANCES CONTROL ACT
(TSCA) TITLE II

Provider: CA-012-04

Start Date: 9/22/2018

Completion Date: 9/22/2018

Expiration Date: 9/22/2019

Eduardo Vaca, Asbestos Training Director

Date: 9/22/2018

ITC 13114

Concentra Occupational Med Ctrs-CA

2587 Market Street San Leandro, CA 94577
Phone: (510) 351-3553 Fax: (510) 351-3585

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Quintero, Vicente

Employer: Labors Trust Fund

Check Type of Respirator(s) To Be Used (Check ☒ ALL that apply)

- ☐ Air-purifying (non-powered) ☐ Air-purifying (powered)
☐ Atmosphere supplying Respirator
☐ Combination air line and SCBA
☐ Continuous-Flow Respirator
☐ Supplied-Air Respirator
☐ Open Circuit SCBA ☐ Closed Circuit SCBA
☐ Dust Mask ☐ 1/2 Face with Canisters ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions
(Check ☒ ALL That Apply When Wearing Respirator)

- ☐ High Places ☐ Enclosed Places ☐ Protective Clothing
☐ Temperature Extremes ☐ Mostly Cold ☐ Mostly Hot
☐ Other: _____

Questionnaire will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Address:

368 Pamela Ave Apt 5

SAN JOSE

CA

95118

Employee SSN: XXX XX-2434

Extent of Usage (Check ☒ ALL that apply)

- ☐ On a daily basis _____ Total Hours
☐ Occasionally - but not more than twice a week _____ Total Hours
☐ Rarely - or for Emergency situations only _____ Total Hours

Expected Physical Effort Required (Check ☒ ALL that apply)

- ☐ Light ☐ Moderate ☐ Heavy

Exposure to Hazardous Materials (Check ☒ ALL that apply)

- ☐ Arsenic ☐ Benzene
☐ Coke Oven ☐ Cotton Seed / Dust
☐ Cadmium ☐ Formaldehyde
☐ Methylene Chloride ☐ Lead
☐ Textiles ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____

Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

DO NOT WRITE BELOW THIS LINE

PLHCP¹ WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on separate forms, in separate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ☒ ALL that apply)

☐ Employee must schedule a medical examination with Concentra Occupational Med Ctrs-CA prior to respirator approval and usage.

☐ Class I - No Restrictions on Respirator Use

☐ Class II - Some Specific Use Restrictions

☐ To be used for Emergency Response or Escape Only

☐ Other: _____

☐ Class III - Respirator Use is NOT PERMITTED

☐ Further Testing / Evaluation is Required. ²

☐ Fit Test Required

☐ Fit Test Performed Satisfactorily

☐ Fit Test Performed Unsatisfactorily

☐ Fit Test NOT Performed at: Concentra Occupational Med C

☐ Special prescription eyewear needed to accommodate respirator

☐ Special prescription eyewear needed to accommodate respirator

☐ Facial hair needs to be shaved to assure tight seal on certain face masks.

¹ Physician or other Licensed Healthcare Professional

² Employee must seek further medical evaluation by a private physician who must submit a report to Concentra Occupational Med Ctrs-CA of his/her findings to

(Check ☒ ALL that apply)

☒ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.

☒ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature

Physician's License Number (Optional in Most States)

Physician's Name (Printed)

Date of Exam

Expires On

Asbestos Worker Refresher Course (Sp) Vicente Quintero

CERT #: AWRSP0209180009N17395

Training Date: 02/09/2018

Exam Date: 02/09/2018

Expiration: 02/09/2019

COSH #: CA-015-12


Michael W. Horner, Training Director



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8350 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

Medical Surveillance - Asbestos

Service Date: 03/12/2018

Patient: QUINTERO, VINCENTE
 SSN: XXX-XX-0871
 DOB: 06/15/1993
 Gender: M
 Marital Status: S
 Address: 750 JENNT CT
SAN JOSE, CA 95138
 Home Phone: (408) 560-8782
 Work Phone: _____ Ext.: _____

Job Title: _____
Employer: Laborers Trust Fund
Address: 3301 Edgewater Dr Ste 201

 Oakland, CA 94621
Job Contact: Ruben Barba
Role: Primary Contact
Phone: (510) 559-4761 **Ext.:** _____
Fax: (510) 559-4783
Race: ASIAN BLACK HISPANIC IN

The above individual was seen on 03/12/2018 in accordance with: 29 CFR 1928.1101.
40 CFR 783.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☐ Review of the employer's description of this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☐ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV₁) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(II)(C).
- ☐ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any):

Provider Signature

12.18

OFFICE
510-683-8780



1 X
510-683-8782

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614029 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME VICENTE (PUNTERO) S/S# 1734

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	8100 SERIES	/	LARGE
RESPIRATOR TYPE -	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 7-27-18 TESTED BY Frank Flucione

TEST RESULTS:

ISOAMYL ACETATE

IRRITANT SMOKE

OTHER

FIT

NO FIT

COMFORT:

COMFORTABLE

TOLERABLE

INTOLERABLE

COMMENTS:

Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (ii)

CARTRIDGE TYPE:	WILSON	TC-21C-377
CARTRIDGE TYPE:	MSA	TC-21C-353
CARTRIDGE TYPE:	NORTH	TC-21C-152
CARTRIDGE TYPE:	NORTH	TC-23C-210 ORGANIC

EMPLOYEE'S SIGNATURE

DATE

7-27-18

CORPORATE OFFICE
93 BOGGS TERRACE
FREMONT, CA 94539

CENTRAL VALLEY
1041 SMALL ROAD
MANTECA, CA 95336

OFFICE
510-683-8780



FAX
510-683-8780

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
H. AZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBB

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Vicente Quintero S/S# -0671

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	<u>LARGE</u>

DATE PERFORMED 01-29-2018 TESTED BY Vicente Quintero

TEST RESULTS:

FIT
NO FIT
COMFORT: COMFORTABLE IRRITANT SMOKE TOLERABLE OTHER
INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5) and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y) (i) (ii)

CARTRIDGE TYPE: WILSON TC-21C-377
CARTRIDGE TYPE: MSA TC-21C-353
CARTRIDGE TYPE: NORTH TC-21C-152
CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

[Signature]
EMPLOYEE'S SIGNATURE

1/29/18
DATE

CORPORATE OFFICE
193 BOGGS TERRACE
BERMONT CA 94539

CENTRAL VALLEY
10411 SMALL ROAD
MANTECOA CA 95336

Asbestos Worker Refresher Course (Sp)

Saul Lupian

CERT #: AWRSP1201170004N17059

Training Date: 12/01/2017

Exam Date: 12/01/2017

Expiration: 12/01/2018

DOSH #: CA-015-12


Michael W. Horner, Training Director



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 3398 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

State of California Department of Public Health
Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Worker

04/13/2019



Saul Z. Lupian



ID # 9942

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600

03269592

Concentra Occupational Med Ctrs-CA
1111 Market Street, Suite 1000, CA 94603
Phone: (510) 331-1233 Fax: (510) 331-1233
Medical Surveillance - Asbestos

Service Date: 08/29/2018

Patient: <u>Lupian, Saul</u>	Job Title: _____
SSN: <u>XXX-XX-8099</u>	Employer: <u>Laborers Trust Fund</u>
DOB: <u>04/13/1970</u>	Address: <u>3301 Edgewater Dr Ste 201</u>
Gender: <u>M</u>	<u>Oakland, CA 94621</u>
Marital Status: <u>S</u>	Job Contact: <u>Ruben Barba</u>
Address: <u>1339 102nd Ave</u>	Role: <u>Primary Contact</u>
<u>OAKLAND, CA 94603</u>	Phone: <u>(510) 569-4761</u> Ext.: _____
Home Phone: <u>(510) 712-4650</u>	Fax: <u>(510) 569-4763</u>
Work Phone: _____ Ext.: _____	Race: <u>ASIAN BLACK HISPANIC INDIAN WHITE OTHER</u>

The above individual was seen on 08/29/2018 in accordance with: 29 CFR 1926.1101
40 CFR 763.121.

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☒ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☒ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): _____

Harold H. Baker
Provider Signature

8/29/18
Date

OFFICE
510-683-8780

FAX
510-683-8782



R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Saul Lopez 3 S/S# -8099

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 06-13-2018 TESTED BY Tore Munoz

TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER

FIT

NO FIT

COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (ii)

CARTRIDGE TYPE: WILSON TC-21C-377

CARTRIDGE TYPE: MSA TC-21G353

CARTRIDGE TYPE: NORTH TC-21C-152

CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

EMPLOYEE'S SIGNATURE

DATE

06/13/2018

CORPORATE OFFICE
89 BOGGS TERRACE
OAKLAND, CA 94612

CENTRAL VALLEY
10411 SMALL ROAD
MANTROCA, CA 95336

Asbestos Worker Refresher Course (Sp)

Jared Cabrera

CERT #: AWRSP0209180003N17395

Training Date: 02/09/2018

Exam Date: 02/09/2018

Expiration: 02/09/2019

DOSH #: CA-015-12



Michael W. Horner, Training Director



THIS CERTIFICATE IS VALID FOR THE STATE OF CALIFORNIA ONLY. IT DOES NOT GUARANTEE THE QUALITY OF THE TRAINING OR THE QUALITY OF THE WORK. THE HOLDER OF THIS CERTIFICATE IS RESPONSIBLE FOR THE QUALITY OF THE WORK. THE HOLDER OF THIS CERTIFICATE IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE HOLDER OF THIS CERTIFICATE IS NOT TO BE USED FOR ANY OTHER PURPOSES.



NATEC International, Inc.

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

ID # 30915

03281310

Concentra Occupational Med Ctrs-CA
1297 Wood Street San Jose, CA 95127
Tel: (408) 551-3153 Fax: (408) 551-3158
Medical Surveillance - Asbestos

Service Date: 02/06/2018

Patient: <u>Cabrera, Jared</u>	Job Title: _____
SSN: <u>XXX-XX-8433</u>	Employer: <u>Laborers Trust Fund</u>
DOB: <u>12/03/1998</u>	Address: <u>8301 Edgewater Dr Ste 201</u>
Gender: <u>M</u>	<u>Oakland, CA 94621</u>
Marital Status: <u>S</u>	Job Contact: <u>Ruben Barba</u>
Address: <u>168 Pamela Ave</u>	Role: <u>Primary Contact</u>
<u>Apt 5</u>	Phone: <u>(510) 569-4761 Ext.:</u>
<u>SAN JOSE, CA 95116</u>	Fax: <u>(510) 569-4783</u>
Home Phone: <u>(408) 593-1172</u>	
Work Phone: _____ Ext.: _____	Race: <u>ASIAN BLACK HISPANIC INDIAN WHITE OTHER</u>

The above individual was seen on 02/06/2018 in accordance with. _____ 29 CFR 1926.1101
_____ 10 CFR 763.121

The following was performed:

- ☒ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☐ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☒ Review of information from previous medical examinations if available.
- ☒ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☒ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume of one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☒ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101, (M)(2)(ii)(C).
- ☒ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☐ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): cf

[Signature]
Provider Signature

2-6-18
Date

OFFICE
510-683-8780



FAX
510-683-378

R.B. CONSTRUCTION, INC.

GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC. EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Farrel Gibson SIS# 6448

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	<u>NORTH</u>	/	7700 MODEL	/	<u>LARGE</u>

DATE PERFORMED 01/29/18 TESTED BY Christopher T. Ennes

TEST RESULTS:

ISOAMYL ACETATE

IRRITANT SMOKE

OTHER

FIT

NO FIT

COMFORT:

COMFORTABLE

TOLERABLE

INTOLERABLE

COMMENTS:

Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (iii)

CARTRIDGE TYPE: WILSON TC-21C-377

CARTRIDGE TYPE: MSA TC-21C-353

CARTRIDGE TYPE: NORTH TC-21C-152

CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

Farrel Gibson
EMPLOYEE'S SIGNATURE

01/29/18
DATE

CORPORATE OFFICE
93 BOGGSTERRACE
BERMUDA, N.Y. 01020

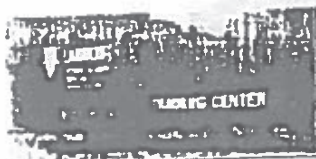
CENTRAL VALLEY
10411 SMALL ROAD
VAN NUYS, CA 91411

Laborers' Training and Retraining
Trust Fund for Northern California

* * * - * * - 2962



Sergio Briceno
29620618



1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Worker Re-Certification : Spanish

Sergio Briceno

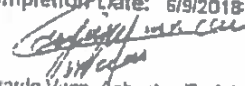
Certificate Number: 29620618

THIS CERTIFICATE INDICATES SUCCESSFUL COMPLETION OF TRAINING
MANDATED BY THE EPA FOR ASBESTOS WORKER RE-CERTIFICATION IN
ASBESTOS UNDER (TSCA) ACT TITLE II Provider: CA-012-12

Start Date: 5/9/2018

Completion Date: 6/9/2018

Expiration Date: 6/9/2019


Eduardo Vaca, Asbestos Training Director

Date: 6/9/2019

LTC 12961

State of California Department of Public Health

Worker

03/31/2019



Sergio Brigeno

ID #: 7985

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600

03273183

Service Date: 01/05/2018

Job Title: _____
Employer: Lacorers Trust Fund
Address: 8301 Edgewater Dr Ste 201
Oakland, CA 94621
Job Contact: Ruben Barba
Role: Primary Contact
Phone: (510) 569-4761 **Ext.:** _____
Fax: (510) 569-4763

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

i	5	2.018
	Page	

OFFICE
510-683-8780



1 X
510-683-8782

R.B. CONSTRUCTION, INC.
GENERAL BUILDING CONTRACTOR - ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC.
EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Sergio Briceo S/S# 2962

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	MEDIUM
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 01/02/18 TESTED BY Ronch FLORES
TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER

FIT

NO FIT

COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (ii)

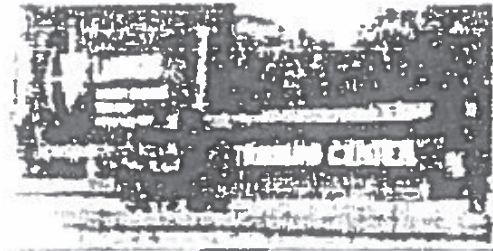
CARTRIDGE TYPE:	WILSON	TC-21C-377
CARTRIDGE TYPE:	MSA	TC-21C-353
CARTRIDGE TYPE:	NORTH	TC-21C-152
CARTRIDGE TYPE:	NORTH	TC-23C-210 ORGANIC

Sergio Briceo
EMPLOYEE'S SIGNATURE

01/02/18
DATE

**Laborers' Training and Retraining
Trust Fund for Northern California**

***** - ** - 9701**



**Filiberto Briceno
97010518**

**1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142**

**Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Contractor Supervisor Recertification
Filiberto Briceno**

Certificate Number: 97010518

**THE PERSON RECEIVING THIS CERTIFICATE HAS COMPLETED AND PASSED
THE REQUIRED TRAINING MANDATED BY THE EPA FOR AHERA ASBESTOS
CONTRACTOR SUPERVISOR RECERTIFICATION AS REQUIRED FOR
ASBESTOS ACCREDITATION UNDER TOXIC SUBSTANCES CONTROL ACT
(TSCA) TITLE II**

Start Date: 5/19/2018

Provider: CA-012-04

Completion Date: 3/19/2018

Expiration Date: 3/19/2019

Eduardo Vaca, Asbestos Training Director

Date: 5/19/2018

LTC 12941

Laborers' Training and Retraining Trust Fund for Northern California
Asbestos Contractor Supervisor Recertification
Filiberto Briceno

Certificate Number: 97010518

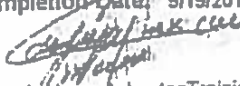
THE PERSON RECEIVING THIS CERTIFICATE HAS COMPLETED AND PASSED
THE REQUIRED TRAINING MANDATED BY THE EPA FOR AHERA ASBESTOS
CONTRACTOR SUPERVISOR RECERTIFICATION AS REQUIRED FOR
ASBESTOS ACCREDITATION UNDER TOXIC SUBSTANCES CONTROL ACT
(TSCA) TITLE II

Provider: CA-012-04

Start Date: 5/19/2018

Completion Date: 5/19/2018

Expiration Date: 5/19/2019


Eduardo Vaca, Asbestos Training Director

Date: 5/19/2018

Laborers' Training and Retraining
Trust Fund for Northern California

*** - ** - 9701



Filiberto Briceno
97010518



1001 Westside Drive San Ramon, CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

LTC 129-1

State of California Department of Public Health

Worker

11/13/2018



Filiberto Briceno

10-4: 7980

Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call
(800) 597-LEAD or
510-620-5600



03273192

... 37° 40' 00" N 151° 10' 00" E ...

Medical Surveillance - Asbestos

Job Title: _____
Employer: Laborers Trust Fund
Address: 8301 Edgewater Dr Ste 201
Oakland, CA 94621
Job Contact: Ruben Barba
Role: Primary Contact
Phone: (510) 569-4761 Ext.: _____
Fax: (510) 569-4763
Race: ASIAN BLACK HISPANIC IND

The above individual was seen on 01/09/2018 in accordance with: 29 CFR 1926.1101
30 CFR 763.121

The following was performed:

- ☐ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1928.1101.
- ☐ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☐ Review of information from previous medical examinations if available.
- ☐ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems
- ☐ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV₁) in accordance with NIOSH and ATS standards.
- ☐ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1928.1101. (M)(2)(ii)(C).
- ☐ NOTE: According to 29 CFR 1928.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☐ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any):

Prozess der Synthese

1212

OFFICE
510-683-8780



1. LX
510-683-8782

R.B. CONSTRUCTION, INC.
GENERAL BUILDING CONTRACTOR • ASBESTOS CERTIFIED
HAZARDOUS - SUBSTANCE REMOVAL & REMEDIATION CERTIFIED
CSLB #614028 - DOSH #396 - CALTRANS D.B.E. SMBE

R. B. CONSTRUCTION, INC.
EMPLOYEE RESPIRATOR FIT TEST RECORD

EMPLOYEE NAME Eliberto Briceño S/S# 9701

	MAKE		MODEL		SIZE
RESPIRATOR TYPE	WILSON	/	6100 SERIES	/	LARGE
RESPIRATOR TYPE	MSA	/	PAPR	/	<u>MEDIUM</u>
RESPIRATOR TYPE	NORTH	/	7700 MODEL	/	LARGE

DATE PERFORMED 01/02/18 TESTED BY Louie F. Tvean
TEST RESULTS:

ISOAMYL ACETATE IRRITANT SMOKE OTHER
FIT
NO FIT
COMFORT: COMFORTABLE TOLERABLE INTOLERABLE

COMMENTS: Irritant smoke and ampules test procedures per 29 CFR (Para 5)
and 29 CFR 1910.134 (B) (D) (E) and (F) and 29 CFR 1926.58 (Y)
(i) (ii)

CARTRIDGE TYPE: WILSON TC-21C-377
CARTRIDGE TYPE: MSA TC-21C-353
CARTRIDGE TYPE: NORTH TC-21C-152
CARTRIDGE TYPE: NORTH TC-23C-210 ORGANIC

Eliberto Briceño
EMPLOYEE'S SIGNATURE

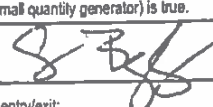
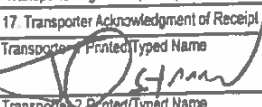
01/02/18
DATE

CORPORATE OFFICE
631 ROCKS TERRACE

CENTRAL VALLEY
1811 S. VALLEY BLVD.

APPENDIX C
Waste Disposal Documents

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC002989730		2. Page 1 of 1	3. Emergency Response Phone 800-428-5232		4. Manifest Tracking Number 017862912 JJK				
		5. Generator's Name and Mailing Address County of Alameda - GSA 1401 Lakeside Drive Oakland, CA 94612 Generator's Phone: (510) 208-9520				Generator's Site Address (if different than mailing address) County of Alameda GSA - White Cotton Cott 15400 Fairmont Drive San Leandro, ca 94578					
		6. Transporter 1 Company Name WORLD ENVIRONMENTAL & ENERGY, INC.				U.S. EPA ID Number CAR000037283					
		7. Transporter 2 Company Name				U.S. EPA ID Number					
		8. Designated Facility Name and Site Address ALTAMONT LANDFILL 10840 ALTAMONT PASS ROAD LIVERMORE, CA 94530 U.S.A.				U.S. EPA ID Number CAD981382732					
		Facility's Phone: 925-455-7300									
GENERATOR		9a. HM X		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) 1. RQ NA2212, ASBESTOS, 9 PG III		10. Containers		11. Total Quantity	12. Unit WL/Vol. Y	13. Waste Codes 151	
						No.	Type				
						1		cm			
14. Special Handling Instructions and Additional Information EPA REGION IX BAY AREA AQMP 375 Bealest suite 600 ASBESTOS REMOVAL REQUIREMENT 40 CFR 61 (BAGGED, SEALED, & LABELED) (800) 428-5232 (RB) San Francisco FRIABLE ASBESTOS CONTAINING MATERIAL NAERG #171 WE&E 3208 W. CAPITOL AVE. W. SACTO, CA 95691 94105											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Officer's Printed/Typed Name Sean Bagby of EFI global on behalf of Alameda County											
Signature 											
Month Day Year 11 30 18											
TRANSPORTER INTL		16. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:							
		Transporter signature (for exports only):		Date leaving U.S.:							
TRANSPORTER		17. Transporter Acknowledgment of Receipt of Materials		Signature		Month Day Year 11 30 18					
		Transporter 1 Printed/Typed Name 		Signature 		Month Day Year 11 30 18					
DESIGNATED FACILITY		18. Discrepancy		18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection		Manifest Reference Number:					
		18b. Alternate Facility (or Generator)		U.S. EPA ID Number							
DESIGNATED FACILITY		Facility's Phone:									
		18c. Signature of Alternate Facility (or Generator)				Month Day Year 11 30 18					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1.		2.		3.		4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name				Signature				Month Day Year 11 30 18			

167-BLC-0 6 10496

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NOTICE AND CERTIFICATION

The waste identified on manifest number 017862912JJK and bearing California Waste Code 151 is subject to land disposal restrictions contained in CCR Title 22, Chapter 18, Article I. The waste meets the definition of a treated hazardous waste pursuant to Health and Safety Code, Section 25179.3 (1)(2), which states that waste is considered treated if the waste does not contain any substances above the Soluble Thresholds Limit Concentration values established in CCR Title 22, Chapter 18, Article II; and the waste is not prohibited from land disposal as provided in Health and Safety Code, Section 25179.6

(waste analysis is attached for these wastes, where available)

As required by CCR Title 22, Chapter 18, Article I, The following certification is made for these wastes:

I warrant that I am an authorized representative of the generator. I certify under penalty of the law that the waste complies with the treatment standards specified in California Code of Regulations, Title 22, Division 4.5, Chapter 18, and Section 66268.114. I believe that the information I submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

GENERATOR: County of Alameda - GSA

ADDRESS: 1401 Lakeside Drive, Oakland, CA 94612

Sean Baerby
Print Name

S Baerby
Signature

Representative of Alameda County
Title

11-30-18
Date

1806101853

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0031

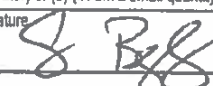
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC002989730	2. Page 1 of 1	3. Emergency Response Phone 800-428-5232	4. Manifest Tracking Number 000007145GBF				
5. Generator's Name and Mailing Address County of Alameda - GSA 1401 Lakesdie Drive Oakland, CA 94612 Generator's Phone: (510) 208-9520				Generator's Site Address (if different than mailing address) County of Alameda - white Cotton Cottage 15400 Fairmont drive San Leandro, ca 94578					
6. Transporter 1 Company Name World Environmental & Energy, Inc.				U.S. EPA ID Number CAR000037283					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address Clean Harbors Buttonwillow, LLC 2500 West Lokern Road Buttonwillow, CA 93206 Facility's Phone: (661) 762-6200				U.S. EPA ID Number CAD980675276					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
				No.	Type				
	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (LFAD), 9, PG III			1	DM	60	P	D008	181
	2.								
	3.								
4.									
14. Special Handling Instructions and Additional Information Clean Harbors Profile No.: CH1756400 RCRA PAINT CHIPS WITH incidental debris debris PO #: 1054									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name Sean Bagby of EFT on behalf of Alameda County									
Signature [Signature]									
Month Day Year 12 5 18									
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of departure Date leaving U.S.:									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Ther Jones									
Signature [Signature]									
Month Day Year 12 5 18									
Transporter 2 Printed/Typed Name									
Signature									
Month Day Year									
18. Discrepancy									
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number									
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)									
Month Day Year									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. 2. 3. 4.									
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name									
Signature									
Month Day Year									

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC002989730		2. Page 1 of 1	3. Emergency Response Phone 800-428-5232		4. Manifest Tracking Number 000007146GBF	
		5. Generator's Name and Mailing Address County of Alameda - GSA 1401 Lakeside drive Oakland, ca 94612 Generator's Phone: (510) 208-9520		Generator's Site Address (if different than mailing address) County of Alameda - White Cotton Cottage 15400 Fairmont drive San Leandro, ca 94578				
6. Transporter 1 Company Name World Environmental, Inc.		U.S. EPA ID Number CAR000037283		7. Transporter 2 Company Name		U.S. EPA ID Number		
8. Designated Facility Name and Site Address Clean Harbors Buttonwillow, LLC 2500 West Lokern Road Buttonwillow, CA 93206 Facility's Phone: (661) 762-6200		U.S. EPA ID Number CAD980675276						

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	1. NA3077, HAZARDOUS WASTE, SOLID, N.O.S., (LEAD), 9, PG III	15	DM	200	P	D008	611	
	2.							
	3.							
	4.							

