

Ms. Lisa Walldetz
City of Los Angeles Department of Recreations and Parks
221 North Figueroa Street, Suite 400
Los Angeles, California 90012

Submitted electronically: lisa.walldez@lacity.org

Subject:
Asbestos-Containing Material Abatement
Oversight and Air Monitoring Services
Encino Balboa Golf – Restaurant
16821 Burbank Boulevard
Encino, California 91436

Dear Ms. Walldetz:

Arcadis U.S., Inc. (Arcadis) provided project oversight and air sampling services during the asbestos abatement activities at the above-referenced site for the City of Los Angeles (LA) Department of Recreations and Parks (RAP). The abatement work area encompassed the Attic Space within the Restaurant of the Encino Balboa Golf Property at the above referenced address.

LA RAP requested that Arcadis perform the abatement oversight and air sampling under the terms and conditions of the signed Contract No. 3745 between Arcadis and LA RAP, and the Notice to Proceed dated February 16, 2021. The abatement project was conducted in three shifts from March 1, 2021 to March 3, 2021.

Please find the following appendices provided as supporting documentation of the abatement activities.

- Appendix A – Abatement Contractor Regulatory Notifications
- Appendix B – Inspector Certifications
- Appendix C – Daily Field Report and Project Documents
- Appendix D – Sample Location Diagrams
- Appendix E – Asbestos Air Laboratory Analytical Results

Arcadis U.S., Inc.
320 Commerce
Suite 200
Irvine
California 92656
Tel 714 730 9052
Fax 714 730 9345
www.arcadis.com

ENVIRONMENT

Date:
March 8, 2021

Contact:
Gretchen Kunze-Fahrney

Phone:
909.615.7651

Email:
Gretchen.Kunze-
Fahrney@arcadis.com

Our ref:
30081758

ASBESTOS ABATEMENT

Asbestos abatement services were performed by Resource Environmental, Inc. (Resource) under direct contract with LA RAP. The abatement contractor's asbestos regulatory notifications are provided in **Appendix A**. The following asbestos containing-materials were abated from the Attic within the site:

- Approximately 700 Square Feet (SF) of Non-ACM White Drywall
- Approximately 700 SF of ACM White Joint Compound associated with the White Drywall
- Approximately 20 SF of ACM White Debris
- Approximately 15 SF of White Thermal Systems Insulation (TSI) Pipe Elbow

Onsite monitoring, observations, and air sampling was performed by Mr. David Mo, with Arcadis. Mr. Mo is a State of California Department of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST), No.: 17-5973. Mr. Mo conducted this work under the supervision of Mrs. Gretchen Kunze-Fahrney, a DOSH Certified Asbestos Consultant (CAC), No.: 03-3270. Copies of appropriate qualifications are provided in **Appendix B**.

Arcadis conducted final visual inspections to document that the asbestos-containing materials had been removed from the work area. Daily field reports of project monitoring, observations, and documentation, are provided in **Appendix C**.

Perimeter asbestos air samples were collected during abatement using a battery-operated low-flow personal sampling pumps with 25-mm conductive cowl cassette and flexible tubing. Sampling pumps were set in locations adjacent to the work area. The sampling pumps were calibrated using a secondary standard calibration tool, which was calibrated against the primary standard. The air samples for asbestos were analyzed via National Institute of Occupational Safety and Health (NIOSH) Method 7400. Perimeter air sampling was reported less than or equal to 0.1 fibers per cubic centimeter of air (f/cc), which is the Occupational Safety and Health Administration's Permissible Exposure Limit. Sample locations for the asbestos air samples collected are provided in **Appendix D**.

ASBESTOS ABATEMENT CLEARANCE

Upon completion of asbestos abatement and detailed cleaning activities in the work areas, Arcadis performed visual inspections to ensure that no suspect visible asbestos-containing debris remained and that the work areas were clean and dry. Arcadis also made certain that the abated materials were appropriately containerized and labeled for shipment to an accepted waste management reclamation facility.

Subsequent to the successful final visual inspections in the asbestos removal work areas, post-abatement clearance asbestos air samples were collected inside containment and were analyzed via NIOSH Method 7400. The containment work areas were deemed complete when the asbestos air samples were reported less than or equal to 0.01 f/cc of air, which is the United States Environmental Protection Agency (U.S. EPA) post-abatement clearance criterion. Analytical data for the asbestos air samples collected are provided in **Appendix E**.

Ms. Lisa Waldez
City of Los Angeles Department of Recreations and Parks
March 8, 2021

CONCLUSIONS

Based on the visual inspection and results of the asbestos air sampling, Arcadis has determined that the asbestos abatement as described in this report was completed per the scope of work, clearance criteria, and in general accordance with applicable federal, state, and local asbestos regulations.

Please do not hesitate to call if you have questions regarding the results of this Closeout Report, or if you require additional information.

Sincerely,

Arcadis U.S., Inc.