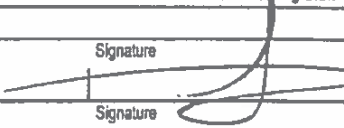
14. Special Handling Instructions and Additional Information
**Clean Harbors Profile No.: ch1756420 PO#: 1055
Soil contaminated with RCRA Lead**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name Sean Barry of EFI on behalf of Alameda County		Signature 	Month 12	Day 5	Year 18
--	--	---	--------------------	-----------------	-------------------

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Tom Jackson	Signature 	Month 12	Day 5	Year 18
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
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20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
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APPENDIX D
Photographs



Photo 1 – Using telescopic manlift to scrape upper section of White Cotton Cottage



Photo 2 – Entry to containment



Photo 3 – Containment exhaust port



Photo 4 – Removal of 12 feet of radiator pipe insulation: first story



Photo 5 – Removal of 12 feet of radiator pipe insulation: second story



Photo 6 – Removal of 2 feet of pipe insulation: Basement



Photo 7 – Laundry Room post-abatement



Photo 8 – Bathroom post-abatement



Photo 9 – Fireplace Hallway post-abatement



Photo 10 – Fireplace Hallway post-abatement



Photo 11 – Fireplace Hallway post-abatement



Photo 12 – Kitchen post-abatement



Photo 13 – Hallway leading to Northeast Room post-abatement



Photo 14 – Northeast Room post-abatement



Photo 15 – Light fixture post-abatement



Photo 16 – No vinyl floor tile in Basement



Photo 17 – Painting second story



Photo 18 – Paint work on second story



Photo 19 – In process of laying woodchips and fabric barrier



Photo 20 – Lead drums staged in locked area

APPENDIX E
Daily Reports/Field Logs



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant Ian Dirk & Karne Blatt Date: 11.19.18

Work Location: ~~15400~~ White Cotton Cottage

Page 1 of 1

Activity Log:

7:15 @ site, met Project Foreman, RB Construction, and general Contractor. Today's work mainly pump prep, cutting bushes around house and laying down poly. 7:30 got workers started. From @ RB 8:00 work prep done. 8:30. Workers document verification. Requested R.C. construction to provide updated documents for workers. 2 workers who had all documents started peeling paint on South Exterior wall.

9:00 Spray the pump. For Lead. Efi global Consultants took walk inside house to confirm Acm location.

10:30 Efi global Consultant talked to Foreman Jose - Based on Availability of workers interior Asbestos abatement may start Tuesday 11.20.18.

11:12. Workers. Lunch.

12:00 workers Back to work.

1:00 Efi global Consultant advised RB construction to spray water on Lead chips/dust on poly (on floor) to avoid creating lead dust due to wind. and properly bag & paint chips & seal the bag.

2:30 RB Construction Reported to Efi global's Consultant that they found more T&I insulation inside wall cavity. Efi global Consultant on site verified it and agreed with RB Construction that it's about 12 feet in length (3' diameter).

3:00 started wrap up. got cassettes off the eq pump.

3:15. Paint chips collected in plastic bag was put inside metal (55 gal) drum & hand labeled, stored inside fence.

3:30 off off end of the day



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant: Jan Dirk + Son Date: 11-20-18

Work Location: White Cotton Cottage Bagby

Page 1 of 1

Activity Log:

7:00 SMB, RB onsite. Aerial Man-Lift delivered
8:14 NE Lead Started at 3 LPM pump 194
8:15 SE Lead Started at 3 LPM pump 196
- Lead team working on southern 2nd Story, northern 1st + 2nd
- Asbestos team setting up containment
8:49 Asbestos in 1st Started at 7 LPM pump 198
8:53 Asbestos outlet Started at 5 LPM pump 199
8:30 Prolloff (20 yard) delivered
9:20 5 yd³ of wood chips delivered
10:05 All pump still running
11:00- 12:00 RB breaks for lunch
12:00 All pumps running
14:30 Begin dust cleanup
15:00 RB + SMB offsite



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant: Ian Pirie/Sam Bagby Date: 11-21-18

Work Location: White Cotton Cottage

Page 1 of

Activity Log:

7:00 RB, SMB onsite

There is only a lead crew today. No asbestos work will be done.

The plan is to finish scraping the exterior

750 Lead Sample NW corner started at 3 LPM pump 196

751 Lead Sample SW corner started at 3 LPM pump 194

825 Jose says rain is too strong to continue scraping. Crew

Stopping for the day, will begin clean up

845 RB offsite, SMB completing paperwork

915 SMB offsite



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant: Jan Dirk/Sean Blyth Date: 11-26-18

Work Location: White Cotton Cottage

Page 1 of

Activity Log:

- 700 RB, SMB onsite. Asbestos crew to abate drywall in fireplace room. Lead crew to continue scraping second story and raking/shoveling dirt 5' around the base of cottage
- 7:50 Lead East 3 LPM Pump 195
- 7:51 Lead North East 3 LPM Pump 196
- 7:52 Asb-Exhaust 5 LPM Pump 194
- 7:53 Asb-Inlet 5 LPM Pump 197
- 8:20 Steve from RB stopped to check site/progress 840 offsite
- 9:15 Call AEST to inform that RB is done with lead abatement and wants the county to inspect before painting. KC said she'd pass the message to KB
- 1100-~~1100~~ RB breaks for lunch
- 1120 Mike from County stopped by to inspect wants:
- SW window bay to be scraped again
 - Gutters cleaned out
 - Siding to be wiped/cleaned before paint application
 - Rechecked for unlocated ACM / document and inform county
 - Leave roofing cement in place because removing it would be detrimental to structure integrity
- 1200 Lead crew to spraypaint 2nd story
- 1430 Begin Clean-up / Stop air monitoring
- 15 SMB, RB offsite



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant Ken Dirk / Sean Bagby Date: 11-27-18

Work Location: White Cotton Cottage

Page 1 of 2

Activity Log:

700 RB + SMB onsite: plan is to finish painting the upper level and hard to reach areas

7:15 KB onsite

7:30 SB/KB inspecting abatement and looking for missed ACM.

- 12x12 VFT light brown w/streaks found in Northeast room on 1st floor, summary had it listed in Northwest room

- There is no VFT in the basement

- There is a layer of drywall beneath the abated drywall. 9:05 Ben confirmed to abate

930 - KB offsite

1000 - Mike from RB Stopped to assess progress

1100-1200 - RB lunch

11:25 Amy Meyer from BAAQMD stopped by for an inspection looking for specifics regarding J-Number. She asked for a copy of Jose's asbestos cert, the manifest and labels. She inspected the exterior of the house and asked about water source and view points.

1200 - RB to abate VFT and last of drywall

1232 - Asbestos ^{Exhaust} Inlet 3 LPM pump 196

1233 - Asbestos Inlet 3 LPM Pump 194

1345 - Jason from County stopped by concerns are:



Abatement Monitoring Log

Project Number: _____ Project Consultant: _____ Date: 11-27-18

Work Location: _____

Page 2 of 2

Activity Log:

- Waste in locked dumpster or in house - locked gate SE corner
- Minor scraping on southern gutter
- No visible paint chips within 5' of house

1400 SMB goes up in boom lift to visually inspect SE corner of house per Jason's request. See video/photos. Scraping and paint job pass inspection. RB begin cleaning up

1407 Turn off Asb-Ex

1408 Turn off Asb-in

1420 RB offsite

1430 SMB offsite



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant Ian Dick/Sean Byg Date: 11-28-18

Work Location: White Cotton Cottage

Page 1 of

Activity Log:

7:00 RB/SMB/AE onsite

- Plan is to pull back wood chips and felt to remove all visible paint chips
- only 6 air pumps 5 to be used for asbestos clearance, 1 to be used for lead monitoring

807 - Lead NE 3 LPM pump #4

Asbestos	
Clearance -	South-east room
"	- fireplace
"	- laundry
"	- kitchen
"	- North-east room

WE lead	
Lead NW	(outside)

Start PM 10:00am 10 LPM all

9:55 KB called. Said per Ian's advice to set pump at 10 LPM and run 1200 L of air through each.

10:00 Start new sampler

10:30 - 11:30 JB lunch

11:20 Ian stops to check out progress. He is pleased and has no issues

12:45 Ed from county stopped at Jason's request to examine paint job. No issues.

1445 RB offsite

1450 SMB/AE offsite



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant Tim Doherty/Sean Bagby Date: 11-30-18

Work Location: White Cotton Cottage

Page 1 of 1

Activity Log:

- 7:00 RB/SMB onsite
- 9:00 Chris from RB onsite
- 9:40 SMB calls LA testing to check status of clearance sampling. David with LA said they'd be out by 10:25
- 10:15 Jason onsite completes site walk of exterior. No issues. Says He or EFT will sign for pickup of lead waste in ~ 10-15 days.
- 10:30 Truck to remove asbestos waste arrives
- 11:05 Call KB to say update. Will wait til 11:30 for lab report to confirm if containment can be deconstructed.
- 11:30 SMB calls LA testing. LA say report went out at 11. Will send to SMB's email.
- 11:50 All clearance samples < 0.01 F/cc, will deconstruct containment
- 12:15 RB/SMB offsite



Abatement Monitoring Log

Project Number: 9821502712 Project Consultant Ian Dick/Sara Bayly Date: 12-5-18

Work Location: White Cotton Cottage

Page 1 of 1

Activity Log:

7:50 SB onsite, RB already onsite, drums are staged and ready for pickup

8:15 Waste hauler onsite

8:30 Steve picks up key and special screw from RB

8:45 Waste hauler, RB, SB offsite

Air Sample Data Sheet

Project Name: White Cotton College	Project Number: 9821502712
Work Area: South Ex Wall	Date: 11.19.18

Sample Location	1	2						
Sample I.D.	01	02						
Start Time	9.10	9.13						
Stop Time	2.46	2.46						
Total Time	336 min	333 min						
Start Flow	2.0	3.0						
Stop Flow	2.0	3.0						
Average Flow	2.0	3.0						
Total Volume	672 L	999 L						
Result								

Work Activities: Scrapping of Loose & Flaky LBP on South, West & Small Portion of North Wall (Lower level).

Sample Type:	Lead Air (Environmental) (perimeter)
Name:	Kartik Bhutkar

Air Sample Data Sheet

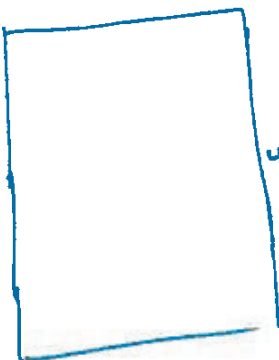
Project Name: <u>White Cotton Cottage</u>		Project Number: <u>1821502712</u>	
Work Area:		Date: <u>11-20-18</u>	

1 - Lead NE Corner

4 - Asbestos Outlet

3 - Asbestos Inlet

2 - Lead SE corner




 N

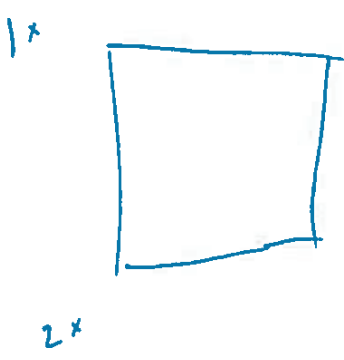
Sample Location	1	2	3	4			
Sample I.D.	Lead NE	Lead SE	Asb-In	Asb-Out			
Start Time	8:14	8:15	8:49	8:53			
Stop Time	14:35	14:37	14:39	14:41			
Total Time	14:35 L	442 min	410 min	409 min			
Start Flow	3 LPM	3 LPM	7 LPM	5 LPM			
Stop Flow	3 LPM	3 LPM	7 LPM	5 LPM			
Average Flow	3	3	7	5			
Total Volume	1323 L	1326 L	2870 L	2045 L			
Result							

Work Activities: Lead/Asbestos Abatement

Sample Type:

Name: Sean Bagby

Air Sample Data Sheet

Project Name: <u>White Cotton Cottage</u>		Project Number: <u>9821502712</u>	
Work Area:		Date: <u>11-21-18</u>	
			
Sample Location	1	2	
Sample I.D.	<u>Lead NW</u>	<u>Lead SW</u>	
Start Time	<u>7:50</u>	<u>7:51</u>	
Stop Time	<u>8:30</u>	<u>8:31</u>	
Total Time	<u>40 min</u>	<u>40 min</u>	
Start Flow	<u>3</u>	<u>3</u>	
Stop Flow	<u>3</u>	<u>3</u>	
Average Flow	<u>3</u>	<u>3</u>	
Total Volume	<u>120 L</u>	<u>120 L</u>	
Result			
Work Activities: <u>Lead abatement</u>			
Sample Type:			
Name: <u>Sean Bagby</u>			

Air Sample Data Sheet

Project Name: <u>White Cotton Cottage</u>	Project Number: <u>9821502712</u>
Work Area:	Date: <u>11-26-18</u>

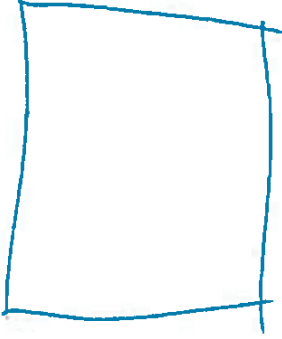
2

4
1
3

N

Sample Location	1	2	3	4		
Sample I.D.	<u>Lead - E</u>	<u>Lead - NE</u>	<u>Asb - In</u>	<u>Asb - Ex</u>	<u>Lead Blank</u>	<u>Asb Blank</u>
Start Time	<u>7:50</u>	<u>7:51</u>	<u>7:52</u>	<u>7:53</u>		
Stop Time	<u>1435</u>	<u>1436</u>	<u>1437</u>	<u>1438</u>		
Total Time	<u>465 min</u>	<u>465 min</u>	<u>465 min</u>	<u>465 min</u>		
Start Flow	<u>3 LPM</u>	<u>3 LPM</u>	<u>3 LPM</u>	<u>3 LPM</u>		
Stop Flow	<u>3</u>	<u>3</u>	<u>5</u>	<u>5</u>		
Average Flow	<u>3</u>	<u>3</u>	<u>5</u>	<u>5</u>		
Total Volume	<u>1395 L</u>	<u>1395 L</u>	<u>2325 L</u>	<u>2325 L</u>		
Result						
Work Activities: <u>Lead/Asbestos abatement</u>						
Sample Type:						
Name: <u>Sean Bagby</u>						

Air Sample Data Sheet

Project Name: <u>White Cotton Cottage</u>		Project Number:	
Work Area:		Date: <u>11-27-18</u>	
			
			
Sample Location	<u>1</u>	<u>2</u>	
Sample I.D.	<u>Asb-Ex</u>	<u>Asb-In</u>	
Start Time	<u>1232</u>	<u>1233</u>	
Stop Time	<u>1407</u>	<u>1408</u>	
Total Time	<u>95 min</u>	<u>95 min</u>	
Start Flow	<u>3</u>	<u>3</u>	
Stop Flow	<u>3</u>	<u>3</u>	
Average Flow	<u>3</u>	<u>3</u>	
Total Volume	<u>285 L</u>	<u>285 L</u>	
Result			
Work Activities:			
Sample Type:			
Name:			

Air Sample Data Sheet

Project Name: <u>White Cotton Cottage</u>	Project Number: <u>9821502 712</u>
Work Area:	Date: <u>11/28/18</u>

Sample Location	1	2	3	4	5	6
Sample I.D.	Lead-NW	Lead-SE	Lead-FP	Lead-L	Lead-K	Lead-NE
Start Time	8:07	10:00	10:01	10:02	10:03	10:04
Stop Time	14:07	12:05	12:06	12:07	12:08	12:09
Total Time (h)	6	2:05	2:05	2:05	2:05	2:05
Start Flow (L/min)	3	10	10	10	10	10
Stop Flow	3	10	10	10	10	10
Average Flow	3	10	10	10	10	10
Total Volume	1080	1250	1250	1250	1250	1250
Result						

Work Activities:

Sample Type:

Name: Lead & Asbestos (Sean Bagby)



Abatement Personnel Log

Project Number: 9821502712 Project Consultant: Jan Dirk/KBhatt Date: 11.19.18

Abatement Supervisor: K. Bhatt Company: _____

Page 1 of 1

Personnel in Containment:	Sign In Time:	Sign Out Time:	Medical	Fit Test	Training
<u>Jose Munoz</u>			✓	✓	✓ ^A ✓
<u>Vicente Quintero</u>			✓	✓	✓ ✓
<u>Fidel Moreno</u> ✓			✓	✓	✓ ✓
<u>Saul Lupin</u>			✓	✓	✓ ✓
<u>Jaime Cabrera</u>			✓	✓	✓ ✓
<u>Elias Cervantes</u> ✓			✓	✓	✓ ✓
<u>Salvador Chavez</u> ✓			✓	✓	✓ ✓
* <u>German Lopez</u>			Ex	✓	✓ ✓ not ins
<u>David Elias</u> ✓				✓	✓ ✓
<u>Raul Ezquiel</u> ✓			✓	✓	✓ ✓
<u>Javier Arcequin</u> ✓			✓	✓	✓ ✓
<u>Salvador Arcequin</u> ✓				✓	✓ ✓
<u>David Elias</u>				✓	✓ ✓
<u>Gerardo Monreal</u>			✓	✓	✓ ✓



Abatement Personnel Log

Project Number: 9821502712 Project Consultant: Ian Dirk / Sean B Date: 11-20-18

Abatement Supervisor: S. Bagby Company: EFI Global

Page of

	Personnel in Containment:	Sign In Time:	Sign Out Time:	Medical	Fit Test	Training
Lead	Fidel Moreno			X	X	X
	Paul Ezquivel			X	X	X
	Gerardo Moreno			X	X	X
	Salvador Chavez			X	X	X
	Sergio Briceno			X	X	X
and	Vicente Quintero			X	X	X
Asbestos	Javier Arruquin			X	X	X
	Salvador Arruquin				X	X
	David Elias			X	X	X
	Filiberto Briceno			X	X	X
	Elias Cervantes			X	X	X



Abatement Personnel Log

Project Number: 9821502712 Project Consultant: Jan Dirky/Sean Bagby Date: 11-21-18

Abatement Supervisor: S Bagby Company: EFT Global

Page 1 of 1

Personnel in Containment:	Sign In Time:	Sign Out Time:	Medical	Fit Test	Training
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[illegible]



Abatement Personnel Log

Project Number: 9821502715 Project Consultant: Jan Dirk / Sean B Date: 11-26-18

Abatement Supervisor: Sean Bagby Company: EFT Global

Page 1 of 1

Personnel in Containment:

Sign In Time:

Sign Out Time:

Medical

Fit Test

Training

Architects ^{before} Salvador Chavez

Sergio Briceño

David Elias

Elias Cervantes

Fidel Moreno

1.000 1.000 1.000

Week

Gerardo Moreno

Rawl Equival

Vicente Quintero



Abatement Personnel Log

Project Number: 9821502712 Project Consultant: Dan Dirk / Sean B. Date: 11-27-18

Abatement Supervisor: S. Bagby Company: EFT Global

Page of

Personnel in Containment:	Sign In Time:	Sign Out Time:	Medical	Fit Test	Training
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Gerardo Moreno

<u>Real Eigenval</u>			X	X	X
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[illegible][illegible]

Age Group	Percentage
18-24	10%
25-34	15%
35-44	20%
45-54	25%
55-64	20%
65-74	15%
75-84	10%
85+	5%

Figure 1: Schematic representation of the experimental design. The figure shows a timeline of the experiment. It starts with a 'Pretest' phase, followed by a 'Main Experiment' phase. The Main Experiment is divided into two parts: 'Part 1' and 'Part 2'. Part 1 involves a 'Pretest' and a 'Main Experiment' with 'Condition 1' and 'Condition 2'. Part 2 involves a 'Pretest' and a 'Main Experiment' with 'Condition 1' and 'Condition 2'. The timeline ends with a 'Posttest' phase.

Figure 1: Schematic representation of the experimental design. The figure shows a timeline of the experiment. It starts with a 'Pretest' phase, followed by a 'Main Experiment' phase. The Main Experiment is divided into two parts: 'Part 1' and 'Part 2'. Part 1 involves a 'Pretest' and a 'Main Experiment' with 'Condition 1' and 'Condition 2'. Part 2 involves a 'Pretest' and a 'Main Experiment' with 'Condition 1' and 'Condition 2'. The timeline ends with a 'Posttest' phase.