Gretchen Kunze-Fahrney
Senior Scientist
DOSH Certified Asbestos Consultant No.: 03-3270

Appendices:

- A Abatement Contractor Project Documents
- B Inspector Certifications
- C Daily Field Report and Project Documents
- D Sample Location Diagrams
- E Asbestos Air Laboratory Analytical Results

APPENDIX A

Abatement Contractor Regulatory Notifications



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4182
 Phone: (909) 396-2336
 www.aqmd.gov

Facility ID
152830

Notification Number
642897

Rule 1403 Notification of Procedure 5 Asbestos Removal

Please maintain a copy of this Notification at the job site, either electronic or paper.

Project Type

Project Type	Asbestos Removal	Project Urgency	Routine
Origin Date	2/12/2021 2:04:25 PM		
Approved By	Christopher Ravenstein	Date	2/25/2021
Completed By	mia hynds	Phone Number	(562) 468-7000
User Email	mia@resource-env.com		

Contractor Information

Company Name	RESOURCE ENVIRONMENTAL	Address	6634 SCHILLING AVE
City	LONG BEACH	State	CA
Zip	90805		
CSLB License #	864417	OSHA REG #	910
Supervisor #1	Armando Hernandez	Phone	(562) 405-9129
Supervisor #2	Armando Hernandez Jr.	Phone	(562) 215-6089
Supervisor #3	Jose A Garcia	Phone	(562) 292-8462
Supervisor #4	Juan Belmont	Phone	(310) 528-5054
Supervisor #5	Manuel Gutierrez	Phone	(323) 496-6431
Supervisor #6	Marcos Cortes	Phone	(510) 306-4965
Supervisor #7	Mario Medina	Phone	(562) 702-8493
Supervisor #8	Miguel Barrera	Phone	(562) 972-6203
Supervisor #9	Sigi Hernandez	Phone	(714) 309-8020
Supervisor #10	Valentin Rosas	Phone	(562) 455-7548
Supervisor #11	Benjamin Serrano	Phone	(562) 292-2238

Site Information

Site Name	Encino-Balboa Golf Restaurant	Project #	RE21-028
Site Street #	16821	Street Name	BURBANK BLVD
Cross Street	BALBOA BLVD	Site County	LOS ANGELES
City	ENCINO	State	CA
Zip	91436		
Contact Name	DAVE ROMERO	Contact Phone	(213)202-2667
Site Owner	CITY OF LOS ANGELES RECREATION AND PARKS	Owner Address	221 N. FIGUEROA ST
City	LOS ANGELES	State	CA
Zip	90012		
Project Start Date	3/1/2021	Project End Date	3/3/2021

SHARE EDIT DELETE

Project Work Shift(s)	Da			00
Number of Floors	1		Building Age (years)	45
Number of Building/Dwelling Units	1		Building Prior Use	Commercial
Asbestos Survey	Yes		Asbestos Found	Yes
Asbestos Removed	No		Building to be Demolished	No
Describe Work	clean up damaged drywall and associated debris		Describe Work Location	attic above kitchen

Project Information

Asbestos Information

Amount of Asbestos in each type in Sq.Ft

Acoustic Ceiling	0	Linoleum	0	Insulation	0	Fire Proofing	0
Ducting	0	Dry Wall	700	HEPA Vacuum & wet wipe	840	Debris	20
Contents/Possessions	0	Carpet and/or Padding	0	Mastic (Non-friable)	0	Floor Tiles (Non-friable)	0
Transite	0	Roofing	0	Stucco	0	Plaster	0
Other (Friable)	0	Coal Tar Wrap	0	Mastic (Friable)	0	Floor Tile (Friable)	0
Other (Non-friable)	0	Contaminated Soil	0				

Asbestos Amount to be Removed in Sq.Ft

FRIABLE	1560
CLASS I	0
CLASS II	0
Total	1560

Asbestos Removal From	Surfaces	Control Procedures	5
Asbestos Detection Procedure(s)	Survey		

Survey Information

Certified Asbestos Inspector Name	Gretchen Kunze-Fahrney	Certification Expiration Date	3/20/2021 12:00:00 AM
Survey Plan Date	1/19/2021 12:00:00 AM	Phone Number	(909)615-7651
Email	gretchen.kunze-fahrney@arcadis.com		

Waste Information

Waste Transporter	ECTI		
Address	953 WEST REECE STREET	City	SAN BERNARDINO
State	CA	Zip	92411
Landfill	La Paz County Landfill		
Address	26999 Highway 95, Mile Post 128	City	Parker
State	AZ	Zip	95344

Fee Payment

CPI Increase

- Due to COVID-19, the South Coast AQMD Governing Board voted to credit back the FY 2020-21 CPI-based increase of 2.8%.



Original 02/26/21 Revision #

Temporary Worksite Notification for Asbestos-Related Work

Company/Employer Name Resource Environmental, Inc.