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Population density (per sq mile)
Algeria	2000	24.0	14.0	58.3	10.0	26.0
Algeria	2001	24.2	14.2	58.7	10.1	26.2
Algeria	2002	24.4	14.4	59.0	10.2	26.4
Algeria	2003	24.6	14.6	59.4	10.3	26.6
Algeria	2004	24.8	14.8	59.7	10.4	26.8
Algeria	2005	25.0	15.0	60.0	10.5	27.0
Algeria	2006	25.2	15.2	60.3	10.6	27.2
Algeria	2007	25.4	15.4	60.6	10.7	27.4
Algeria	2008	25.6	15.6	60.9	10.8	27.6
Algeria	2009	25.8	15.8	61.2	10.9	27.8
Algeria	2010	26.0	16.0	61.5	11.0	28.0
Algeria	2011	26.2	16.2	61.8	11.1	28.2
Algeria	2012	26.4	16.4	62.1	11.2	28.4
Algeria	2013	26.6	16.6	62.4	11.3	28.6
Algeria	2014	26.8	16.8	62.7	11.4	28.8
Algeria	2015	27.0	17.0	63.0	11.5	29.0
Algeria	2016	27.2	17.2	63.3	11.6	29.2
Algeria	2017	27.4	17.4	63.5	11.7	29.4
Algeria	2018	27.6	17.6	63.8	11.8	29.6
Algeria	2019	27.8	17.8	64.0	11.9	29.8
Algeria	2020	28.0	18.0	64.3	12.0	30.0
Algeria	2021	28.2	18.2	64.5	12.1	30.2
Algeria	2022	28.4	18.4	64.8	12.2	30.4
Algeria	2023	28.6	18.6	64.9	12.3	30.6
Algeria	2024	28.8	18.8	65.0	12.4	30.8
Algeria	2025	29.0	19.0	65.3	12.5	31.0
Algeria	2026	29.2	19.2	65.5	12.6	31.2
Algeria	2027	29.4	19.4	65.7	12.7	31.4
Algeria	2028	29.6	19.6	65.9	12.8	31.6
Algeria	2029	29.8	19.8	66.0	12.9	31.8
Algeria	2030	30.0	20.0	66.3	13.0	32.0
Algeria	2031	30.2	20.2	66.5	13.1	32.2
Algeria	2032	30.4	20.4	66.6	13.2	32.4
Algeria	2033	30.6	20.6	66.8	13.3	32.6
Algeria	2034	30.8	20.8	66.9	13.4	32.8
Algeria	2035	31.0	21.0	67.0	13.5	33.0
Algeria	2036	31.2	21.2	67.1	13.6	33.2
Algeria	2037	31.4	21.4	67.2	13.7	33.4
Algeria	2038	31.6	21.6	67.3	13.8	33.6
Algeria	2039	31.8	21.8	67.4	13.9	33.8
Algeria	2040	32.0	22.0	67.5	14.0	34.0
Algeria	2041	32.2	22.2	67.6	14.1	34.2
Algeria	2042	32.4	22.4	67.7	14.2	34.4
Algeria	2043	32.6	22.6	67.8	14.3	34.6
Algeria	2044	32.8	22.8	67.9	14.4	34.8
Algeria	2045	33.0	23.0	67.9	14.5	35.0
Algeria	2046	33.2	23.2	67.9	14.6	35.2
Algeria	2047	33.4	23.4	67.9	14.7	35.4
Algeria	2048	33.6	23.6	67.9	14.8	35.6
Algeria	2049	33.8	23.8	67.9	14.9	35.8
Algeria	2050	34.0	24.0	67.9	15.0	36.0
Algeria	2051	34.2	24.2	67.9	15.1	36.2
Algeria	2052	34.4	24.4	67.9		

Country	18-24	25-34	35-44	45-54	55-64	65+
Canada	15%	18%	20%	22%	20%	5%
United States	12%	15%	18%	20%	22%	13%
United Kingdom	10%	12%	15%	18%	20%	25%
France	8%	10%	12%	15%	18%	37%
Germany	5%	8%	10%	12%	15%	50%
Japan	3%	5%	8%	10%	12%	62%



Abatement Personnel Log

Project Number: 9821302712 Project Consultant: Ian Pike / Seungh Date: 11-28-18

Abatement Supervisor: S. Bagby Company: EFI Global

Page of [illegible]

Gerardo Morano

Paul Equino				X	X	X
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Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the control group. The experimental group was divided into two subgroups: the experimental group and the experimental group. The control group was divided into two subgroups: the control group and the control group. The experimental group was divided into two subgroups: the experimental group and the experimental group.

Figure 6

[illegible]

Figure 1: Schematic representation of the experimental design. The diagram shows a sequence of events: a 10-second fixation cross, followed by a 10-second presentation of a stimulus (a word), then a 10-second presentation of a second stimulus (a word), and finally a 10-second presentation of a third stimulus (a word). The stimuli are presented in a sequence, with the first stimulus being a word, the second stimulus being a word, and the third stimulus being a word. The diagram is labeled 'Figure 1' and 'Schematic representation of the experimental design'.

Figure 1: Schematic representation of the experimental design. The figure shows a timeline of the experiment. It starts with a 'Pretest' phase, followed by a 'Main Experiment' phase. The Main Experiment is divided into two parts: 'Part 1' and 'Part 2'. Part 1 involves a 'Pretest' and a 'Main Experiment' with 'Condition 1' and 'Condition 2'. Part 2 involves a 'Pretest' and a 'Main Experiment' with 'Condition 1' and 'Condition 2'. The timeline ends with a 'Posttest' phase.

[illegible][illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pleasanton

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-89845-1

Client Project/Site: White Cotton Cottage

For:

R B Construction

893 Boggs Terrace

Fremont, California 94539

Attn: Mr. Christopher Luengo



Authorized for release by:

11/27/2018 1:15:58 PM

Jenna Hunsinger, Project Management Assistant I

hunsingerj@testamericainc.com

Designee for

Criselda Caparas, Project Manager I

(925)484-1919

criselda.caparas@testamericainc.com

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Job ID: 720-89845-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative 720-89845-1

Comments

No additional comments.

Receipt

The samples were received on 11/21/2018 12:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 24.7° C.

Metals

Method(s) 6010B: Batch 720-255962 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

Method(s) 6010B: The following samples were diluted to bring the concentration of target analyte Pb within the calibration range: 001-LEAD PAINT CHIPS W/DEBRIS (720-89845-1) and 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS (720-89845-2). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The following samples were diluted to bring the concentration of target analyte Pb within the calibration range: 001-LEAD PAINT CHIPS W/DEBRIS (720-89845-1) and 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS (720-89845-2). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 001-LEAD PAINT CHIPS W/DEBRIS

Lab Sample ID: 720-89845-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21000		8.8		mg/Kg	20		6010B	Total/NA
Lead	52		0.050		mg/L	1		6010B	TCLP
Lead	2200		5.0		mg/L	100		6010B	STLC Citrate

Client Sample ID: 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS

Lab Sample ID: 720-89845-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11000		4.7		mg/Kg	10		6010B	Total/NA
Lead	20		0.050		mg/L	1		6010B	TCLP
Lead	1700		5.0		mg/L	100		6010B	STLC Citrate

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 001-LEAD PAINT CHIPS W/DEBRIS

Lab Sample ID: 720-89845-1

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21000		8.8		mg/Kg		11/21/18 15:15	11/26/18 18:17	20

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	52		0.050		mg/L		11/24/18 08:57	11/26/18 14:12	1

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2200		5.0		mg/L		11/23/18 15:43	11/27/18 10:32	100

Client Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS

Lab Sample ID: 720-89845-2

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11000		4.7		mg/Kg		11/21/18 15:15	11/26/18 18:22	10

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		0.050		mg/L		11/24/18 08:57	11/26/18 14:17	1

Method: 6010B - Metals (ICP) - STLC Citrate

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1700		5.0		mg/L		11/23/18 15:43	11/27/18 10:36	100

QC Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-255751/1-A
Matrix: Solid
Analysis Batch: 256006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.50		mg/Kg		11/20/18 15:41	11/27/18 10:09	1

Lab Sample ID: LCS 720-255751/2-A
Matrix: Solid
Analysis Batch: 255993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	50.0	51.4		mg/Kg		103	80 - 120

Lab Sample ID: MB 720-255910/1-A
Matrix: Solid
Analysis Batch: 255962

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255910

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		11/24/18 08:57	11/26/18 13:35	1

Lab Sample ID: LCS 720-255910/2-A
Matrix: Solid
Analysis Batch: 255962

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255910

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	1.00	0.992		mg/L		99	80 - 120

Lab Sample ID: MB 720-255892/1-A
Matrix: Solid
Analysis Batch: 255990

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 255892

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050		mg/L		11/23/18 15:43	11/26/18 16:27	1

Lab Sample ID: LCS 720-255892/2-A
Matrix: Solid
Analysis Batch: 255990

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 255892

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Lead	1.00	0.948		mg/L		95	80 - 120

Lab Sample ID: LB 720-255824/1-B
Matrix: Solid
Analysis Batch: 255962

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 255910

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050		mg/L		11/24/18 08:57	11/26/18 13:44	1

Lab Sample ID: LB4 720-255717/1-B
Matrix: Solid
Analysis Batch: 255990

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 255892

Analyte	LB4 Result	LB4 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.050		mg/L		11/23/18 15:43	11/26/18 16:37	1

TestAmerica Pleasanton

QC Sample Results

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

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QC Association Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Metals

Leach Batch: 255717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	STLC Citrate	Solid	CA WET Citrate	
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	STLC Citrate	Solid	CA WET Citrate	
LB4 720-255717/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 255751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	Total/NA	Solid	3050B	
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	Total/NA	Solid	3050B	
MB 720-255751/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 720-255751/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 255824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	TCLP	Solid	1311	
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	TCLP	Solid	1311	
LB 720-255824/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 255892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	STLC Citrate	Solid	3005A	255717
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	STLC Citrate	Solid	3005A	255717
LB4 720-255717/1-B	Method Blank	STLC Citrate	Solid	3005A	255717
MB 720-255892/1-A	Method Blank	Total Recoverable	Solid	3005A	
LCS 720-255892/2-A	Lab Control Sample	Total Recoverable	Solid	3005A	

Prep Batch: 255910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	TCLP	Solid	3010A	255824
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	TCLP	Solid	3010A	255824
LB 720-255824/1-B	Method Blank	TCLP	Solid	3010A	255824
MB 720-255910/1-A	Method Blank	Total/NA	Solid	3010A	
LCS 720-255910/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 255962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	TCLP	Solid	6010B	255910
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	TCLP	Solid	6010B	255910
LB 720-255824/1-B	Method Blank	TCLP	Solid	6010B	255910
MB 720-255910/1-A	Method Blank	Total/NA	Solid	6010B	255910
LCS 720-255910/2-A	Lab Control Sample	Total/NA	Solid	6010B	255910

Analysis Batch: 255990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB4 720-255717/1-B	Method Blank	STLC Citrate	Solid	6010B	255892
MB 720-255892/1-A	Method Blank	Total Recoverable	Solid	6010B	255892
LCS 720-255892/2-A	Lab Control Sample	Total Recoverable	Solid	6010B	255892

Analysis Batch: 255993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	Total/NA	Solid	6010B	255751
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	Total/NA	Solid	6010B	255751

TestAmerica Pleasanton

QC Association Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Metals (Continued)

Analysis Batch: 255993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-255751/2-A	Lab Control Sample	Total/NA	Solid	6010B	255751

Analysis Batch: 256006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-255751/1-A	Method Blank	Total/NA	Solid	6010B	255751

Analysis Batch: 256013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	STLC Citrate	Solid	6010B	255892
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PA	STLC Citrate	Solid	6010B	255892

Lab Chronicle

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Client Sample ID: 001-LEAD PAINT CHIPS W/DEBRIS

Lab Sample ID: 720-89845-1

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			255717	11/21/18 12:32	SUN	TAL PLS
STLC Citrate	Prep	3005A			255892	11/23/18 15:43	GLL	TAL PLS
STLC Citrate	Analysis	6010B		100	256013	11/27/18 10:32	OBI	TAL PLS
TCLP	Leach	1311			255824	11/23/18 15:28	GLL	TAL PLS
TCLP	Prep	3010A			255910	11/24/18 08:57	MAA	TAL PLS
TCLP	Analysis	6010B		1	255962	11/26/18 14:12	OBI	TAL PLS
Total/NA	Prep	3050B			255751	11/21/18 15:15	MAA	TAL PLS
Total/NA	Analysis	6010B		20	255993	11/26/18 18:17	OBI	TAL PLS

Client Sample ID: 002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS

Lab Sample ID: 720-89845-2

Date Collected: 11/21/18 09:00

Matrix: Solid

Date Received: 11/21/18 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			255717	11/21/18 12:32	SUN	TAL PLS
STLC Citrate	Prep	3005A			255892	11/23/18 15:43	GLL	TAL PLS
STLC Citrate	Analysis	6010B		100	256013	11/27/18 10:36	OBI	TAL PLS
TCLP	Leach	1311			255824	11/23/18 15:28	GLL	TAL PLS
TCLP	Prep	3010A			255910	11/24/18 08:57	MAA	TAL PLS
TCLP	Analysis	6010B		1	255962	11/26/18 14:17	OBI	TAL PLS
Total/NA	Prep	3050B			255751	11/21/18 15:15	MAA	TAL PLS
Total/NA	Analysis	6010B		10	255993	11/26/18 18:22	OBI	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Accreditation/Certification Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Laboratory: TestAmerica Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2496	01-31-20
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.				
Analysis Method	Prep Method	Matrix	Analyte	

Method Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	TAL PLS
1311	TCLP Extraction	SW846	TAL PLS
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PLS
3010A	Preparation, Total Metals	SW846	TAL PLS
3050B	Preparation, Metals	SW846	TAL PLS
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	TAL PLS

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: R B Construction
Project/Site: White Cotton Cottage

TestAmerica Job ID: 720-89845-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-89845-1	001-LEAD PAINT CHIPS W/DEBRIS	Solid	11/21/18 09:00	11/21/18 12:00
720-89845-2	002-DIRT/DEBRIS FROM GROUND W/LEAD PAINT CHIPS	Solid	11/21/18 09:00	11/21/18 12:00

IESI America

IESI AMERICA San Francisco Chain of Custody
1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference # 186505

THE LEADER IN ENVIRONMENTAL TESTING

Report To **Christopher Luengo**

Analysis Request

Date 11/21/18 Page 1 of 1

Company **R.B. Construction, Inc.**

Address **893 Rogers Terr., Fremont, CA 94539**

Phone **510-683-8780**

Email **thorstg@earthlink.net**

Full T. REC Inc.

City **Ormsburg**

Phone **510-683-8780**

Sampled By **Chris Luengo**

Sample ID **001 - Lead**

Date **11/21** Time **9:00** Mat **561** Pres **NO**

Paint Chips w/ debris

002 - Dirt/Debris

from ground w/ lead

Paint Chips

Project Info.

Sample Receipt

Project Name **White Cotton Cottage**

Address **118071**

Temp **29.7 °C**

Conforms to record

Level 3

Level 4

EDD

State Tank Fund EDF

Global ID

See Terms and Conditions on reverse

Default for 8015B is

TPH EPA - ☐ 8015 ☐ 8021 ☐ 8260B
☐ Gas w/ ☐ BTEX ☐ MTBE

Purgeable Aromatics
BTEX EPA - ☐ 8021 ☐ 8260B

TEPH EPA 8015M* ☐ Silica Gel
☐ Diesel ☐ Motor Oil ☐ Other

Fuel Tests EPA 8260B ☐ Gas ☐ BTEX
☐ Five Oxygenates ☐ DCA, EDB ☐

Purgeable Halocarbons
(HVOCS) EPA 8021 by 8260B

Volatile Organics GC/MS (VOCs)
☐ EPA 8260B ☐ 624

Semivolatiles GC/MS
☐ EPA 8270 ☐ 625

Oil and Grease ☐ Petroleum
(EPA 1664) ☐ Total

Pesticides ☐ EPA 8081 ☐ 608
PCBs ☐ EPA 8062 ☐ 608

PNAs by ☐ 8270 ☐ 8310

CAM17 Metals
(EPA 6010/7470/7471)

Metals ☒ Lead ☐ LUFT ☐ RCRA
☐ Other

Low Level Metals by EPA 200.8/6320
(ICP-MS)

WET (STLC) ☒
TCLP ☒ **Run Both**

Hexavalent Chromium
pH (24h hold time for H₂O)

Spec Cond ☐ Alkalinity
TSS ☐ TDS ☐

Anions ☐ Cl ☐ SO₄ ☐ NO₃ ☐ F
☐ Br ☐ NO₂ ☐ PO₄

11/21/18

1) Relinquished by

Signature **Chris Luengo** Time **12:02 PM**

Printed Name **Chris Luengo** Date **11/21/18**

Company **R.B. Const. Inc.**

2) Relinquished by

Signature

Printed Name

Company



720-89845 Chain of Custody

3) Relinquished by

Signature

Printed Name

Company

1) Received by

Signature **Chris Luengo** Time **12:02 PM**

Printed Name **Chris Luengo** Date **11/21/18**

Company **R.B. Const. Inc.**

2) Received by

Signature

Printed Name

Company

3) Received by

Signature

Printed Name

Company

Login Sample Receipt Checklist

Client: R B Construction

Job Number: 720-89845-1

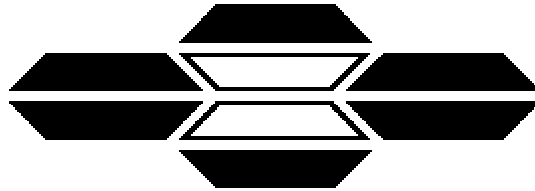
Login Number: 89845

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ASBESTOS TEM LABORATORIES, INC.

**CARB Method 435
Polarized Light Microscopy
Analytical Report**

Laboratory Job # 1434-03811

630 Bancroft Way
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429



ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP
Lab No. 1866



NVLAP Lab Code: 101891-0
Berkeley, CA

Sep/07/2018

Steff Steiner
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

RE: LABORATORY JOB # 1434-03811
Polarized light microscopy analytical results for 6 bulk sample(s).
Job Site: R1187878
Job No.: Fairmont Hospital - White Cotton Cottage

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with the California Air Resources Board (ARB) Method 435 for the determination of asbestos in serpentine aggregate samples.

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Sample preparation follows a standard CARB 435 prep method. The entire sample is dried at 135-150 C and then crushed to ~3/8" gravel size using a Bico Chipmunk crusher. If the submitted sample is >1 pint, the sample was split using a 1/2" riffle splitter following ASTM Method C-702-98 to obtain a 1 pint aliquot. The entire 1 pint aliquot, or entire original sample, is then pulverized in a Bico Braun disc pulverizer calibrated to produce a nominal 200 mesh final product. If necessary, additional homogenization steps are undertaken using a 3/8" riffle splitter. Small aliquots are collected from throughout the pulverized material to create three separate microscope slide mounts containing the appropriate refractive index oil. The prepared slides are placed under a polarizing light microscope where standard mineralogical techniques are used to analyze the various materials present, including asbestos. If asbestos is identified and of less than 10% concentration by visual area estimate then an additional five sample mounts are prepared. Quantification of asbestos concentration is obtained using the standard CAL ARB Method 435 point count protocol. For samples observed to contain visible asbestos of less than 10% concentration, a point counting technique is used with 50 points counted on each of eight sample mounts for a total of 400 points. The data is then compiled into standard report format and subjected to a thorough quality assurance check before the information is released to the client.

While the CARB 435 method has much to commend it, there are a number of situations where it fails to provide sufficient accuracy to make a definitive determination of the presence/absence of asbestos and/or an accurate count of the asbestos concentration present in a given sample. These problems include, but are not limited to, 1) statistical uncertainty with samples containing <1% asbestos when too few particles are counted, 2) definitive identification and discrimination between various fibrous amphibole minerals such as tremolite/actinolite/hornblende and the "Libby amphiboles" such as tremolite/winchite/richterite/arfvedsonite, and C) small asbestiform fibers which are near or below the resolution limit of the PLM microscope such as those found in various California coast range serpentine bodies. In these cases, further analysis by transmission electron microscopy is recommended to obtain a more accurate result.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

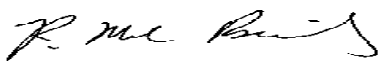
--- These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. ---

POLARIZED LIGHT MICROSCOPY CARB 435 ANALYTICAL REPORT

Page: 1 of

Contact: Steff Steiner Address: Terracon Consultants, Inc. 1466 66th Street Emeryville, CA 94608	Samples Submitted: 6 Samples Analyzed: 6 Job Site / No. Fairmont Hospital - White Cotton Cottage R1187878	Report No. 359984 Date Submitted: Aug-30-18 Date Reported: Sep-07-18
---	--	---

SAMPLE ID	POINTS COUNTED	% ASBESTOS TYPE	LOCATION / DESCRIPTION
1A		<0.25% None Detected	South 0-6"
Lab ID # 1434-03811-001	400 - Total Points		No Asbestos Detected
1B		<0.25% None Detected	South 6-12"
Lab ID # 1434-03811-002	400 - Total Points		No Asbestos Detected
1C		<0.25% None Detected	West 0-6"
Lab ID # 1434-03811-003	400 - Total Points		No Asbestos Detected
1D		<0.25% None Detected	West 6-12"
Lab ID # 1434-03811-004	400 - Total Points		No Asbestos Detected
1E		<0.25% None Detected	North 0-6"
Lab ID # 1434-03811-005	400 - Total Points		No Asbestos Detected
1F		<0.25% None Detected	North 6-12"
Lab ID # 1434-03811-006	400 - Total Points		No Asbestos Detected
Lab ID #	- Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		
Lab ID #	- Total Points		

QC Reviewer 

Analys 

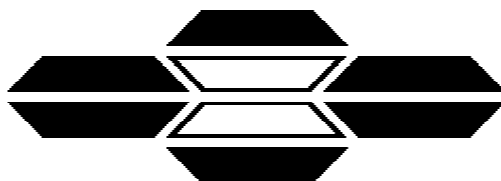
Terracon

E. Dyer
Eric.Dyer@terracon.com

PAGE 4 OF 1

Sample(s) Sent To: EmLab MAL ~~Other:~~ ASBESTOS TEST TAT: Rush 24Hrs 48Hrs 5 Days

Date/Time: 3/18/18 12:07 PM



ASBESTOS TEM LABORATORIES, INC.

EPA Interim Method Polarized Light Microscopy Analytical Report

Laboratory Job # 359816

600 Bancroft Way, Ste. A
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429
www.asbestostemplabs.com

With Branch Offices Located At:
1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431
Ph. (775) 359-3377



ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP
Lab No. 1866



NVLAP Lab Code: 101891-0
Berkeley, CA

Aug-24-18

Steff Steiner
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

RE: LABORATORY JOB # 359816

Polarized light microscopy analytical results for 8 bulk sample(s) with 8 sample split(s)
Job Site: Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd
Job No.: R1187858

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into a standard report format and reviewed by the authorized signatory before being released to the client.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, with the approval of the laboratory. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. ---

Note: Test samples will be stored for three months after data of receipt, after which they will be properly disposed unless client makes other arrangements with the laboratory.

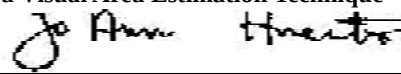
POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 1 of

Contact: Steff Steiner		Samples Indicated: 8	Report No. 359816
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 8	Date Submitted: Aug-22-18
1466 66th Street		Split Layers Analyzed: 8	Date Reported: Aug-24-18
Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858	
SAMPLE ID	ASBESTOS % TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
11 D Lab ID # 1434-03784-001A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Eastern Fireplace Room Area at Southeastern Corner
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 D Lab ID # 1434-03784-001B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Eastern Fireplace Room Area at Southeastern Corner
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
11 E Lab ID # 1434-03784-002A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Southern Central Room at Entry Way
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 E Lab ID # 1434-03784-002B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
11 F Lab ID # 1434-03784-003A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Southeastern Room at Northern Wall
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 F Lab ID # 1434-03784-003B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
11 G Lab ID # 1434-03784-004A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Eastern Room at Southwestern Corner
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 G Lab ID # 1434-03784-004B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
11 H Lab ID # 1434-03784-005A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Northwestern Room at Entry Way
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 H Lab ID # 1434-03784-005B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst 

ASBESTOS TEM LABORATORIES, INC.
www.asbestostemplabs.com

600 Bancroft Way, Ste. A, Berkeley CA 94710 (510) 704-8930
With Offices in Reno, NV (775) 359-3377

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 2 of

Contact: Steff Steiner	Samples Indicated: 8	Report No. 359816	
Address: Terracon Consultants, Inc. 1466 66th Street Emeryville, CA 94608	Reg. Samples Analyzed: 8	Date Submitted: Aug-22-18	
	Split Layers Analyzed: 8	Date Reported: Aug-24-18	
Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858			
SAMPLE ID	ASBESTOS % TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
11 I Lab ID # 1434-03784-006A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Northwestern Room at Southeastern Corner
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 I Lab ID # 1434-03784-006B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
11 J Lab ID # 1434-03784-007A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Southern Central Addition Room at Northern Corner
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 J Lab ID # 1434-03784-007B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
11 K Lab ID # 1434-03784-008A	None Detected	1) 1-5% Cellulose 2) 95-99% Gyp, Opq	Wall System - Drywall and Joint Compound - White Cotton Cottage, 1st Floor Interior - Southeastern Addition Room at Southeastern Corner
		3) Aug-22-18 4) Aug-24-18	Drywall-White
11 K Lab ID # 1434-03784-008B	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
		3) 4) Aug-24-18	JointCom/Text-Off-White/Beige
Lab ID #		1) 2)	
		3) 4)	
Lab ID #		1) 2)	
		3) 4)	
Lab ID #		1) 2)	
		3) 4)	
Lab ID #		1) 2)	
		3) 4)	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst 

ASBESTOS TEM LABORATORIES, INC.
www.asbestostemplabs.com

600 Bancroft Way, Ste. A, Berkeley CA 94710 (510) 704-8930
With Offices in Reno, NV (775) 359-3377

359816

Terracon1466 66th Street, Emeryville, California**ACM BULK SAMPLE DATA SHEET***** PLM Analysis**Page 1 of 1☐ Stop Analysis at First Positive☒ Analyze All Samples☐ Point Count Analysis (400-point)

☒	PM - W. Frieszell wmfrieszell@terracon.com		PM - K. Schroeter Karin@rgaenv.com		PM - K. Pilgrim Ken@rgaenv.com
	PM - T. Kattchee Tedd@rgaenv.com		PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California				
Terracon Project Number	RI187858	Sampled By	W. Frieszell/ S. Steiner	Sampling Date	August 22, 2018
Laboratory	AsbestosTEM	☒ Other	Turn Around Time	3 Days	☒ Other (Specify)

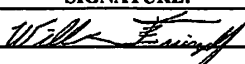
FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM) 9841

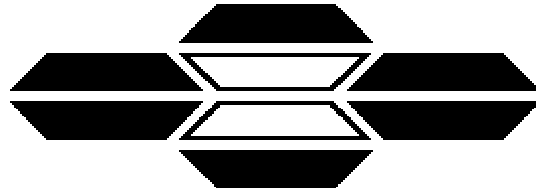
HM#	11	Material Description:	Wall System - Drywall and Joint Compound
Sample ID		Sample Location & Material Location	Quantity:
11 D		White Cotton Cottage, 1 st Floor Interior - Eastern Fireplace Room Area at Southeastern Corner	
11 E		White Cotton Cottage, 1 st Floor Interior - Southern Central Room at Entry Way	
11 F		White Cotton Cottage, 1 st Floor Interior - Southeastern Room at Northern Wall	
11 G		White Cotton Cottage, 1 st Floor Interior - Eastern Room at Southwestern Corner	
11 H		White Cotton Cottage, 1 st Floor Interior - Northwestern Room at Entry Way	
11 I		White Cotton Cottage, 2 nd Floor Interior - Northwestern Room at Southeastern Corner	
11 J		White Cotton Cottage, 2 nd Floor Interior - Southern Central Addition Room at Northern Entryway	
11 K		White Cotton Cottage, 2 nd Floor Interior - Southeastern Addition Room at Southeastern Corner	
Material Location:			

HM#		Material Description:	
Sample ID		Sample Location & Material Location	Quantity:
A			
B			
C			
Material Location:			

HM#		Material Description:	
Sample ID		Sample Locations	Quantity:
A			
B			
C			
Material Location:			

HM#		Material Description:	
Sample ID		Sample Location & Material Location	Quantity:
A			
B			
C			
Material Location:			

NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By: William Frieszell		Terracon Consultants	August 22, 2018
Received By: MB			AUG 22 '18 4:31PM
Relinquished By:			
Received By:			



ASBESTOS TEM LABORATORIES, INC.

EPA Interim Method Polarized Light Microscopy Analytical Report

Laboratory Job # 359702

600 Bancroft Way, Ste. A
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429
www.asbestostemplabs.com

With Branch Offices Located At:

1350 FREEPORT BLVD. UNIT 104, SPARKS, NV 89431
Ph. (775) 359-3377



ASBESTOS TEM LABORATORIES, INC

CA DPH ELAP
Lab No. 1866



NVLAP Lab Code: 101891-0
Berkeley, CA

Aug-20-18

W. Frieszell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

RE: LABORATORY JOB # 359702

Polarized light microscopy analytical results for 48 bulk sample(s) with 22 sample split(s)
Job Site: Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd
Job No.: R1187858

Enclosed please find the bulk material analytical results for one or more samples submitted for asbestos analysis. The analyses were performed in accordance with EPA Method 600/R-93/116 or 600/M4-82-020 for the determination of asbestos in bulk building materials by polarized light microscopy (PLM). Please note that while PLM analysis is commonly performed on non-friable and fine grained materials such as floor tiles and dust, the EPA method recognizes that PLM is subject to limitations. In these situations, accurate results may only be obtainable through the use of more sophisticated and accurate techniques such as transmission electron microscopy (TEM) or X-ray diffraction (XRD).

Prior to analysis, samples are logged-in and all data pertinent to the sample recorded. The samples are checked for damage or disruption of any chain-of-custody seals. A unique laboratory ID number is assigned to each sample. A hard copy log-in sheet containing all pertinent information concerning the sample is generated. This and all other relevant paper work are kept with the sample throughout the analytical procedures to assure proper analysis.

Each sample is opened in a class 100 HEPA negative air hood. A representative sampling of the material is selected and placed onto a glass microscope slide containing a drop of refractive index oil. The glass slide is placed under a polarizing light microscope where standard mineralogical techniques are used to analyze and quantify the various materials present, including asbestos. The data is then compiled into a standard report format and reviewed by the authorized signatory before being released to the client.

Sincerely Yours,

Lab Manager
ASBESTOS TEM LABORATORIES, INC.

--- These results relate only to the samples tested and must not be reproduced, except in full, with the approval of the laboratory. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. ---

Note: Test samples will be stored for three months after data of receipt, after which they will be properly disposed unless client makes other arrangements with the laboratory.

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 1 of

Contact: W. Frieszell		Samples Indicated: 48	Report No. 359702
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18
1466 66th Street		Split Layers Analyzed: 22	Date Reported: Aug-20-18
Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858	
SAMPLE ID	ASBESTOS % TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
1A	None Detected	1) 50-60% Cellulose 2) 40-50% Tar	White Cotton Cottage, Exterior - Western Side of Building at Approximate Center of Wall
Lab ID # 1434-03761-001		3) Aug-15-18 4) Aug-20-18	Tar Paper-Black
1B	None Detected	1) 50-60% Cellulose 2) 40-50% Tar	White Cotton Cottage, Exterior - Eastern Side of Building at Approximate Center of Wall
Lab ID # 1434-03761-002		3) Aug-15-18 4) Aug-20-18	Tar Paper-Black
2A	None Detected	1) None Detected 2) 99-100% Opq, Bndr	White Cotton Cottage, 2nd Floor Interior - Southeastern Restroom Area at Eastern Side
Lab ID # 1434-03761-003		3) Aug-15-18 4) Aug-20-18	Coating-Grey
3A	None Detected	1) 99-100% Fiberglass 2) None Detected	White Cotton Cottage, 2nd Floor Interior - Southeastern Corner Room Area at Eastern Crawlspace
Lab ID # 1434-03761-004		3) Aug-15-18 4) Aug-20-18	Insulation-Grey
3B	None Detected	1) 99-100% Fiberglass 2) None Detected	White Cotton Cottage, 2nd Floor Interior - Main Central Corridor Area near Stairwell
Lab ID # 1434-03761-005		3) Aug-15-18 4) Aug-20-18	Insulation-Grey
4A	None Detected	1) None Detected 2) 99-100% Bndr, Opq, Calc	White Cotton Cottage, 1st Floor Interior - Southeastern Corner Kitchen Restroom at Western Wall
Lab ID # 1434-03761-006A		3) Aug-15-18 4) Aug-20-18	Baseboard-Brown
4A	None Detected	1) None Detected 2) 99-100% Glue	White Cotton Cottage, 1st Floor Interior - Southeastern Corner Kitchen Restroom at Western Wall
Lab ID # 1434-03761-006B		3) Aug-15-18 4) Aug-20-18	Mastic-Yellow
5A	None Detected	1) None Detected 2) 99-100% Bndr, Opq, Calc	White Cotton Cottage, 1st Floor Interior - Southeastern Sunroom Area at Western Wall
Lab ID # 1434-03761-007A		3) Aug-15-18 4) Aug-20-18	Baseboard-Brown
5A	None Detected	1) None Detected 2) 99-100% Glue	
Lab ID # 1434-03761-007B		3) Aug-15-18 4) Aug-20-18	Mastic-Yellow
6A	None Detected	1) None Detected 2) 99-100% Qtz, Calc, Opq	White Cotton Cottage, Exterior - Southeastern Corner of the Building at Foundation Slab
Lab ID # 1434-03761-008		3) Aug-15-18 4) Aug-20-18	Concrete-Grey

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst 

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POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 2 of

Contact: W. Frieszell		Samples Indicated: 48	Report No. 359702	
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18	
1466 66th Street		Split Layers Analyzed: 22	Date Reported: Aug-20-18	
Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858		
SAMPLE ID		OTHER DATA		DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed		
ASBESTOS % TYPE	FIELD LAB			
6B	None Detected	1)None Detected 2)99-100% Qtz, Calc, Opq		White Cotton Cottage, Basement Level - Central Corridor Area of Southern Wall
Lab ID # 1434-03761-009		3) Aug-15-18 4) Aug-20-18		Concrete-Grey
6C	None Detected	1)None Detected 2)99-100% Qtz, Calc, Opq		White Cotton Cottage, Exterior - Eastern Wall of the Building at Foundation Slab
Lab ID # 1434-03761-010		3) Aug-15-18 4) Aug-20-18		Concrete-Grey
7A	None Detected	1)None Detected 2)99-100% Opq, Calc, Qtz		White Cotton Cottage, Exterior - Northwestern Entryway Area at Northern Side
Lab ID # 1434-03761-011A		3) Aug-15-18 4) Aug-20-18		Brick-Red
7A	None Detected	1)None Detected 2)99-100% Qtz, Opq		White Cotton Cottage, Exterior - Northwestern Entryway Area at Northern Side
Lab ID # 1434-03761-011B		3) 4) Aug-20-18		Grout-Grey
7B	None Detected	1)None Detected 2)99-100% Opq, Calc, Qtz		White Cotton Cottage, Exterior - Northwestern Entryway Area at Western Side
Lab ID # 1434-03761-012A		3) Aug-15-18 4)Aug-20-18		Brick-Red
7B	None Detected	1)None Detected 2)99-100% Qtz, Opq		
Lab ID # 1434-03761-012B		3) 4) Aug-20-18		Grout-Grey
7C	None Detected	1)None Detected 2)99-100% Opq, Calc, Qtz		White Cotton Cottage, Basement Level - Eastern Water Heater Room at Southern Side
Lab ID # 1434-03761-013A		3) Aug-15-18 4)Aug-20-18		Brick-Red
7C	None Detected	1)None Detected 2)99-100% Qtz, Opq		
Lab ID # 1434-03761-013B		3) 4)Aug-20-18		Grout-Grey
8A	None Detected	1)None Detected 2)99-100% Opq, Qtz, Tar		White Cotton Cottage, Exterior - Eastern Side of Building at Walking Path
Lab ID # 1434-03761-014		3) Aug-15-18 4)Aug-20-18		Asphalt-Grey/Black
8B	None Detected	1)None Detected 2)99-100% Opq, Qtz, Tar		White Cotton Cottage, Exterior - Southeastern Corner of Building at Walking Path
Lab ID # 1434-03761-015		3) Aug-15-18 4)Aug-20-18		Asphalt-Grey/Black

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

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POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: **3** of

Contact: W. Frieszell		Samples Indicated: 48	Report No. 359702	
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18	
1466 66th Street		Split Layers Analyzed: 22	Date Reported: Aug-20-18	
Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858		
SAMPLE ID		OTHER DATA		DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed		
ASBESTOS TYPE		FIELD LAB		
8C	None Detected	1)None Detected 2)99-100% Opq, Qtz, Tar		White Cotton Cottage, Exterior - Northeastern Corner of Building at Walking Path
Lab ID # 1434-03761-016		3) Aug-15-18	4) Aug-20-18	Asphalt-Grey/Black
9A	None Detected	1)None Detected 2)99-100% Opq, Calc		White Cotton Cottage, Exterior - Northwestern Entryway Ramp at Northern Side
Lab ID # 1434-03761-017		3) Aug-15-18	4) Aug-20-18	Flooring-Grey
9B	None Detected	1)None Detected 2)99-100% Opq, Calc		White Cotton Cottage, Exterior - Northwestern Entryway Ramp at Southern Side
Lab ID # 1434-03761-018		3) Aug-15-18	4) Aug-20-18	Flooring-Grey
10A	None Detected	1)None Detected 2)99-100% Calc, Qtz		White Cotton Cottage, 1st Floor Interior - Eastern Fireplace Room Area at Northern Side
Lab ID # 1434-03761-019		3) Aug-15-18	4) Aug-20-18	Brick-Tan
10B	None Detected	1)None Detected 2)99-100% Calc, Qtz		White Cotton Cottage, 1st Floor Interior - Eastern Fireplace Room Area at Central Fire Chamber
Lab ID # 1434-03761-020		3) Aug-15-18	4)Aug-20-18	Brick-Tan
11A	None Detected	1)1-5% Cellulose 2)95-99% Gyp, Opq		White Cotton Cottage, 1st Floor Interior - Eastern Fireplace Room Area at Northwestern Corner
Lab ID # 1434-03761-021A		3) Aug-15-18	4) Aug-20-18	Drywall-White
11A	None Detected	1)1-5% Cellulose 2)95-99% Opq, Calc		White Cotton Cottage, 1st Floor Interior - Eastern Fireplace Room Area at Northwestern Corner
Lab ID # 1434-03761-021B		3)	4)Aug-20-18	JointCom/Text-Off-White
11B	None Detected	1)1-5% Cellulose 2)95-99% Gyp, Opq		White Cotton Cottage, 1st Floor Interior - Northern Main Corridor Area at Northeastern Corner
Lab ID # 1434-03761-022A		3) Aug-15-18	4)Aug-20-18	Drywall-White
11B	None Detected	1)1-5% Cellulose 2)95-99% Opq, Calc		
Lab ID # 1434-03761-022B		3)	4)Aug-20-18	JointCom/Text-Off-White
11C	None Detected	1)1-5% Cellulose 2)95-99% Gyp, Opq		White Cotton Cottage, Basement Level - Central Corridor Area at Southeastern Corner
Lab ID # 1434-03761-023A		3) Aug-15-18	4)Aug-20-18	Drywall-White

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

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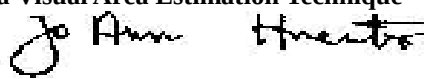
POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 4 of

Contact: W. Frieszell		Samples Indicated: 48	Report No. 359702
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18
1466 66th Street		Split Layers Analyzed: 22	Date Reported: Aug-20-18
Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858	
SAMPLE ID	ASBESTOS % TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
11C	None Detected	1) 1-5% Cellulose 2) 95-99% Opq, Calc	
Lab ID # 1434-03761-023B		3) 4) Aug-20-18	JointCom/Text-Off-White
12A	None Detected	1) 1-5% Cellulose 2) 95-99% Calc, Opq, Paint	White Cotton Cottage, 1st Floor Interior - Southern Perimeter Bedroom Area at Eastern Wall
Lab ID # 1434-03761-024		3) Aug-15-18 4) Aug-20-18	Texture-White/Beige
12B	None Detected	1) 1-5% Cellulose 2) 95-99% Calc, Opq, Paint	White Cotton Cottage, 1st Floor Interior - Southeastern Sunroom Area at Western Wall
Lab ID # 1434-03761-025		3) Aug-15-18 4) Aug-20-18	Texture-White/Beige
12C	None Detected	1) 1-5% Cellulose 2) 95-99% Calc, Opq, Paint	White Cotton Cottage, 1st Floor Interior - Northern Main Corridor Area at Northern Wall
Lab ID # 1434-03761-026		3) Aug-15-18 4) Aug-20-18	Texture-White/Beige
12D	None Detected	1) 1-5% Cellulose 2) 95-99% Calc, Opq, Paint	White Cotton Cottage, 2nd Floor Interior - Southwestern Addition Office at Northern Side
Lab ID # 1434-03761-027		3) Aug-15-18 4)Aug-20-18	Texture-White/Beige
12E	None Detected	1) 1-5% Cellulose 2) 95-99% Calc, Opq, Paint	White Cotton Cottage, 2nd Floor Interior - Southeastern Addition Office at Northern Side
Lab ID # 1434-03761-028		3) Aug-15-18 4) Aug-20-18	Texture-White/Beige
13A	None Detected	1)None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Northeastern Bathroom Area at Entryway
Lab ID # 1434-03761-029A		3) Aug-15-18 4)Aug-20-18	CerTile-Off-White
13A	None Detected	1)None Detected 2) 99-100% Calc, Opq, Qtz	White Cotton Cottage, 2nd Floor Interior - Northeastern Bathroom Area at Entryway
Lab ID # 1434-03761-029B		3) 4)Aug-20-18	Grout-Grey
13B	None Detected	1)None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Northeastern Bathroom Area at Southwestern Corner
Lab ID # 1434-03761-030A		3) Aug-15-18 4)Aug-20-18	CerTile-Off-White
13B	None Detected	1)None Detected 2) 99-100% Calc, Opq, Qtz	
Lab ID # 1434-03761-030B		3) 4)Aug-20-18	Grout-Grey

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

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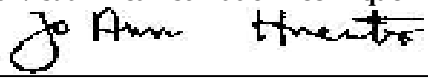
POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

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Contact: W. Frieszell		Samples Indicated: 48	Report No. 359702	
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18	
1466 66th Street		Split Layers Analyzed: 22	Date Reported: Aug-20-18	
Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858		
SAMPLE ID		OTHER DATA		DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed		
ASBESTOS TYPE		FIELD LAB		
14A	None Detected	1)None Detected 2)99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Northeastern Bathroom Area at Entryway	
Lab ID # 1434-03761-031A		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White	
14A	None Detected	1)None Detected 2)99-100% Calc, Opq, Qtz		
Lab ID # 1434-03761-031B		3) 4) Aug-20-18	Grout-Grey	
14B	None Detected	1)None Detected 2)99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Northeastern Bathroom Area at Approximate Center	
Lab ID # 1434-03761-032A		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White	
14B	None Detected	1)None Detected 2)99-100% Calc, Opq, Qtz		
Lab ID # 1434-03761-032B		3) 4) Aug-20-18	Grout-Grey	
15A	None Detected	1)None Detected 2)99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Eastern Central Bathroom Area at Entryway	
Lab ID # 1434-03761-033A		3) Aug-15-18 4)Aug-20-18	CerTile-Off-White	
15A	None Detected	1)None Detected 2)99-100% Calc, Opq, Qtz		
Lab ID # 1434-03761-033B		3) 4) Aug-20-18	Grout-Grey	
15B	None Detected	1)None Detected 2)99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Eastern Central Bathroom Area at Approximate Center	
Lab ID # 1434-03761-034A		3) Aug-15-18 4)Aug-20-18	CerTile-Off-White	
15B	None Detected	1)None Detected 2)99-100% Calc, Opq, Qtz		
Lab ID # 1434-03761-034B		3) 4)Aug-20-18	Grout-Grey	
16A	None Detected	1)None Detected 2)99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower	
Lab ID # 1434-03761-035A		3) Aug-15-18 4)Aug-20-18	CerTile-Off-White	
16A	None Detected	1)None Detected 2)99-100% Calc, Opq, Qtz		
Lab ID # 1434-03761-035B		3) 4)Aug-20-18	Grout-Grey	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

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POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

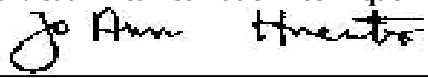
EPA Method 600/R-93/116 or 600/M4-82-020

Page: 6 of

Contact: W. Frieszell	Samples Indicated: 48	Report No. 359702
Address: Terracon Consultants, Inc. 1466 66th Street Emeryville, CA 94608	Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18
	Split Layers Analyzed: 22	Date Reported: Aug-20-18
	Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858	

SAMPLE ID	ASBESTOS % TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
16B Lab ID # 1434-03761-036A	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower
		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
16B Lab ID # 1434-03761-036B	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
		3) 4) Aug-20-18	Grout-Grey
17A Lab ID # 1434-03761-037A	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower
		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
17A Lab ID # 1434-03761-037B	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
		3) 4) Aug-20-18	Grout-Grey
17B Lab ID # 1434-03761-038A	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 2nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower
		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
17B Lab ID # 1434-03761-038B	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
		3) 4) Aug-20-18	Grout-Grey
18A Lab ID # 1434-03761-039A	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 1st Floor Interior - Northeastern Bathroom Area at Entry Way
		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
18A Lab ID # 1434-03761-039B	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
		3) 4) Aug-20-18	Grout-Grey
18B Lab ID # 1434-03761-040A	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 1st Floor Interior - Northeastern Bathroom Area at Entry Way
		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
18B Lab ID # 1434-03761-040B	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
		3) 4) Aug-20-18	Grout-Grey

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

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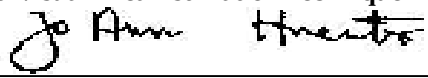
POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Page: 7 of

Contact: W. Frieszell		Samples Indicated: 48	Report No. 359702
Address: Terracon Consultants, Inc.		Reg. Samples Analyzed: 48	Date Submitted: Aug-16-18
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Emeryville, CA 94608		Job Site / No. Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd R1187858	
SAMPLE ID	ASBESTOS % TYPE	OTHER DATA	DESCRIPTION
		1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	FIELD LAB
19A	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 1st Floor Interior - Northeastern Bathroom Area at Southern Shower Wall
Lab ID # 1434-03761-041A		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
19A	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
Lab ID # 1434-03761-041B		3) Aug-15-18 4) Aug-20-18	Grout-Grey
19B	None Detected	1) None Detected 2) 99-100% Qtz, Calc	White Cotton Cottage, 1st Floor Interior - Northeastern Bathroom Area at Southern Shower Wall
Lab ID # 1434-03761-042A		3) Aug-15-18 4) Aug-20-18	CerTile-Off-White
19B	None Detected	1) None Detected 2) 99-100% Calc, Opq, Qtz	
Lab ID # 1434-03761-042B		3) Aug-15-18 4) Aug-20-18	Grout-Grey
20A	None Detected	1) 70-80% Fiberglass 2) 20-30% Opq	White Cotton Cottage, Basement Level - Eastern Water Heater Room at Southern Side
Lab ID # 1434-03761-043		3) Aug-15-18 4) Aug-20-18	Wire-Black/Grey/White
20B	None Detected	1) 70-80% Fiberglass 2) 20-30% Opq	White Cotton Cottage, Basement Level - Eastern Water Heater Room at Northern Side
Lab ID # 1434-03761-044		3) Aug-15-18 4) Aug-20-18	Wire-Black/Grey/White
21A	None Detected	1) None Detected 2) 99-100% Opq, Bndr, Calc	White Cotton Cottage, Exterior - Northern Side of Building at Approximate Center of Wall
Lab ID # 1434-03761-045		3) Aug-15-18 4) Aug-20-18	Caulk-Beige
21B	None Detected	1) None Detected 2) 99-100% Glue	White Cotton Cottage, Exterior - Eastern Side of Building at Approximate Center of Wall
Lab ID # 1434-03761-046		3) Aug-15-18 4) Aug-20-18	Mastic-Yellow
22A	None Detected	1) None Detected 2) 99-100% Paint	White Cotton Cottage, Exterior - Northern Side of Building at Approximate Center of Wall
Lab ID # 1434-03761-047		3) Aug-15-18 4) Aug-20-18	Paint-White/Beige
22B	None Detected	1) None Detected 2) 99-100% Paint	White Cotton Cottage, Exterior - Eastern Side of Building at Approximate Center of Wall
Lab ID # 1434-03761-048		3) Aug-15-18 4) Aug-20-18	Paint-White/Beige

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Analyst 

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With Offices in Reno, NV (775) 359-3377

359702

Terracon1466 66th Street, Emeryville, California**ACM BULK SAMPLE DATA SHEET**

* PLM Analysis

Page 1 of 5

___ Stop Analysis at First Positive

X Analyze All Samples

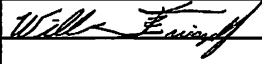
___ Point Count Analysis (400-point)

☒	PM - W. Frieszell wmfrieszell@terracon.com	☐	PM - K. Schroeter Karin@rgaenv.com	☐	PM - K. Pilgrim Ken@rgaenv.com
☐	PM - T. Kattchee Tedd@rgaenv.com	☒	PM - S. Steiner steff@rgaenv.com	☐	PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California						
Terracon Project Number	R1187858	Sampled By	W. Frieszell/ S. Steiner		Sampling Date	August 15, 2018	
Laboratory	AsbestosTEM	☒ Other		Turn Around Time	3 Day	☒ Other (Specify)	

FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM)

HM# 1	Material Description: Vapor Barrier - Black Paper System		
Sample ID	Sample Location & Material Location	Quantity:	
1 A	White Cotton Cottage, Exterior - Western Side of Building at Approximate Center of Wall		
1 B	White Cotton Cottage, Exterior - Eastern Side of Building at Approximate Center of Wall		
C			
Material Location:			
HM# 2	Material Description: Sheet Flooring System - Blue with Burlap Backing		
Sample ID	Sample Location & Material Location	Quantity:	
2 A	White Cotton Cottage, 2 nd Floor Interior - Southeastern Restroom Area at Eastern Side		
B			
C			
Material Location:			
HM# 3	Material Description: Blown in Insulation Material - White Wool		
Sample ID	Sample Locations	Quantity:	
3 A	White Cotton Cottage, 2 nd Floor Interior - Southeastern Corner Room Area at Eastern Crawlspace		
3 B	White Cotton Cottage, 2 nd Floor Interior - Main Central Corridor Area near Stairwell		
C			
Material Location:			
HM# 4	Material Description: Cove Base Adhesive - Tan/Brown on 4" Black Cove		
Sample ID	Sample Location & Material Location	Quantity:	
4 A	White Cotton Cottage, 1 st Floor Interior - Southeastern Corner Kitchen Restroom at Western Wall		
B			
C			
Material Location:			
HM# 5	Material Description: Cove Base Adhesive - Brown/Gold on 4" Brown Cove		
Sample ID	Sample Location & Material Location	Quantity:	
5 A	White Cotton Cottage, 1 st Floor Interior - Southeastern Sunroom Area at Western Wall		
B			
C			
Material Location:			

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell		Terracon Consultants	August 15, 2018
Received By:				AUG 16 '13 9:06AM
Relinquished By:				
Received By:				

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1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

* PLM Analysis

Page 2 of 5

— Stop Analysis at First Positive

☒ Analyze All Samples

— Point Count Analysis (400-point)

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	PM - T. Kattchee Tedd@rgaenv.com	☒	PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California						
Terracon Project Number	R1187858	Sampled By	W. Frieszell/ S. Steiner		Sampling Date	August 15, 2018	
Laboratory	AsbestosTEM	☒ Other		Turn Around Time	3 Day	☒ Other (Specify)	

FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM)

HM# 6	Material Description: Building Concrete Materials	
Sample ID	Sample Location & Material Location	Quantity:
6 A	White Cotton Cottage, Exterior - Southeastern Corner of the Building at Foundation Slab	
6 B	White Cotton Cottage, Basement Level - Central Corridor Area at Southern Wall	
6 C	White Cotton Cottage, Exterior - Eastern Wall of the Building at Foundation Slab	
Material Location:		
HM# 7	Material Description: Brick Walkway System - Red with Grey Mortar	
Sample ID	Sample Location & Material Location	Quantity:
7 A	White Cotton Cottage, Exterior - Northwestern Entryway Area at Northern Side	
7 B	White Cotton Cottage, Exterior - Northwestern Entryway Area at Western Side	
7 C	White Cotton Cottage, Basement Level - Eastern Water Heater Room at Southern Side	
Material Location:		
HM# 8	Material Description: Asphalt Paving Material - Black	
Sample ID	Sample Locations	Quantity:
8 A	White Cotton Cottage, Exterior - Eastern Side of Building at Walking Path	
8 B	White Cotton Cottage, Exterior - Southeastern Corner of Building at Walking Path	
8 C	White Cotton Cottage, Exterior - Northeastern Corner of Building at Walking Path	
Material Location:		
HM# 9	Material Description: Ramp Anti-Slip Coating - Grey	
Sample ID	Sample Location & Material Location	Quantity:
9 A	White Cotton Cottage, Exterior - Northwestern Entryway Ramp at Northern Side	
9 B	White Cotton Cottage, Exterior - Northwestern Entryway Ramp at Southern Side	
C		
Material Location:		
HM# 10	Material Description: Fireplace Brick System - Orange with Grey Mortar	
Sample ID	Sample Location & Material Location	Quantity:
10 A	White Cotton Cottage, 1 st Floor Interior - Eastern Fireplace Room Area at Northern Side	
10 B	White Cotton Cottage, 1 st Floor Interior - Eastern Fireplace Room Area at Central Fire Chamber	
C		
Material Location:		

NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By: William Frieszell		Terracon Consultants	August 15, 2018
Received By:			AUG 16 '18 9:06AM
Relinquished By:			
Received By:			

ACM BULK SAMPLE DATA SHEET

* PLM Analysis
 ___ Stop Analysis at First Positive
X Analyze All Samples
 ___ Point Count Analysis (400-point)

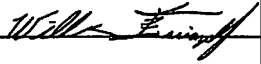
Page 3 of 5

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	PM - T. Kattchee Tedd@rgaenv.com	✓	PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California						
Terracon Project Number	R1187858	Sampled By	W. Frieszell/ S. Steiner		Sampling Date	August 15, 2018	
Laboratory	Asbestos TEM	X	Other		Turn Around Time	3 Day	X Other (Specify)

FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM)

HM# 11	Material Description: Wall System - Drywall and Joint Compound		
Sample ID	Sample Location & Material Location	Quantity:	
11 A	White Cotton Cottage, 1 st Floor Interior - Eastern Fireplace Room Area at Northwestern Corner		
11 B	White Cotton Cottage, 1 st Floor Interior - Northern Main Corridor Area at Northeastern Corner		
11 C	White Cotton Cottage, Basement Level - Central Corridor Area at Southeastern Corner		
Material Location:			
HM# 12	Material Description: Drywall Texturing Material		
Sample ID	Sample Location & Material Location	Quantity:	
12 A	White Cotton Cottage, 1 st Floor Interior - Southern Perimeter Bedroom Area at Eastern Wall		
12 B	White Cotton Cottage, 1 st Floor Interior - Southeastern Sunroom Area at Western Wall		
12 C	White Cotton Cottage, 1 st Floor Interior - Northern Main Corridor Area at Northern Wall		
12 D	White Cotton Cottage, 2 nd Floor Interior - Southwestern Addition Office at Northern Side		
12 E	White Cotton Cottage, 2 nd Floor Interior - Southeastern Addition Office at Northern Side		
Material Location:			
HM# 13	Material Description: Ceramic Wall Tile System - 4" Purple Tile with Grout and Mortar		
Sample ID	Sample Locations	Quantity:	
13 A	White Cotton Cottage, 2 nd Floor Interior - Northeastern Bathroom Area at Entryway		
13 B	White Cotton Cottage, 2 nd Floor Interior - Northeastern Bathroom Area at Southwestern Corner		
Material Location:			
HM# 14	Material Description: Ceramic Floor Tile System - 1" Hexagonal Black/White Tiles with Grout and Mortar		
Sample ID	Sample Location & Material Location	Quantity:	
14 A	White Cotton Cottage, 2 nd Floor Interior - Northeastern Bathroom Area at Entryway		
14 B	White Cotton Cottage, 2 nd Floor Interior - Northeastern Bathroom Area at Approximate Center		
Material Location:			
HM# 15	Material Description: Ceramic Floor Tile System - 4" Tan Tile with Grout and Mortar		
Sample ID	Sample Location & Material Location	Quantity:	
15 A	White Cotton Cottage, 2 nd Floor Interior - Eastern Central Bathroom Area at Entryway		
15 B	White Cotton Cottage, 2 nd Floor Interior - Eastern Central Bathroom Area at Approximate Center		
C			
Material Location:			

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell		Terracon Consultants	August 15, 2018
Received By:				AUG 15 '18 9:05AM
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1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

* PLM Analysis

Page 4 of 5

☐ Stop Analysis at First Positive

☒ Analyze All Samples

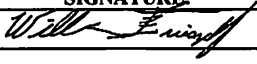
☐ Point Count Analysis (400-point)

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	PM - T. Kattchee Tedd@rgaenv.com	☒	PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California				
Terracon Project Number	RI187858	Sampled By	W. Frieszell/ S. Steiner	Sampling Date	August 15, 2018
Laboratory	Asbestos TEM	☒ Other	Turn Around Time	3 Day	☒ Other (Specify)

FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM)

HM# 16	Material Description: Ceramic Shower Tile System - 4" Tan with Grout and Mortar	
Sample ID	Sample Location & Material Location	Quantity:
16 A	White Cotton Cottage, 2 nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower	
16 B	White Cotton Cottage, 2 nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower	
C		
Material Location:		
HM# 17	Material Description: Ceramic Shower Floor Tile System - Tan Mosaic Tile with Grout and Mortar	
Sample ID	Sample Location & Material Location	Quantity:
17 A	White Cotton Cottage, 2 nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower	
17 B	White Cotton Cottage, 2 nd Floor Interior - Eastern Central Bathroom Area at Northeastern Shower	
C		
Material Location:		
HM# 18	Material Description: Ceramic Floor Tile System - 4" Pink Tile with Grout and Mortar	
Sample ID	Sample Locations	Quantity:
18 A	White Cotton Cottage, 1 st Floor Interior - Northeastern Bathroom Area at Entry Way	
18 B	White Cotton Cottage, 1 st Floor Interior - Northeastern Bathroom Area at Entry Way	
C		
Material Location:		
HM# 19	Material Description: Ceramic Shower Tile System - 4" Bright Blue with Grout and Mortar	
Sample ID	Sample Location & Material Location	Quantity:
19 A	White Cotton Cottage, 1 st Floor Interior - Northeastern Bathroom Area at Southern Shower Wall	
19 B	White Cotton Cottage, 1 st Floor Interior - Northeastern Bathroom Area at Southern Shower Wall	
C		
Material Location:		
HM# 20	Material Description: Wire Insulation System - Black Cloth Wrap	
Sample ID	Sample Location & Material Location	Quantity:
20 A	White Cotton Cottage, Basement Level - Eastern Water Heater Room at Southern Side	
20 B	White Cotton Cottage, Basement Level - Eastern Water Heater Room at Northern Side	
C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell		Terracon Consultants	August 15, 2018
Received By:				AUG 16 '18 9:37AM
Relinquished By:				
Received By:				

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1466 66th Street, Emeryville, California

ACM BULK SAMPLE DATA SHEET

* PLM Analysis

Page 5 of 5

— Stop Analysis at First Positive

X Analyze All Samples

— Point Count Analysis (400-point)

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	PM - T. Kattchee Tedd@rgaenv.com	✓	PM - S. Steiner steff@rgaenv.com		PM - W. Frieszell wmfrieszell@terracon.com

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California						
Terracon Project Number	R1187858	Sampled By	W. Frieszell/ S. Steiner		Sampling Date	August 15, 2018	
Laboratory	AsbestosTEM	X	Other		Turn Around Time	3 Day	X
						Other (Specify)	

FAX OR E-MAIL REPORT TO: SEE ABOVE PROJECT MANAGER (PM)

HM# 21	Material Description: <i>Wooden Exterior Siding Shingle Mastic - Tan</i>	
Sample ID	Sample Location & Material Location	Quantity:
21 A	White Cotton Cottage, Exterior - Northern Side of Building at Approximate Center of Wall	
21 B	White Cotton Cottage, Exterior - Eastern Side of Building at Approximate Center of Wall	
C		
Material Location:		
HM# 22	Material Description: <i>Exterior Paint - White</i>	
Sample ID	Sample Location & Material Location	Quantity:
22 A	White Cotton Cottage, Exterior - Northern Side of Building at Approximate Center of Wall	
22 B	White Cotton Cottage, Exterior - Eastern Side of Building at Approximate Center of Wall	
C		
Material Location:		
HM#	Material Description:	
Sample ID	Sample Locations	Quantity:
A		
B		
C		
Material Location:		
HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:
A		
B		
C		
Material Location:		
HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:
A		
B		
C		
Material Location:		

	NAME:	SIGNATURE:	COMPANY:	DATE:
Relinquished By:	William Frieszell	<i>William Frieszell</i>	Terracon Consultants	August 15, 2018
Received By:				AUG 16 '18 9:07AM
Relinquished By:				
Received By:				



ENTHALPY

ANALYTICAL



Enthalpy Analytical

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 302467 ANALYTICAL REPORT

Asbestos TEM Laboratories, Inc.
600 Bancroft Way
Berkeley, CA 94710

Project : STANDARD
Location : R1187858
Level : II

Sample ID
WC-01

Lab ID
302467-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____

Patrick McCarthy
Project Manager
patrick.mccarthy@enthalpy.com
(510) 204-2236 ext 13115

Date: 08/24/2018

CASE NARRATIVE

Laboratory number: **302467**
Client: **Asbestos TEM Laboratories, Inc.**
Location: **R1187858**
Request Date: **08/17/18**
Samples Received: **08/17/18**

This data package contains sample and QC results for one wood/paint sample, requested for the above referenced project on 08/17/18. The sample was received cold and intact.

Metals (EPA 6010B):

No analytical problems were encountered.



CALIFORNIA: 600 Bancroft Way, Suite A, Berkeley, CA 94710 Phone (510) 704-8930 Fax (510) 704-8429
NEVADA: 1350 Freepoint Blvd. #104, Sparks, NV 89431 Phone (775) 359-3377 Fax (775) 359-2798
You may also email this chain of custody to cac@asbestostemplabs.com
*** denotes required field**

You may also email this chain of custody to coc@asbestostemplabs.com

[illegible]

**** Any special instructions, RUSH results or Custom Analysis, you must clarify these specifications AND, of more importance, contact us here at ATEM ahead of time to manage scheduling to meet your requests. Drop off and processing of samples after hours cannot be accommodated without proper notification from you, and confirmation by ATEM staff.**

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 302467
 Date Received: 8-17-18

Client: Asbestos TEM
 Project: _____



Section 2: Samples received in a cooler? ☐ Yes, how many? _____ ☒ No (skip Section 3 below)

If no cooler Sample Temp (°C): 23.1 using IR Gun # ☒ A, or ☐ B

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 8-17-18 By (print) TM (sign) TM

Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☒ N/A

Section 3: **Important : Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☒ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used: ☐ Wet, ☐ Blue/Gel, ☐ None

Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ A ☐ B

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	☒		
Were Method 5035 sampling containers present?		☒	
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	☒		
Are there any missing / extra samples?		☒	
Are samples in the appropriate containers for indicated tests?	☒		
Are sample labels present, in good condition and complete?	☒		
Does the container count match the COC?	☒		
Do the sample labels agree with custody papers?	☒		
Was sufficient amount of sample sent for tests requested?	☒		
Did you change the hold time in LIMS for unpreserved VOAs?			☒
Did you change the hold time in LIMS for preserved terracores?			☒
Are bubbles > 6mm absent in VOA samples?			☒
Was the client contacted concerning this sample delivery?		☒	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____
☐ HCL lot# _____ added to samples _____ on/at _____
☐ HNO3 lot# _____ added to samples _____ on/at _____
☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged 8-18-18 By (print) TM (sign) TM
 Date Labeled 8-18-18 By (print) TM (sign) TM

Detections Summary for 302467

Results for any subcontracted analyses are not included in this summary.

Client : Asbestos TEM Laboratories, Inc.
Project : STANDARD
Location : R1187858

Client Sample ID : WC-01 Laboratory Sample ID : 302467-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Lead	100,000		110	mg/Kg	As Recd	200.0	EPA 6010B	EPA 3050B

Lead			
Lab #:	302467	Location:	R1187858
Client:	Asbestos TEM Laboratories, Inc.	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Sampled:	08/15/18
Field ID:	WC-01	Received:	08/17/18
Units:	mg/Kg	Prepared:	08/21/17
Basis:	as received	Analyzed:	08/22/18
Batch#:	262678		

Type	Lab ID	Matrix	Result	RL	Diln Fac
SAMPLE	302467-001	Miscell.	100,000	110	200.0
BLANK	QC944571	Soil	ND	0.23	1.000

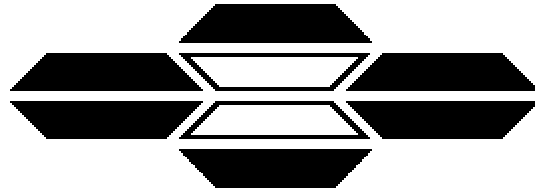
ND= Not Detected
RL= Reporting Limit

Batch QC Report

Lead			
Lab #:	302467	Location:	R1187858
Client:	Asbestos TEM Laboratories, Inc.	Prep:	EPA 3050B
Project#:	STANDARD	Analysis:	EPA 6010B
Analyte:	Lead	Diln Fac:	1.000
Field ID:	ZZZZZZZZZZ	Batch#:	262678
MSS Lab ID:	302436-001	Sampled:	08/16/18
Matrix:	Soil	Received:	08/16/18
Units:	mg/Kg	Prepared:	08/21/17
Basis:	as received	Analyzed:	08/22/18

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC944572		52.08	52.42	101	80-120		
BSD	QC944573		45.45	46.37	102	80-120	1	20
MS	QC944574	27.26	55.56	83.97	102	75-125		
MSD	QC944575		52.63	74.41	90	75-125	8	20

RPD= Relative Percent Difference



ASBESTOS TEM LABORATORIES, INC.

ATEM SOP-AA-01
(EPA 3050B/EPA 7420)

Lead Paint Analysis Report

Laboratory Job # 359703

600 Bancroft Way, Ste. A
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429



ASBESTOS TEM LABORATORIES, INC



California DPH
ELAP ID #1866

Aug/20/2018

W. Friezell
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

RE: LABORATORY JOB # 359703

Atomic Absorption Spectroscopy analytical results for 13 paint sample(s).
Job Site: Fairmont Hospital, White Cotton Cottage, 15400 Foothill Blvd
Job No.: R1187858

Enclosed please find results for the atomic absorption spectroscopy (AA) metals analysis of one or more paint samples. Sample preparation and analysis procedures were performed according to ATEM SOP-AA-01 (EPA 3050B / EPA 7420).

Prior to analysis, samples are checked for damage and disruption of the chain-of-custody seal. Samples are then logged-in, each given a unique laboratory number, and a hard copy containing all pertinent information is generated. This, and all other relevant paper work are kept with each sample throughout the analytical procedures to assure proper analysis.

A portion of each sample is weighed out such that an aliquot of ~0.2 grams is obtained. The weighed sample material is then placed into a digestion vessel, transferred to a fume hood, heated at ~95 Deg. C., refluxed with nitric acid to solubilize the contained metals, and treated with hydrogen peroxide to oxidize any organic binder present in the sample material. High purity water is added to make a 50 ml volume for each sample.

AA analysis is performed on a microprocessor controlled Perkin Elmer AAnalyst 300 atomic absorption spectrophotometer, operating in the flame mode. Samples are diluted as needed to allow reading of concentrations in the calibration range. QC analyses are prepared and performed along with each sample batch to ensure accurate analytical determinations. Data is compiled into a standard report format and subjected to a thorough quality assurance check before the information is released to the client. Note: Sample results are not corrected for contamination based on the field blank(s) or other analytical blank(s).

Sincerely Yours,

ASBESTOS TEM LABORATORIES, INC.

--- Results for routine quality control samples run in parallel to the samples reported here were within acceptable limits. These results relate only to the sample(s) tested and must not be reproduced, except in full, with the approval of the laboratory. ---

**ATOMIC ABSORPTION SPECTROSCOPY
LEAD PAINT ANALYSIS REPORT
ATEM SOP-AA-01 (EPA 3050B / EPA 7000B)**

Page: 3 of 4

Contact: W. Friezell		Samples Submitted: 13		Report No.: 359703	
Address: Terracon Consultants, Inc.		Samples Analyzed: 13		Date Submitted: Aug-16-18	
1466 66th Street		Job Site / No.		Date Reported: Aug-20-18	
Emeryville, CA 94608		Fairmont Hospital, White Cotton			
		R1187858			
SAMPLE ID	METAL	SAMPLE RESULT	REPORTING LIMIT	LOCATION / DESCRIPTION	
Pb-01 Lab ID # 1434-03762-001	Pb	3400 mg/kg 0.340 %	37 mg/kg 0.004 %	Flooring System; Southeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 0.2717	
Pb-02 Lab ID # 1434-03762-002	Pb	13 mg/kg 0.001 %	9.5 mg/kg 0.001 %	Floor Tile; Northeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.0576	
Pb-03 Lab ID # 1434-03762-003	Pb	13 mg/kg 0.001 %	9.4 mg/kg 0.001 %	Wall Trim Tile; Northeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.0646	
Pb-04 Lab ID # 1434-03762-004	Pb	5600 mg/kg 0.560 %	5.8 mg/kg 0.001 %	Cove Base Tile; Northeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.732	
Pb-05 Lab ID # 1434-03762-005	Pb	59 mg/kg 0.006 %	7.7 mg/kg 0.001 %	Wall Tile; Northeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.3016	
Pb-06 Lab ID # 1434-03762-006	Pb	38 mg/kg 0.004 %	6.6 mg/kg 0.001 %	Floor Tile; Eastern Central Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.5189	
Pb-07 Lab ID # 1434-03762-007	Pb	< 8.5 mg/kg < 0.001 %	8.5 mg/kg 0.001 %	Shower Floor Tile; Eastern Central Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.1779	
Pb-08 Lab ID # 1434-03762-008	Pb	450 mg/kg 0.045 %	9.2 mg/kg 0.001 %	Cove Base Tile; Eastern Central Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.0888	
Pb-09 Lab ID # 1434-03762-009	Pb	19000 mg/kg 1.900 %	8.5 mg/kg 0.001 %	Shower Tile; Eastern Central Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.1779	
Pb-10 Lab ID # 1434-03762-010	Pb	12000 mg/kg 1.200 %	6.7 mg/kg 0.001 %	Floor Tile; Northeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.4962	

Analytical results posted above relate only to the material(s) tested.
The sample has not been blank corrected.

µg - micrograms 1% = 10,000 ppm 1ppm = 1 mg/Kg

Lab QC Reviewer 
Jo Ann Huerto

Analyst 
Jie Zhang

ATOMIC ABSORPTION SPECTROSCOPY LEAD PAINT ANALYSIS REPORT ATEM SOP-AA-01 (EPA 3050B / EPA 7000B)

Page: 4 of 4

Contact: W. Friezell	Samples Submitted: 13	Report No.: 359703
Address: Terracon Consultants, Inc.	Samples Analyzed: 13	Date Submitted: Aug-16-18
1466 66th Street	Job Site / No.	Date Reported: Aug-20-18
Emeryville, CA 94608	Fairmont Hospital, White Cotton	
	R1187858	

SAMPLE ID	METAL	SAMPLE RESULT	REPORTING LIMIT	LOCATION / DESCRIPTION
Pb-11 Lab ID # 1434-03762-011	Pb	1200 mg/kg 0.120 %	9.6 mg/kg 0.001 %	Shower Wall Tile; Northeastern Bathroom <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 1.0395
Pb-12 Lab ID # 1434-03762-012	Pb	70000 mg/kg 7.000 %	41 mg/kg 0.004 %	Window Glazing Compound; Southeastern Kitchen <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 0.2423
Pb-13 Lab ID # 1434-03762-013	Pb	890 mg/kg 0.089 %	48 mg/kg 0.005 %	Ceiling System; Main Central Corridor <u>Sampling Date</u> Aug-15-18 <u>Analysis Date</u> Aug-20-18 <u>Analyzed Weight (g)</u> 0.2099
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
Lab ID #				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>

Analytical results posted above relate only to the material(s) tested.
The sample has not been blank corrected.

µg - micrograms 1% = 10,000 ppm 1ppm = 1 mg/Kg

Lab QC Reviewer Jo Ann Huerto
Jo Ann Huerto

Analyst Jie Zhang
Jie Zhang

359703

Terracon 1466 66th Street, Emeryville, California			LEAD PAINT SAMPLE DATA SHEET		
PM - S. Steiner Steff@rgaenv.com Fax: 510.899.7051	PM - K. Schroeter Karin@rgaenv.com Fax: 510.899.7063	PM - K. Pilgrim Ken@rgaenv.com Fax: 510.899.7053	* Lead Analysis ___ Flame AA (EPA 7420) ___ TTLC		
PM - T. Kattchee Tedd@rgaenv.com Fax: 510.899.7070	✓	PM - W. Frieszell wmfrieszell@terracon.com	Page <u>1</u> of <u>2</u>		

Project Name/Address		Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California									
Terracon Project Number		R1187858		Sampled By		W. Frieszell/ S. Steiner		Sampling Date		August 15, 2018	
Laboratory	Asbestos TEM	X	Other	Turn Around Time			3 Day	X	Other (Specify)		

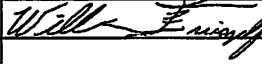
Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-01	Paint Color:	Blue	Substrate:	Sheet Flooring	Component:	Flooring System	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Southeastern Bathroom	
Pb-02	Paint Color:	White/Grey	Substrate:	1" Hexagonal Ceramic	Component:	Floor Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Northeastern Bathroom	
Pb-03	Paint Color:	Black	Substrate:	2"x4" Ceramic	Component:	Wall Trim Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Northeastern Bathroom	
Pb-04	Paint Color:	Grey	Substrate:	6" Ceramic	Component:	Cove Base Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Northeastern Bathroom	
Pb-05	Paint Color:	Lavender	Substrate:	4" Ceramic	Component:	Wall Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Northeastern Bathroom	
Pb-06	Paint Color:	Tan	Substrate:	4" Ceramic	Component:	Floor Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Eastern Central Bathroom	
Pb-07	Paint Color:	Tan	Substrate:	Multisized Mosaic Ceramic	Component:	Shower Floor Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Eastern Central Bathroom	

NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell		Terracon Consultants	August 15, 2018
Received By:				AUG 16 '18 9:07AM
Relinquished By:				
Received By:				

359703

Terracon1466 66th Street, Emeryville, California**LEAD PAINT
SAMPLE DATA SHEET*** Lead Analysis
___ Flame AA (EPA 7420)
___ TLCPage 2 of 2

PM - S. Steiner Steff@rgaenv.com Fax: 510.899.7051	PM - K. Schroeter Karin@rgaenv.com Fax: 510.899.7063	PM - K. Pilgrim Ken@rgaenv.com Fax: 510.899.7053
PM - T. Kattchee Tedd@rgaenv.com Fax: 510.899.7070	✓ PM - W. Frieszell wmfrieszell@terracon.com	PM - M. Bryant marlin.bryant@rgaenv.com Fax: 510.899.7062

Project Name/Address	Fairmont Hospital, White Cotton Cottage, 15400 Foothill Boulevard, San Leandro, California						
Terracon Project Number	R1187858	Sampled By	W. Frieszell/ S. Steiner		Sampling Date	August 15, 2018	
Laboratory	AsbestosTEM	X	Other		Turn Around Time	3 Day	X Other (Specify)

Sample ID	Paint Description and Sample Location						Condition (I/F/P)
Pb-08	Paint Color:	Brown	Substrate:	4" Ceramic	Component:	Cove Base Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Eastern Central Bathroom	
Pb-09	Paint Color:	Tan	Substrate:	4" Ceramic	Component:	Shower Tile	I
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Eastern Central Bathroom	
Pb-10	Paint Color:	Pink	Substrate:	4" Ceramic	Component:	Floor Tile	I
	Bldg:	White Cotton Cottage	Unit:	1 st Floor	Room:	Northeastern Bathroom	
Pb-11	Paint Color:	Bright Blue	Substrate:	4" Ceramic	Component:	Shower Wall Tile	I
	Bldg:	White Cotton Cottage	Unit:	1 st Floor	Room:	Northeastern Bathroom	
Pb-12	Paint Color:	White	Substrate:	Putty	Component:	Window Glazing Compound	I
	Bldg:	White Cotton Cottage	Unit:	1 st Floor	Room:	Southeastern Kitchen	
Pb-13	Paint Color:	White	Substrate:	Plaster	Component:	Ceiling System	P
	Bldg:	White Cotton Cottage	Unit:	2 nd Floor	Room:	Main Central Corridor	
	Paint Color:		Substrate:		Component:		
	Bldg:		Unit:		Room:		

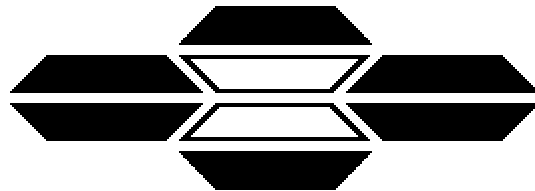
NAME:

SIGNATURE:

COMPANY:

DATE:

Relinquished By:	William Frieszell	<i>William Frieszell</i>	Terracon Consultants	August 15, 2018
Received By:				AUG 16 '18 9:07AM
Relinquished By:				
Received By:				



ASBESTOS TEM LABORATORIES, INC.

ATEM SOP-AA-01
(EPA 3050B/EPA 7420)

Lead Paint Analysis Report

Laboratory Job # 355605

600 Bancroft Way, Ste. A
Berkeley, CA 94710
(510) 704-8930
FAX (510) 704-8429



ASBESTOS TEM LABORATORIES, INC



Jan/22/2018

Steff Steiner
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

RE: LABORATORY JOB # 355605

Atomic Absorption Spectroscopy analytical results for 3 paint sample(s).

Job Site: Fairmont Hosp. Victorian Structure

Job No.: R1187014

Enclosed please find results for the atomic absorption spectroscopy (AA) metals analysis of one or more paint samples. Sample preparation and analysis procedures were performed according to ATEM SOP-AA-01 (EPA 3050B / EPA 7420).

Prior to analysis, samples are checked for damage and disruption of the chain-of-custody seal. Samples are then logged-in, each given a unique laboratory number, and a hard copy containing all pertinent information is generated. This, and all other relevant paper work are kept with each sample throughout the analytical procedures to assure proper analysis.

A portion of each sample is weighed out such that an aliquot of ~0.2 grams is obtained. The weighed sample material is then placed into a digestion vessel, transferred to a fume hood, heated at ~95 Deg. C., refluxed with nitric acid to solubilize the contained metals, and treated with hydrogen peroxide to oxidize any organic binder present in the sample material. High purity water is added to make a 50 ml volume for each sample.

AA analysis is performed on a microprocessor controlled Perkin Elmer AAnalyst 300 atomic absorption spectrophotometer, operating in the flame mode. Samples are diluted as needed to allow reading of concentrations in the calibration range. QC analyses are prepared and performed along with each sample batch to ensure accurate analytical determinations. Data is compiled into a standard report format and subjected to a thorough quality assurance check before the information is released to the client. Note: Sample results are not corrected for contamination based on the field blank(s) or other analytical blank(s).

Sincerely Yours,

ASBESTOS TEM LABORATORIES, INC.

--- Results for routine quality control samples run in parallel to the samples reported here were within acceptable limits. These results relate only to the sample(s) tested and must not be reproduced, except in full, with the approval of the laboratory. ---

ATOMIC ABSORPTION SPECTROSCOPY LEAD PAINT ANALYSIS REPORT ATEM SOP-AA-01 (EPA 3050B / EPA 7000B)

Page: **3** of **3**

Contact: Steff Steiner Address: Terracon Consultants, Inc. 1466 66th Street Emeryville, CA 94608		Samples Submitted: 3 Samples Analyzed: 3 Job Site / No. Fairmont Hosp. Victorian Structure R1187014		Report No.: 355605 Date Submitted: Jan-17-18 Date Reported: Jan-22-18	
---	--	---	--	--	--

SAMPLE ID	METAL	SAMPLE RESULT	REPORTING LIMIT	LOCATION / DESCRIPTION
Pb-01 Lab ID # 1434-03081-001	Pb	280000 mg/kg 28.000 %	38 mg/kg 0.004 %	White - Wood - Window frame - West pile. <u>Sampling Date</u> Jan-17-18 <u>Analysis Date</u> Jan-22-18 <u>Analyzed Weight (g)</u> 0.2601
Pb-02 Lab ID # 1434-03081-002	Pb	370000 mg/kg 37.000 %	47 mg/kg 0.005 %	White - Wood - Window frame - East pile. <u>Sampling Date</u> Jan-17-18 <u>Analysis Date</u> Jan-22-18 <u>Analyzed Weight (g)</u> 0.2117
Pb-03 Lab ID # 1434-03081-003	Pb	230000 mg/kg 23.000 %	48 mg/kg 0.005 %	White - Wood - Stairs - South stairs. <u>Sampling Date</u> Jan-17-18 <u>Analysis Date</u> Jan-22-18 <u>Analyzed Weight (g)</u> 0.2087
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>
				<u>Sampling Date</u> <u>Analysis Date</u> <u>Analyzed Weight (g)</u>

Analytical results posted above relate only to the material(s) tested.
 The sample has not been blank corrected.

µg - micrograms 1% = 10,000 ppm 1ppm = 1 mg/Kg

Lab QC Reviewer 
 Jo Ann Huerto

Analyst 
 Jie Zhang

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>sanleandrolab@emsl.com

EMSL Order: 091801816

CustomerID: IHIE51

CustomerPO: R1187014

ProjectID:

Attn: **S. Steiner**
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

Phone: (510) 923-1661
Fax: (510) 923-1468
Received: 01/26/18 9:00 AM
Collected: 1/17/2018

Project: **ALAMEDA COUNTY - FAIRMONT HOSPITAL VICTORIAN STRUCTURE; R1187014****Test Report: Total Threshold Limit Concentration**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
1187014-PBW	091801816-0001	1/17/2018	1/26/2018	110000 mg/Kg
	Site: SOUTHEAST + WEST PILES			
1187014-PBW	091801816-0002	1/17/2018	1/30/2018	75000 mg/Kg
	Site: SOUTHEAST + WEST PILES			

Julian Neagu, Lead Laboratory Manager
or other approved signatory

Reporting limit is 40 mg/kg based on a 0.5 gram sample weight. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Report Amended: 01/30/2018 17:07:54 Replaces the Initial Report 01/26/2018 17:39:36. Reason Code: Data Entry-Change to Appearance

**EMSL Analytical, Inc**

464 McCormick Street, San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com>sanleandrolab@emsl.com

EMSL Order: 091801816

CustomerID: IHIE51

CustomerPO: R1187014

ProjectID:

Attn: **S. Steiner**
Terracon Consultants, Inc.
1466 66th Street
Emeryville, CA 94608

Phone: (510) 923-1661
Fax: (510) 923-1468
Received: 01/26/18 9:00 AM
Collected: 01/17/2018

Project: **ALAMEDA COUNTY - FAIRMONT HOSPITAL VICTORIAN STRUCTURE; R1187014****Test Report: Toxicity Characteristic Leaching Procedure (SW846, 1311/7420)**

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
1187014-PBW	091801816-0003	01/17/2018		270 mg/L
Site: SOUTHEAST + WEST PILES				

Julian Neagu, Lead Laboratory Manager
or other approved signatory

The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to those items tested. Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from 02/07/2018 17:24:03

3556005
Terracon

FAX OR E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM) ***ADDITIONAL REPORT RECIPIENT(S): _____		LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420) _____ TTLC PAGE <u>1</u> OF <u>1</u>	
☒ PM - S. Steiner ssteiner@terracon.com	☐ PM - K. Schroeter kmschroeter@terracon.com	☐ PM - W. Frieszell wtfrieszell@terracon.com	☐ PM - T. Katchee tkatchee@terracon.com
		☐ PM - K. Pilgrim kmpilgrim@terracon.com	☐ PM - M. Benefield msbenefield@terracon.com

Project Name/ Address/ Building No. Fairmont Hosp. Victorian Structure
 Project# R1187014 Sampled By: Steve R. Sampling Date: 1/17/18
 Sample(s) sent to: ☐ MAL ☐ EMSL ☐ Aerobiology ☐ Quantum ☒ Other TEMLAB
 TAT ☐ Rush ☐ 24HRS ☐ 48HRS ☒ 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
Pb-01	Paint Color: <u>White</u> Substrate: <u>wood</u> Component: <u>Window Frame</u> Sample Location: Bldg # <u>West pile</u> Unit # _____ Room _____	P
Pb-02	Paint Color: <u>White</u> Substrate: <u>wood</u> Component: <u>Window Frame</u> Sample Location: Bldg # <u>East pile</u> Unit # _____ Room _____	P
Pb-03	Paint Color: <u>White</u> Substrate: <u>wood</u> Component: <u>Stairs</u> Sample Location: Bldg # <u>South Stairs</u> Unit # _____ Room _____	F
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By: Steve Rogers Signature: [Signature] Date/Time: 1/17/18
 Received By: Gabriela Signature: [Signature] Date/Time: 1/17/18 1402
 Received By: _____ Signature: _____ Date/Time: _____



Lead Paint Wood Debris Collected
From Areas Depicted Below -
Composited Into One Waste
Stream Sample.

#1

#2

#3

Google

Map data ©2018 Google 20 ft



4701 Doyle Street
Suite 14
Emeryville, CA 94608
(510) 547-7771
(510) 547-1983 fax

RGAE Environmental, Inc.

Asbestos and Lead Survey Report

*White Cotton Cottage
San Leandro, California*

Asbestos and Lead Testing

RGAE Project No. COAL6017

January 29, 2001

Table of Contents

1. Executive Summary	1
2. Scope of Work	2
3. Methods and Sampling Strategy	3
4. Asbestos Results	4
5. Lead Results	6
6. Regulatory Requirements	7
7. Limitations.....	8

Appendices

- A. Tables**
- B. Laboratory Results and Chain of Custody**
- C. Site Inspector Certificates**

Asbestos and Lead Survey Report

Asbestos and Lead Testing

White Cotton Cottage

1. Executive Summary

The following is a report of the asbestos and lead survey conducted by Mr. Kenneth Pilgrim, California Certified Asbestos Consultant (CAC) and Bill Mcalhattan, California Certified Site Surveillance Technician (CSST), with RGA Environmental, Inc. (RGA). The survey was performed on December 29, 2000 at the White Cotton Cottage located at the Fairmont Hospital in San Leandro, California.

All nine (9) of the painted surfaces sampled from the building were found to contain detectable levels of lead. Paint sampled on the interior and exterior of the buildings was damaged and peeling from the substrate. The highest lead content (304,000 ppm) was detected in the white paint on the exterior wood window frames and the white paint on the interior plaster walls in the kitchen.

Twenty-nine (29) homogeneous suspect asbestos-containing materials (ACMs) were identified in building during the survey. Nine (9) of the homogeneous materials tested positive for asbestos-content. Regulations require that any time ACMs are impacted during repair, renovation, removal or demolition that the work be performed by properly trained and certified workers. The ACMs identified are listed below:

**TABLE I
ASBESTOS-CONTAINING MATERIAL(S)**

Material Description	Material Location	Friability	Asbestos Type
Drywall with joint compound	Partition wall and patch locations	Friable	Compounds >1% CH, Drywall: ND
Pipe Insulation	Wall cavities associated with radiators	Friable	7% CH, 3% AM
12" x 12" Light brown floor tile with streaks and mastic	Hallway and kitchen	Non-friable	Tile: 2% CH, Mastic: ND

Material Description	Material Location	Friability	Asbestos Type
12" x 12" floor tile with light brown streaks, mastic, and vapor barrier	NE corner room – 1 st floor	Non-friable	Floor tile: 2% CH, Mastic: ND
12" x 12" Floor tile – patch tiles	Mud/laundry room – 1 st floor	Non-friable	Tile >1% CH, Mastic: ND
Pipe wrap	Basement – associated with domestic hot water	Friable	90% CH
Floor tile and mastic under carpet	Basement – large office	Non-friable	Tile: 3% CH, Mastic: ND
Roofing cement	Roof penetrations and patch locations	Non-friable	4% CH
Asbestos paper	Light fixture – 2 nd floor – SW room	Friable	Paper 70% CH

CH=Chrysotile asbestos

2. Scope of Work

The scope of the survey was as follows:

- Collect a representative number of samples of suspect asbestos-containing materials (ACMs) following a National Emissions Standards for Hazardous Air Pollutants (NESHAPS) protocol for sample collection for a demolition/renovation survey.
- Provide a DHS lead certified inspector to collect bulk paint chip samples of peeling and/or stratified paint suspected to be lead-containing. Bulk samples were analyzed at an accredited laboratory by Flame Atomic Absorption (AA) for Total Lead reported in parts per million (ppm).
- Asbestos bulk samples will be analyzed using polarized light microscopy (PLM) in accordance with EPA's July 1993 method for the determination of asbestos in bulk building materials - EPA 600/R-93/116.
- Submit written report including analytical results, regulatory requirements, and conclusions.

3. Methods and Sampling Strategy

Visual Inspection

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 OSHA and ASHARA have adopted the AHERA sampling methodology for all buildings subject to demolition or renovation.

Potential ACM was also physically assessed for friability, condition and disturbance factors.

Bulk Sampling of Asbestos

Bulk samples of all suspect 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 or 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.

The building 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 discreet identification number and recorded on field notes as well as chain-of-custody forms. Refer to accompanying tables and appendices for details on material sample locations and results.

Bulk Sampling of Lead Paint

Paint chip samples were collected using a hand scraper and were placed into individual plastic sampling containers. Each sample was provided a discreet sample number, which was recorded on a chain-of-custody form. The samples were transported under chain-of-custody procedures to RJ Lee Group, Inc. (RJ Lee). Please refer to Table III for details on sample locations and sample results.

Bulk Sample Analysis

Bulk asbestos and lead samples were analyzed by RJ Lee. RJ Lee is accredited under the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP).

All samples were analyzed using polarized light microscopy (PLM) techniques in accordance with methodology approved by the U.S. Environmental Protection

Agency (EPA). As set forth in the Code of Federal Regulations, 40 CFR Part 763, Appendix A to Subpart F, Section 1.2 and 1.7.2.4, the lower limit of reliability detection for asbestos using the PLM method is approximately one percent (1%) by volume. Cal-OSHA defines asbestos containing construction materials (ACCM) as those materials having an 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.

Note: under EPA assessment criteria, if a single sample of a homogeneous material tests positive for asbestos, all homogeneous materials in that functional space are considered to be asbestos containing.

All paint samples were analyzed for lead content using the Flame Atomic Absorption spectroscopy in accordance to EPA Method SW846-3050-7000A. When "<" appears in the lead sample report, it should be interpreted as meaning below analytical detection limit and no lead was detected in the paint sample.

4. Asbestos Results

During the survey, twenty-nine (29) homogeneous suspect asbestos-containing materials (ACMs) were identified at the White Cotton Cottage. Nine (9) of the homogeneous materials tested positive for asbestos-content. The results are summarized in the tables below:

TABLE I
ASBESTOS-CONTAINING MATERIAL(S)

Material Description	Material Location	Friability	Asbestos Type	Approx. Quantity
Drywall with joint compound	Partition wall and patch locations	Friable	Compounds $>1\%$ CH, Drywall: ND	2,000 sf
Pipe Insulation	Wall cavities associated with radiators	Friable	7% CH, 3% AM	5 lf
12" x 12" Light brown floor tile with streaks and mastic	Hallway and kitchen	Non-friable	Tile: 2% CH, Mastic: ND	200 sf
12" x 12" floor tile with light brown streaks, mastic, and vapor barrier	NW corner room – 1 st floor	Non-friable	Floor tile: 2% CH, Mastic: ND	150 sf

Material Description	Material Location	Friability	Asbestos Type	Approx. Quantity
12" x 12" Floor tile – patch tiles	Mud/laundry room – 1 st floor	Non-friable	Tile >1% CH, Mastic: ND	20 sf
Pipe wrap	Basement – associated with domestic hot water	Friable	90% CH	5 lf
Floor tile and mastic under carpet	Basement – large office	Non-friable	Tile: 3% CH, Mastic: ND	250 sf
Roofing cement	Roof penetrations and patch locations	Non-friable	4% CH	50 sf
Asbestos paper	Light fixture – 2 nd floor – SE room	Friable	Paper 70% CH	1 sf

CH = Chrysotile asbestos

Twenty of the suspect ACMs sampled at the White Cotton Cottage did not contain asbestos. The materials are presented in Table II:

TABLE II
NON-ASBESTOS CONTAINING MATERIAL(S)

Plaster on wood lath – walls and ceilings	Wall covering – cloth - walls
Plaster on wire lath – random walls	Ceramic tile grout - bathroom
Linoieum – 2 nd floor bathroom	Blown insulation – 2 nd floor – ceiling space
Plaster over button board – 1 st floor – NE corner bathroom	12" x 12" floor tile, white with blue spots with mastic and vapor barrier – kitchen
Basecove, light brown – kitchen	Basecove - SE bathroom
Black and gold floor tile – 1 st floor – southern rooms	Basecove, 4", dark brown – basement – large office
Plaster over concrete	Basement
Vapor barrier – 1 st floor living room wall	Checker board floor tile – 1 st floor – SW corner

Window putty	Roofing shingles
Skylight putty	Anti-skid coating

5. Lead Results

Nine (9) samples were collected from various surfaces on the interior and exterior of the building. Most of the sampled paint was peeling and in poor condition. Table III below summarizes the sampling locations and lead content of each material.

**TABLE III
 LEAD IN PAINT SAMPLE RESULTS**

Sample Number	Location	Results mg/kg (ppm)
123473	Pink paint on interior wood window frame -- 2 nd floor southwest corner	115,000
123460	Gray paint on interior wood door frame, northwest corner	33,300
123444	Pink paint on plaster wall -- 1 st floor north wall of center room	1,370
117637	White paint on wood -- 1 st floor bathroom near kitchen	149,000
121177	White paint on exterior wood window frame -- kitchen	304,000
121183	White paint on exterior wood shingles -- northeast corner	288,000
121194	White paint on exterior wood door threshold -	310,000
121196	Black paint on metal roof ladder -- roof	2,440
121216	White paint on interior plaster wall -- kitchen	304,000

mg/kg -- milligrams per kilogram, ppm -- parts per million

6. Regulatory Requirements

Asbestos

Asbestos-containing building materials at the White Cotton Cottage contain asbestos in concentrations greater than one tenth of one percent (0.1%). Impacting materials containing greater than 0.1% asbestos either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection) and EPA (environmental exposure, transportation and disposal).

Listed below are the regulations that apply if the materials are removed:

- Any individual who contracts to provide health and safety services relating to asbestos-containing materials must be certified by Cal-OSHA as either a Certified Asbestos Consultant or a Site Surveillance Technician. The activities they are certified to provide include: conducting asbestos surveys; writing work plans or specifications for abatement; monitoring the work of abatement contractors; collecting air samples; and determining if the work area is safe for re-occupancy by non-asbestos workers. Regulation: Cal-OSHA 8 CCR 1529 (q)(1).
- More than 100 square feet of materials that contain greater than 0.1% asbestos will be abated. Therefore, the material must be abated by a licensed asbestos abatement contractor. Regulation: Cal-OSHA 8 CCR 1529 (R).
- ACMs that are classified by OSHA as miscellaneous materials will be abated. This work is considered a Class II activity according to OSHA regulations. Work practices and engineering controls include critical barriers or isolation of the work area in combination with perimeter monitoring. Regulation: Cal-OSHA 8 CCR 1529 (g) (7) (B)
- Friable ACMs greater than 1% asbestos must be disposed of as hazardous waste in accordance with the Department of Toxic and Substances Control (DTSC) which is a division of Cal-EPA. DTSC regulates disposal of asbestos waste. In California, friable asbestos waste is required to be handled and manifested as a hazardous waste. DTSC issues U.S. EPA hazardous waste generator identification numbers.

Lead-Based Paint

Peeling and otherwise damaged lead-containing paints were identified at the White Cotton Cottage. Impacting lead-containing paint either through repair, maintenance, renovation or demolition activities triggers numerous regulations enforced by such agencies as OSHA (worker protection) and EPA (environmental exposure, transportation and disposal).

Listed below are the lead paint regulations that apply if the paint is removed:

- There are presently no federal, state or local regulations limiting the concentration of lead in public sector buildings, however several regulations established for the private sector as well as for government subsidized housing are used industry wide as guidelines for assessing exposure to lead. The Consumer Product Safety Commission (CPSC) has set a maximum limit of 600 ppm in paint used for residential purposes and the Department of Housing and Urban Development (HUD) requires abatement of paints containing lead in concentrations exceeding 5,000 ppm.
- Disposal of all lead-based paints is regulated at concentrations at or exceeding 350 ppm as stated in 40 Code of Federal Regulations (CFR) Part 263 - Land Disposal Regulations and Title 22, Division 4 Environmental Health of the California Administrative Code. This level is often used as the threshold to determine which peeling and stratified paints must be abated prior to building demolition, however lead related work at any lead concentration is regulated under the Occupational Safety and Health statutes.
- The Federal Occupations Safety and Health Administration (OSHA) as well as California OSHA regulate all worker exposure during construction activities that impact lead-based paint. OSHA enforces the Lead Exposure in Construction; Interim Final Rule found in 29 CFR Part 1926.62. The scope covers construction work where employees may be exposed to lead during such activities as demolition, removal, surface preparation for re-painting, renovation, clean-up and routine maintenance. The OSHA specified method of compliance includes respiratory protection, protective clothing and equipment, housekeeping, hygiene facilities, medical surveillance, training, etc.
- EPA Title X requires that the EPA and/or individual states develop training/certification regulations for individuals engaged in lead-based paint activities and requires the EPA to issue guidelines and evaluate renovation and remodeling activities involving lead paint.

7. Limitations

The information provided in this report is not intended to be used as a biddable document for abatement purposes.

APPENDIX A

TABLES

White cotton cottage
San Leandro

Renovation Survey

Table I

Asbestos Bulk Sample Results

Date Sampled: 12/29/00
Date Printed: 1/23/2001
Project Number: COAL6017
Surveyed By: Ken Pilgrim, Bill Melhatten

HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
-----	--	------------	-----------	-------------------------

001 Drywall with joint compound

117639	Basement, small office	Friable	Good Condition	Sample Not Analyzed
117651	Downstairs, NW room			Sample Not Analyzed
121125	NW, upstairs corner room			ND
121143	SW, upstairs corner room			ND
123249	Downstairs living room, east wall in front of fire place			Compounds >1% CH; Other Layer ND
123446	Downstairs small room, NW corner			Sample Not Analyzed
123447	Downstairs, north middle room			Sample Not Analyzed

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

HMN = Homogenous material number, CH=Chrysotile, Am=Amosite, TR=Tremolite, CR=Crocidolite, AN=Anthophyllite, AC=Actinolite

White cotton cottage

RGA Environmental Inc.
510 547-7771

HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
002	Plaster with skim coat			
117640	Downstairs North hallway	NA	NA	ND
117643	Living room wall			ND
123337	West upstairs middle room			ND
123438	East upstairs middle bathroom			ND
123468	Downstairs kitchen steps			ND
123472	Downstairs, NW corner by radiator			ND
123477	NW, upstairs corner room			ND
003	Wall covering, cloth			
117636	Downstairs hallway	NA	NA	ND
123479	Downstairs next to front door			ND
123480	Upstairs west middle room			ND
004	Plaster on wire lath			
123465	Kitchen North wall	NA	NA	ND
123466	Kitchen South wall			ND
123475	SW upstairs corner room			ND

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

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White cotton cottage

RG&A Environmental Inc.
510 547-7771

HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
005 Pipe Insulation				
123436	Radiator upstairs NE corner bathroom		Damaged Condition	7% CH; 3% AM
006 Ceramic tile grout				
123443	Bathroom upstairs, NE corner wall	NA	NA	ND
123471	Bathroom upstairs, NE corner floor			ND
007 Linoleum				
123437	Upstairs, SE corner bathroom	NA	NA	ND
008 Blown Insulation				
123439	Crawl space, SE upstairs corner room	NA	NA	ND
009 Plaster over button board				
123462	Downstairs, NE corner room	NA	NA	ND
123463	Downstairs, NE corner bathroom			ND
123467	Downstairs, NE corner bathroom			ND

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

HMN = Homogenous material number, CH=Chrysotile, Am=Amosite, TR=Tremolite, CR=Crocidolite, AN=Anthophyllite, AC=Actinolite

White cotton cottage

RGA Environmental Inc.

510 547-7771

HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
010	12 x12 floor tile, light brown w/ streaks, w/ mastic barrier	Non-Friable	Good Condition	
117622	Downstairs hallway, Northside			Floor tile 2% CH; Other Layer ND
117628	Kitchen			Sample Not Analyzed
011	12 x12 floor tile, light brown streaks, w/ mastic/barrier	Non-Friable	Good Condition	
117626	NE corner downstairs room			Floor tile 2% CH; Other Layer ND
117642	NE corner downstairs room			Sample Not Analyzed
012	12 x12 floor tile, white w/ blue spots, w/ mastic barrier	NA	NA	
117624	Downstairs kitchen			ND
117631	Downstairs kitchen			ND
013	Basecove, light brown	NA	NA	
117625	Kitchen			ND
117629	Kitchen			ND

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

HMN = Homogenous material number, CH=Chrysotile, Am=Amosite, TR=Tremolite, CR=Crocidolite, AN=Anthophyllite, AC=Actinolite

White cotton cottage

RGA Environmental Inc.
510 547-7771

HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
014 Base covering				
117627	Bathroom, SE corner of kitchen	NA	NA	ND
015 12 x 12 patch tiles, Mud room				
117630	Mudroom			Sample Not Analyzed
117635	Mudroom	NA	NA	Sample Not Analyzed
117646	Mudroom			Tile >1% CH; Other Layer: ND
016 Black and gold floor tile				
117645	Downstairs South middle room	NA	NA	ND
117647	Downstairs, SE corner room			ND
117658	Downstairs, SE corner room			ND
017 Pipe wrap, canvas				
117648	Basement, SE corner, near exit	Friable	Damaged Condition	90% CH

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

HMN = Homogenous material number, CH=Chrysotile, Am=Amosite, TR=Tremolite, CR=Crocidolite, AN=Anthophyllite, AC=Actinolite

White cotton cottage

RGA Environmental Inc.
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HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
018	Floor tile under carpet			
117641	Downstairs, large office room	Non-Friable	Good Condition	Floor tile 3% CH; Other Layer ND
117650	Downstairs, large office room			ND
019	Basecove, 4" dark brown			
117623	Large office, basement	NA	NA	ND
117638	Large office, basement			ND
020	Plaster over concrete			
117632	Downstairs, small office	NA	NA	ND
117633	Downstairs, large office			ND
117634	Downstairs, large office			ND
021	Vapor barrier			
123375	Behind plywood, living room, SE wall	NA	NA	ND
022	Basecove, 4" and mastic			
123448	Sunroom, SW, downstairs corner	NA	NA	ND

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

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White cotton cottage

RGA Environmental Inc.

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HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
023	Tile floor			
123445	Checkerboard floortile, sunroom, SW corner	NA	NA	ND
123461	Checkerboard floortile, sunroom, SW corner			ND
024	Window putty			
121156	NW turret	NA	NA	ND
121187	Kitchen window, over sink			ND
121213	SE corner, sunroom			ND
025	Roofing cement			
121180	Skylight	Non-Friable	Good Condition	Sample Not Analyzed
121181	At pipe penetration			Sample Not Analyzed
121195	Chimney			4% CH
026	Roofing shingles			
121157	SE corner at ladder	NA	NA	ND
121182	North peak			ND
121184	East roof (top)			ND

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

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White cotton cottage

RGA Environmental Inc.
510 547-7771

HMN	Material Description / Sample Location	Friability	Condition	Asbestos Type / Percent
027	Skylight putty	NA	NA	
121173	Skylight			ND
121189	Skylight			ND
028	Anti-skid coating	NA	NA	
121210	Front porch			ND
121215	Front porch			ND
029	Light fixture paper	Friable	Damaged Condition	
121214	2nd floor, SW room			Paper 70% CH; Other Layer ND

All analyses completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982). PLM may detect asbestos in "Trace" concentrations (<1%). Thus negative (ND) results cannot be guaranteed. The absence of asbestos in vinyl floor tiles, wipes or other similar samples cannot be conclusively established by this method, and should be confirmed by an independent analytical method such as Transmission Electron Microscopy (TEM). Detection Limit: <1% ("Trace"). Quantification range 1-100%. ND = None Detected. NA = Not Applicable.

HMN = Homogenous material number, CH=Chrysotile, Am=Amosite, TR=Tremolite, CR=Crocidolite, AN=Anthophyllite, AC=Actinolite

White cotton cottage

RGA Environmental Inc.

510 547-7771

APPENDIX B

LABORATORY RESULTS AND CHAIN OF CUSTODY

Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101020

P. 2

-----Asbestos-----Nonasbestos-----														
Sample Number /	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers	Fibers	Material	Analyst
1727970CPL	121125	-	-	-	-	-	-	3 %	-	-	-	-	97 %	1/4/01
Plaster - NS ; wht. drywall ; wht. comp														
NFM: Qtz, Carb, Binder, Opaq, Gyp, Mica, Misc. Part.														
1727971CPL	121143	-	-	-	-	-	-	3 %	-	-	-	-	97 %	1/4/01
Plaster - NS ; wht. drywall ; wht. comp														
NFM: Qtz, Carb, Binder, Opaq, Gyp, Mica, Misc. Part.														
Non Homogeneous														
1727972CPL	123249	<1 %	-	-	-	-	-	3 %	-	-	-	-	97 %	1/4/01
Plaster - NS ; wht. drywall ; wht. comp														
NFM: Qtz, Carb, Binder, Opaq, Gyp, Mica, Misc. Part.														
Non Homogeneous														
Layer Content: Comp >1% Chrysotile ; Other Layer : None Detected														

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Sample Location	Sample Not Analyzed
1727974CPL	117639
Sample Location	Sample Not Analyzed
1727975CPL	117651
Sample Location	Sample Not Analyzed

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Bay Area Lab

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San Leandro, CA 94577

Page: 1 of 11

Authorized Signature

Stephen S. Yala, Geologist
Friday, January 5, 2001

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Test Report - RGA Environmental, Inc.

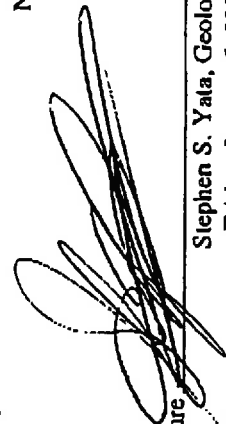
Polarized Light Microscopy Analysis Results

Project AOC101020

NO. 5029 P. 3

Sample Number /		Asbestos-----Nonasbestos-----									
Sample Appearance	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Mineral	Run Date
1727976CPL	123447	-	-	-	-	-	-	-	-	-	Analyst

Sample Location	Sample Not Analyzed										
1727977CPL	123480	-	-	-	-	-	-	-	-	-	1/4/01
White cloth wall covering		-	-	-	-	-	-	-	-	-	SSY
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
		Homogeneous									
1727978CPL	123479	-	-	-	-	-	-	-	-	-	1/4/01
White cloth wall covering		-	-	-	-	-	-	-	-	-	SSY
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
		Homogeneous									
1727979CPL	117636	-	-	-	-	-	-	-	-	-	1/4/01
White cloth wall covering		-	-	-	-	-	-	-	-	-	SSY
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
		Homogeneous									
1727980CPL	123475	-	-	-	-	-	-	-	-	-	1/4/01
Grey plaster ; wht. skim coat		-	-	-	-	-	-	-	-	-	SSY
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
		Non Homogeneous									
1727981CPL	123465	-	-	-	-	-	-	-	-	-	1/4/01
Grey plaster ; wht. skim coat		-	-	-	-	-	-	-	-	-	SSY
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
		Non Homogeneous									

Authorized Signature 

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Friday, January 5, 2001

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Samples received on: Thursday, January 4, 2001

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Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101020

P. 4

Sample Number / Sample Appearance	Client Sample Number	Asbestos-----Nonasbestos-----									
		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Other NonFibrous
1727982CPL 123466 Plaster - NS ; brn. skim coat		-	-	-	-	-	-	1 %	-	-	99 % 1/4/01
		NFM: Qtz, Per, Carb, Binder, Opaq, Misc. Part.									
1727983CPL 123436 White pipe insulation		7 %	3 %	-	-	-	-	-	-	-	90 % 1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
1727984CPL 123443 White grout		-	-	-	-	-	-	-	-	-	100 % 1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
1727985CPL 123471 Grey ceramic tile ; grey grout		-	-	-	-	-	-	-	-	-	100 % 1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
1727986CPL 123437 Blue linoleum		-	-	-	-	-	-	30 %	-	-	70 % 1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									
1727987CPL 123439 Grey insulation		-	-	-	-	-	-	<1 %	30 %	50 %	20 % 1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.									

Samples received on: Thursday, January 4, 2001

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Page: 3 of 11

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NO. 5029

Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

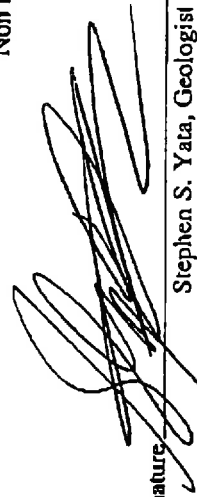
Project AOC101020

NO. 5029 P. 5

Sample Number /		-----Asbestos-----Nonasbestos-----												
Sample Appearance	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers	Fibers	Material	Analyst
1727988CPL	123462	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01
Offwhite plaster ; wht. skim coat		NFM: Qtz, Carb, Binder, Opaq, Mica, Misc. Part.												
Non Homogeneous														
1727989CPL	123463	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01
Offwhite plaster ; wht. skim coat		NFM: Qtz, Carb, Binder, Opaq, Mica, Misc. Part.												
Non Homogeneous														
1727990CPL	123467	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01
Offwhite plaster ; wht. skim coat		NFM: Qtz, Carb, Binder, Opaq, Mica, Misc. Part.												
Non Homogeneous														
1727991CPL	117622	2 %	-	-	-	-	-	8 %	-	-	-	-	90 %	1/4/01
Brown floortile ; yellow mastic ; blk. felt		NFM: Qtz, Tar, Carb, Binder, Opaq, Misc. Part.												
Layer Content:		Floortile 2% Chrysotile ; Other Layer : None Detected												
1727992CPL	117628	-	-	-	-	-	-	-	-	-	-	-	-	-
Sample Location		Sample Not Analyzed												
1727993CPL	117626	2 %	-	-	-	-	-	8 %	-	-	-	-	90 %	1/4/01
Brown floortile ; yellow mastic ; blk. felt		NFM: Qtz, Tar, Carb, Binder, Opaq, Misc. Part.												
Layer Content:		Floortile 2% Chrysotile ; Other Layer : None Detected												
Non Homogeneous														

Samples received on: Thursday, January 4, 2001

Authorized Signature



Stephen S. Yata, Geologist
Friday, January 5, 2001

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NO. 5029 P. 6

JAN. 4. 2001 4:48PM R J LEE GROUP INC

Sample Number /

Sample Appearance Client Sa
1727994CPL 117642

Asbestos-

Nonasbestos-

Mineral	Fibrous	Synthetic	Other	NonFibrous	Run Date
Wool	Glass	Fibers	Fibers	Material	Analyst

Anthrophyllite Tremolite Actinolite Cellulose

Thrysoile Amosite Crocidolite

Sample Location	Sample Not Analyzed
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11727995CPL 117631
Beige floortile; yellow mastic; blk. felt

8%

NFM: Qlz, Tar, Carb, Binder, Opaq, Misc. Parl.

92% 1/4/01
SSY

Non Homogeneous

1727996CPL 117624
Beige floortile; yellow mastic; blk. felt

8%

NFM: Q1z, Tar, Carb, Binder, Opaq, Misc. Part.

92% 1/401
SSY

Non Homogeneous

727997CPL 117629
light brn. basecove; brn. maslic

NFM: Qiz, Carb, Binder, Opaq, Misc. Part.

100% 1/4/01
SSY

Non Homogeneous

7272998CPL 117625
light bm. basecove; bm. mastic

NFM: Qlz, Carb, Binder, Opaq, Misc. Part.

100% 1/4/01
SSY

Non Homogeneous

727999CPL 117627
black base covering : btm. maslic

NFM: Qiz, Carb, Binder, Opaq, Misc. Part.

100% 1/4/01
SSY

Non Homogeneous

Samples received on: Thursday, January 4, 2001

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577
Page: 5 of 11

Page: 5 of 11

Authorized Signatures

Date _____

Stephen S. Yata, Geologist
Friday, January 5, 2001

Phone (510) 567-0480
Fax (510) 567-0488

NO. 5029 P. 7

Sample Number /		Asbestos										Nonasbestos							
Sample Appearance	Client	Sample Number	Chrysotile	Amosite	Crocidolite	Anthrophyllite	Tremolite	Actinolite	Cellulose	Wool	Mineral	Fibrous	Glass	Fibers	Fibers	Material	Analyst	Run Date	
172800CPL	117646		> 1 %	-	-	-	-	-	< 1 %	-	-	-	-	-	-	-	99 %	1/4/01	
Beige tile ; yellow mastic																			
Layer Content:		Tile >1% Chrysotile ; Other Layer : None Detected																	
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.																	
		SSY																	
		Non Homogeneous																	

Tile > 1% Chrysotile; Other Layer : None Detected

1728001CPL 117635

Sample Location	Sample Not Analyzed
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1728002CPL 117630

Sample Location	Sample Not Analyzed
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1728003CPL 117658

Black tile - NS ; bm. linoleum ; yellow mastic

1728004CPL 117647

Black linoleum ; ye4llow mastic

1728005CPL 117645

Black linoleum; yellow mastic; b.m. linoleum

Samples received on: Thursday, January 4, 2001

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577

Page: 6 of 11

Authorized Signature

Date:

Stephen S. Yata, Geologist
Friday, January 5, 2001

Phone (510) 567-0480
Fax (510) 567-0488

JAN. 4. 2001 4:49PM

R J LEE GROUP INC

Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101020

Sample Number / Sample Appearance	Client Sample Number	Sample Number	Asbestos					Nonasbestos					Run Date		
			Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers		Fibers	Material
1728006CPL Tan pipe wrap	117648	90 %	-	-	-	-	-	-	-	-	-	-	10 %	1/4/01	SSY
NFM: Qiz, Carb, Binder, Opaq, Misc. Part.															
1728007CPL Grey pad	117650	-	-	-	-	-	-	-	-	-	60 %	-	40 %	1/4/01	SSY
NFM: Qiz, Carb, Binder, Opaq, Misc. Part.															
1728008CPL Brown floor tile ; blk. mastic	117641	3 %	-	-	-	-	-	-	-	<1 %	-	-	97 %	1/4/01	SSY
NFM: Qiz, Tar, Carb, Binder, Opaq, Misc. Part.															
Layer Content: Floortile 3% Chrysotile ; Other Layer : None Detected															
1728009CPL Dark brn. basecove ; tan mastic	117638	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY
NFM: Qiz, Carb, Binder, Opaq, Misc. Part.															
1728010CPL Dark brn. basecove ; tan mastic	117623	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY
NFM: Qiz, Carb, Binder, Opaq, Misc. Part.															
1728011CPL Grey plaster	117634	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY
NFM: Qiz, Carb, Binder, Opaq, Misc. Part.															

Samples received on: Thursday, January 4, 2001

Authorized Signature:  Date: Friday, January 5, 2001

Stephen S. Yata, Geologist

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Bay Area Lab

530 McCormick Street
San Leandro, CA 94577

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Test Report - RGA Environmental, Inc.

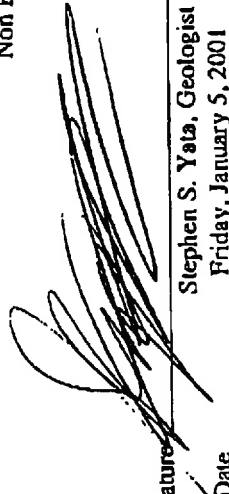
Polarized Light Microscopy Analysis Results

Project AOC101020

NO. 5029 P. 9

Sample Number / Sample Appearance	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Asbestos					Nonasbestos					Run Date
									Mineral	Fibrous	Synthetic	Other	Fibers	Fibers	Glass	Fibers	Material	Analyst	
1728012CPL Grey plaster	117633	-	-	-	-	-	-	NFM: Qtz, Carb, Binder, Opaq, Misc. Part.	-	-	-	-	-	100 %	1/4/01	SSY	Homogeneous		
1728013CPL Grey plaster	117632	-	-	-	-	-	-	NFM: Qtz, Carb, Binder, Opaq, Misc. Part.	-	-	-	-	-	100 %	1/4/01	SSY	Homogeneous		
1728014CPL Black vapor barrier	123375	-	-	-	-	-	-	80 % NFM: Qtz, Tar, Carb, Binder, Opaq, Misc. Part.	-	-	-	-	-	20 %	1/4/01	SSY	Homogeneous		
1728015CPL Grey basecove ; yellow mastic	123448	-	-	-	-	-	-	NFM: Qtz, Carb, Binder, Opaq, Misc. Part.	-	-	-	-	-	100 %	1/4/01	SSY	Non Homogeneous		
1728016CPL Black tile ; brn. mastic	123445	-	-	-	-	-	-	30 % NFM: Qtz, Carb, Binder, Opaq, Misc. Part.	-	-	-	-	-	70 %	1/4/01	SSY	Non Homogeneous		
1728017CPL Brown tile ; brn. mastic	123461	-	-	-	-	-	-	30 % NFM: Qtz, Carb, Binder, Opaq, Misc. Part.	-	-	-	-	-	70 %	1/4/01	SSY	Non Homogeneous		

JAN. 4. 2001 4:49PM R J LEE GROUP INC

Authorized Signature 
Date _____
Stephen S. Yata, Geologist
Friday, January 5, 2001

Samples received on: Thursday, January 4, 2001

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Bay Area Lab

530 McCormick Street
San Leandro, CA 94577
Page: 8 of 11

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Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101020

-----Asbestos-----Nonasbestos-----

Sample Number / Sample Appearance	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers	Fibers	Material	Run Date
1728018CPL Grey window putty	121156	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.												SSY Homogeneous
1728019CPL Tan window putty	121187	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.												SSY Homogeneous
1728020CPL Grey window putty	121213	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.												SSY Homogeneous
1728021CPL Black roofing cement	121195	-	-	-	-	-	-	-	-	-	-	-	96 %	1/4/01
		NFM: Qtz, Tar, Carb, Binder, Opaq, Misc. Part.												SSY Homogeneous

1728022CPL 121180

Sample Location Sample Not Analyzed

1728023CPL 121181

Sample Location Sample Not Analyzed

Samples received on: Thursday, January 4, 2001

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Bay Area Lab

530 McCormick Street
San Leandro, CA 94577

Page: 9 of 11

Authorized Signature

Date

Stephen S. Yata, Geologist

Friday, January 5, 2001

Phone (510) 567-0480

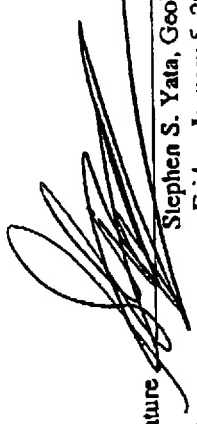
Fax (510) 567-0488

Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101020

Sample Number / Sample Appearance	Client Sample Number	Asbestos										Nonasbestos					NonFibrous Run Date
		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers	Fibers	Material	Analyst			
1728024CPL Black shingle	121157	-	-	-	-	-	-	60 %	-	-	-	-	40 %	1/4/01 SSY Homogeneous			
1728025CPL Black shingle	121184	-	-	-	-	-	-	60 %	-	-	-	-	40 %	1/4/01 SSY Homogeneous			
1728026CPL Black shingle	121182	-	-	-	-	-	-	60 %	-	-	-	-	40 %	1/4/01 SSY Homogeneous			
1728027CPL Tan putty	121189	-	-	-	-	-	-	<1 %	-	-	-	-	99+ %	1/4/01 SSY Homogeneous			
1728028CPL Tan putty	121173	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01 SSY Homogeneous			
1728029CPL Grey anti skid coating	121215	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01 SSY Homogeneous			

Authorized Signature  Date Friday, January 5, 2001

Stephen S. Yata, Geologist
Phone (510) 567-0480
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Samples received on: Thursday, January 4, 2001

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577
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Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101020

Sample Number / Sample Appearance	Client Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Asbestos					Nonasbestos					NonFibrous Run Date
									Mineral	Fibrous	Synthetic	Other	Fibers	Fibers	Material	Analyst			
1728030CPL Grey anti skid coating	121210	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Homogeneous	
NFM: Qtz, Carb, Binder, Opaq, Misc. Part.																			
1728031CPL Tan paper ; silver foil	121214	70 %	-	-	-	-	-	10 %	-	-	-	-	-	-	20 %	1/4/01	SSY	Non Homogeneous	
NFM: Qtz, Carb, Binder, Opaq, Other, Misc. Part.																			
Paper 70% Chrysotile ; Other Layer : None Detected																			
Layer Content:																			

Paper 70% Chrysotile ; Other Layer : None Detected

Samples received on: Thursday, January 4, 2001

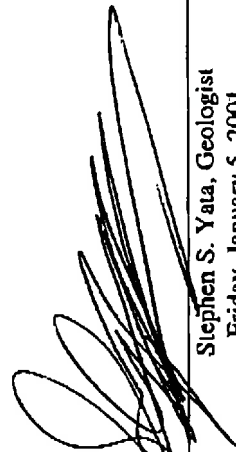
RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
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Page: 11 of 11

Authorized Signature

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Friday, January 5, 2001

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Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101027

JAN. 4. 2001 4:01PM

R J LEE GROUP INC

NO. 5025 P. 2/4

Sample Number / Sample Appearance	Client Sample Number	Asbestos										Nonasbestos										NonFibrous Run Date
		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Glass	Fibers	Fibers	Synthetic	Other	Material	Analyst						
1727963CPL Grey plaster	123477	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Homogeneous				
		NFM: Qtz, Carb, Binder, Opaq, Mica, Misc. Part.																				
1727964CPL Grey plaster	123337	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Homogeneous				
		NFM: Qtz, Carb, Binder, Opaq, Mica, Misc. Part.																				
1727965CPL Grye plaster ; wht. skim coat	123438	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Non Homogeneous				
		NFM: Qtz, Carb, Binder, Opaq, Misc. Part.																				
1727966CPL Grye plaster ; wht. skim coat	123472	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Non Homogeneous				
		NFM: Qtz, Carb, Binder, Opaq, Mica, Misc. Part.																				
1727967CPL Grey plaster	117643	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Homogeneous				
		NFM: Qtz, Carb, Opaq, Mica, Misc. Part.																				
1727968CPL Grey plaster ; wht. skim coat	117640	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	1/4/01	SSY	Non Homogeneous				
		NFM: Qtz, Carb, Opaq, Mica, Misc. Part.																				

Samples received on: Wednesday, January 3, 2001

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577

Page: 1 of 2

Authorized Signature

Stephen S. Yata, Geologist

Thursday, January 4, 2001

Date

Phone (510) 567-0480
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Test Report - RGA Environmental, Inc.

Polarized Light Microscopy Analysis Results

Project AOC101027

JAN. 4. 2001 4:01PM R J LEE GROUP INC NO. 5025 P. 3/4

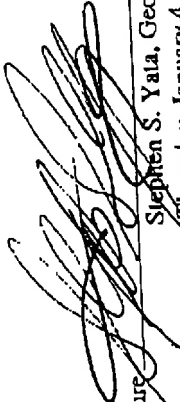
Sample Number / Sample Appearance	Client	Sample Number	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Nonasbestos				Run Date
											Mineral	Fibrous	Synthetic	Other	
1727969CPL	123468										Glass	Fibers	Fibers	Material	Analyst
Grey plaster; wht. skim coat														100 %	1/4/01
															SSY
															Non Homogeneous

NFM: Qtz, Carb, Opaq, Mica, Misc. Part.

Samples received on: Wednesday, January 3, 2001

RJ Lee Group, Inc.
Bay Area Lab

530 McCormick Street
San Leandro, CA 94577
Page: 2 of 2

Authorized Signature  Stephen S. Yata, Geologist
Date Thursday, January 4, 2001
Phone (510) 567-0480
Fax (510) 567-0488

AOC 10/020

Bulk Chain of Custody Form

RGA Environmental Inc.

4701 Doyle Street, Ste; 14, Emeryville, CA 94608, 510 547-7771

Project #: COAL6017

Building #: White cotton cottage

Turn Around Time: 8 hr ☐ Standard ☒

Building : San Leandro

First postive for each homogenous area.

Yes ☒ No ☐

Location

02-Jan-01

Homogenous Areas Sample Number

Check

001

Material Description Plaster on wood lath

121125

NW, upstairs corner room

121143

SW, upstairs corner room

123249

Downstairs living room, east wall in front of fire place

123446

Downstairs small room, NW corner

117639

Basement, small office

117651

Downstairs, NW room

123447

Downstairs, north middle room

003

Material Description Wall covering, cloth

123480

Upstairs west middle room

123479

Downstairs next to front door

117636

Downstairs hallway

004

Material Description Plaster on wire lath

123475

SW upstairs corner room

123465

Kitchen North wall

123466

Kitchen South wall

005

Material Description Pipe Insulation

123436

Radiator upstairs NE corner bathroom

006

Material Description Ceramic tile grout

123443

Bathroom upstairs, NE corner wall

123471

Bathroom upstairs, NE corner floor

007

Material Description Linoleum

123437

Upstairs, SE corner bathroom

Report any missing pages immediately. Include the material description with the sampling results. All analyses to be completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982).

Page Num: 1 of 4

17

17
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52

Homogenous Areas	Sample Number	Check
------------------	---------------	-------

008	Material Description	Blown Insulation	
-----	----------------------	------------------	--

	123439	Crawl space, SE upstairs corner room	☒
--	--------	--------------------------------------	-------------------------------------

009	Material Description	Plaster over button board	
-----	----------------------	---------------------------	--

	123462	Downstairs, NE corner room	☒
--	--------	----------------------------	-------------------------------------

	123463	Downstairs, NE corner bathroom	☒
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	123467	Downstairs, NE corner bathroom	☒
--	--------	--------------------------------	-------------------------------------

010	Material Description	12x12 floor tile, lightbrown w/ streaks, w/ mastic barrier	
-----	----------------------	--	--

	117622	Downstairs hallway, Northside	☒
--	--------	-------------------------------	-------------------------------------

	117628	Kitchen	☒
--	--------	---------	-------------------------------------

011	Material Description	12x12 floor tile, light brown streaks, w/ mastic/barrier	
-----	----------------------	--	--

	117626	NE corner downstairs room	☒
--	--------	---------------------------	-------------------------------------

	117642	NE corner downstairs room	☒
--	--------	---------------------------	-------------------------------------

012	Material Description	12x12 floor tile, white w/ blue spots, w/ mastic barrier	
-----	----------------------	--	--

	117631	Downstairs kitchen	☒
--	--------	--------------------	-------------------------------------

	117624	Downstairs kitchen	☒
--	--------	--------------------	-------------------------------------

013	Material Description	Basecove, light brown	
-----	----------------------	-----------------------	--

	117629	Kitchen	☒
--	--------	---------	-------------------------------------

	117625	Kitchen	☒
--	--------	---------	-------------------------------------

014	Material Description	Base covering	
-----	----------------------	---------------	--

	117627	Bathroom, SE corner of kitchen	☒
--	--------	--------------------------------	-------------------------------------

015	Material Description	12x12 patch tiles, Mud room	
-----	----------------------	-----------------------------	--

	117646	Mudroom	☒
--	--------	---------	-------------------------------------

	117635	Mudroom	☒
--	--------	---------	-------------------------------------

	117630	Mudroom	☒
--	--------	---------	-------------------------------------

016	Material Description	Black and gold floor tile	
-----	----------------------	---------------------------	--

	117658	Downstairs, SE corner room	☒
--	--------	----------------------------	-------------------------------------

	117647	Downstairs, SE corner room	☒
--	--------	----------------------------	-------------------------------------

Report any missing pages immediately. Include the material description with the sampling results. All analyses to be completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982).

Homogenous Areas		Sample Number	Check
017		117645 Downstairs South middle room	☒
	Material Description	Pipe wrap, canvas	
018		117648 Basement, SE corner, near exit	☒
	Material Description	Carpet pad mastic	
019		117650 Downstairs, large office room	☒
		117641 Downstairs, large office room	☒
	Material Description	Basecove, 4" dark brown	
020		117638 Large office, basement	☒
		117623 Large office, basement	☒
	Material Description	Plaster over concrete	
021		117634 Downstairs, large office	☒
		117633 Downstairs, large office	☒
		117632 Downstairs, small office	☒
	Material Description	Vapor barrier	
022		123375 Behind plywood, living room, SE wall	☒
	Material Description	Basecove, 4" and mastic	
023		123448 Sunroom, SW, downstairs corner	☒
	Material Description	Tile floor	
024		123445 Checkerboard floortile, sunroom, SW corner	☒
		123461 Checkerboard floortile, sunroom, SW corner	☒
	Material Description	Window putty	
025		121156 NW turret	☒
		121187 Kitchen window, over sink	☒
		121213 SE corner, sunroom	☒
	Material Description	Roofing cement	
		121195 Chimney	☒
		121180 Skylight	☒

Report any missing pages immediately. Include the material description with the sampling results. All analyses to be completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982).

Homogenous Areas Sample Number		Check
026	121181 At pipe penetration	☒
	Material Description Roofing shingles	
027	121157 SE corner at ladder	☒
	121184 East roof (top)	
	121182 North peak	
	Material Description Skylight putty	
028	121189 Skylight	☒
	121173 Skylight	
	Material Description Anti-skid coating	
029	121215 Front porch	☒
	121210 Front porch	
	Material Description Light fixture paper	
	121214 2nd floor, SW room	☒

Contact Person for these samples is:

Ken Pilgrim / Bill McIlhatten

Samples Relinquished by:

Johanne Tenna

Date:

1/2/00

Samples Received by:

Ben Schuyler

Date:

01-02-01

5:00P

Notes:

Report any missing pages immediately. Include the material description with the sampling results. All analyses to be completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982).

AOC101027**Bulk Chain of Custody Form**

RGA Environmental Inc.

4701 Bayle Street, Ste. 14, Emeryville, CA 94608, 510 541-7771

Project #: COAL6017

Building #: White cotton cottage

Building : San Leandro

Location

Turn Around Time: 8 hr ☐ Standard ☒First positive for each homogenous area. Yes ☒ No ☐

02-Jan-01

Homogenous Areas Sample Number Check

002 Material Description Plaster on wood lath

123477 NW, upstairs corner room

123337 West upstairs middle room

123438 East upstairs middle bathroom

123472 Downstairs, NW corner by radiator

117643 Living room wall

117640 Downstairs North hallway

123468 Downstairs kitchen steps

003 Material Description Wall covering, cloth

123480 Upstairs west middle room

123479 Downstairs next to front door

117636 Downstairs hallway

004 Material Description Plaster on wire lath

123475 SW upstairs corner room

123465 Kitchen North wall

123466 Kitchen South wall

005 Material Description Pipe Insulation

123436 Radiator upstairs NE corner bathroom

006 Material Description Ceramic tile grout

123443 Bathroom upstairs, NE corner wall

123471 Bathroom upstairs, NE corner floor

007 Material Description Linoleum

123437 Upstairs, SE corner bathroom

Report any missing pages immediately. Include the material description with the sampling results. All analyses to be completed by Polarized Light Microscopy (PLM) following EPA Interim method (EPA-600/M4-82-020, Dec 1982).

350 Hochberg Road Monroeville, PA 15146
Phone (724) 325-1776 Fax (724) 733-1799

LABORATORY REPORT

RGA Environmental
4701 Doyle Street, Suite 14
Emeryville, CA 94608
Attention: Gene Spector
(510) 547-7771 FAX: (510) 547-1983

RJ Lee Group Job No.: ACC101506
Samples Received: 4-Jan-01
Report Date: 4-Jan-01
Client Project: COAL 6017
White Cotton Cottage
Sampling Date: 28-Dec-00

Analysis: Lead in Paint
Method: EPA SW846-7420 ---- FLAA

Sample Identification		Lead	
Client	RJ Lee Group	Weight Percent	Parts per Million
123473	0310237	11.5	115,000
123460	0310238	3.33	33,300
123444	0310239	0.137	1,370
117637	0310240	14.9	149,000
121177	0310241	30.4	304,000
121183	0310242	28.8	288,000
121194	0310243	31.0	310,000
121196	0310244	0.244	2,440
121216	0310245	30.4	304,000

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any samples.

☐ S. Paul Cohen, Laboratory Manager
☐ Brandon J. Miller, Assistant Scientist
☐ Ryan B. Walters, Assistant Scientist

☒ Kimberly S. DiNatale, Scientist
☐ Philip Grindle, Supervisor
☐ Melisa Varner, Assistant Scientist

☐ ☐
Alan M. Levine, Manager

Please direct inquiries to Brandon J. Miller in Client Services.

Authorized Signature 
Date 1/4/01

ACC101506

RGA Environmental, Inc. : 4701 Doyle St., Ste. 14 : Emeryville, CA 94608 : (510) 547-7771 Fax (510) 547-1983

LEAD-BASED PAINT SAMPLES JOB # COAL 6017BLDG NAME OR # White Cotton CottageDATE 12/20/01PROJECT MGR Steff SteinerPAGE 1 OF 1

SAMPLE #	COMPONENT/LOCATION	COLOR/SUBSTRATE	GOOD	CRACKED/ EST. QUAN.	STRATIFIED/ EST. QUAN.
123473	upstairs, south west, corner interior window frame	pink / Wood	☒	☐	☒

COMMENTS:

123460	door frame paint, main door, north west corner	gray / Wood	☐	☒	☐
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COMMENTS:

123444	wall, downstairs, middle room north.	pink / Plaster	☐	☐	☒
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COMMENTS:

117687	downstairs, bathroom off kitchen wall	white / Wood	☐	☐	☐
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COMMENTS:

121177	exterior window of kitchen	white / Wood	☐	☐	☐
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COMMENTS:

121183	shingle paint, northeast corner Exterior	white / Wood	☐	☐	☐
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COMMENTS:

121184	south son room door threshold - exterior	white / Wood	☐	☐	☐
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COMMENTS:

121196	black, roof ladder	black / Metal	☐	☐	☐
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COMMENTS:

121216	Interior wall / Kitchen	white / Plaster	☐	☐	☐
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COMMENTS:

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COMMENTS:



0310237

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COMMENTS:



0310245

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COMMENTS:

--	--	--	--	--	--

COMMENTS:

Free 1/4/01 10:00
Bm
 01-02-01

Relinquished by:

Date & Time:

Relinquished to:

Date & Time:

Mr. Pth

11/2/2001 1603

MONA

11/3/01

2:30 PM

APPENDIX C

SITE INSPECTOR CERTIFICATES

State of California
Division of Occupational Safety and Health

Certified Asbestos Consultant

Kenneth M. Pilgrim



Name

Certification No. **97-2267**

Expires on **10/15/2001**

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 Health Services
**Lead-Related Construction
Interim Certificate**

Kenneth M. Pilgrim

**Project Monitor
M-1105 (Exp. 09/22/01)**



State of California
Division of Occupational Safety and Health

Certified Site Surveillance Technician
William H McElhattan

Name

99-2791

Certification No. **77262001**

Expires on

This certificate was issued by the Division of
Occupational Safety and Health as authorized by
Section 7106 of title 8 of the California and
Professional Code.



State of California
Division of Occupational Safety and Health

Certified Asbestos Consultant

Steffen Paul Steiner

Name

Certification No. **92-0850**

Expires on **1/8/2002**

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