Headquarters Address: 13100 Alondra Bl suite # 108, Cerritos CA 90703
Office: (562) 468-7000 Fax: (562) 468-0600
Email: resource@resource-env.com

Contractors State License Board License Number: 864417 B, C21, ASB

DOSH Asbestos Registration Number: 910

Address of Temporary Worksite and Precise Location: _____
16821 BURBANK BL, ENCINO CA 91436

Nearest intersection: BALBOA BL

Type of Business: COMMERCIAL
Name of the Certified Supervisor (Competent Person): Sigi Hernandez, Mario Medina, Jose Garcia, Juan Belmont, Armando Hernandez, Miguel Barrera, Benjamin Serrano, Valentin Rosas, Josue Soriano

Name of the Qualified Person in charge of air monitoring, laboratory work, and respirators: Sigi Hernandez, Mario Medina, Jose Garcia, Juan Belmont, Armando Hernandez, Miguel Barrera, Benjamin Serrano, Valentin Rosas, Josue Soriano

Name of Certified Asbestos Consultant (if any): None

Projected job starting date: 03/01/21 Projected completion date: 03/03/21

Describe Scope/Type: Describe type, scope and work practices of job: CLEAN UP DAMAGED 700SQFT DRYWALL AND 20SQFT ASSOCIATED DEBRIS IN ATTIC ABOVE KITCHEN.

Work Practice: All asbestos shall be removed wet, in small sections and cleaned up promptly; engineering controls such as local exhaust ventilation operated to capture particulate asbestos materials shall be used; project personnel will wear protective clothing and respiratory protection equipped with HEPA filters.

Evaluation of potential for exposure: Low

Estimated number of employees on this job: Asbestos Certified Supervisor and Asbestos certified Workers--numbers to be determined.

Prior to the start of each job or phase of asbestos-related work requiring the employer or contractor to be registered, Section 341.9 of the California Code of Regulations (8 CCR 341.9) requires notifications to the nearest DOSH District Office. Do not send this notification to DOSH Headquarters or to DOSH Consultation. This will not satisfy the notification requirement and could result in citation.

Note: Any change in the information provided to the district office by the written notice shall be reported to the district office within 24 hours of such change.

APPENDIX B

Inspector Certifications



Appendix B - Inspector's Qualifications

Inspector	Gretchen Kunze-Fahrney
Certification	Certified Asbestos Consultant
Certified By	State of California - Division of Occupational Safety and Health
Certification Number	03-3270
Expiration Date	March 20, 2022



Inspector	David J. Mo
Certification	Certified Site Surveillance Technician
Certified By	State of California - Division of Occupational Safety and Health
Certification Number	17-5973
Expiration Date	November 14, 2021




APPENDIX C


Daily Field Report and Project Documents



DAILY REPORT

Client: LA RAP		Property ID: Encino Balboa Golf Restaurant		Date: 3/01/2021	Time on Site: 0700
Project Name: Encino Balboa Golf Restaurant – ACM Abatement Oversight			Project Number: 30081758		Phase No. 1 of 1
Project Location: 16821 Burbank Boulevard, Encino CA 91436					Shift No. 1 of 3
Title	Name	Accreditation #	Expiration	# of workers: 4 Supervisor: 1 Workers: 3 # Waste bags Used: N/A # PCM Air Samples: N/A Blank: Ambient: Clearance:	
CSST	David Mo	17-5973	11/14/2021		
0700 – David Mo, with Arcadis, arrives on-site and meets with Sergio Gonzalez (LA RAP) and Mario Medina (Resource). Today's scope of work will be to (1) begin containment setup and (2) begin ACM abatement in Attic if time permits.					
0715 – Crew begins mobilizing equipment into work area and begin task (1).					
0830 – Crew continues task (1).					
0930 – Crew continues task (1). Crew has completed containment setup and critical walls within the Bar Area adjacent to the Dining Room.					
1000 - 1100 – Crew breaks for lunch.					
1110 – Crew continues containment setup, task (1), inside Attic.					
1300 – Crew has nearly completed walls, floor, and ceiling setup in Attic. Crew continues wrapping unmovable items (e.g., HVAC ducts).					
1500 – Crew has completed containment setup 100%. Arcadis conducts pre-abatement visual; passes. Crew will begin ACM abatement on following shift (3/02/21). Arcadis leaves the site.					
----- END OF REPORT -----					
Signature: 				# hrs. on site: 8.0 hrs.	

DAILY REPORT

Client: LA RAP		Property ID: Encino Balboa Golf Restaurant		Date: 3/02/2021	Time on Site: 0700
Project Name: Encino Balboa Golf Restaurant – ACM Abatement Oversight			Project Number: 30081758		Phase No. 1 of 1
Project Location: 16821 Burbank Boulevard, Encino CA 91436					Shift No. 2 of 3
Title	Name	Accreditation #	Expiration	# of workers: 3 Supervisor: 1 Workers: 2 # Waste bags Used: 33 # PCM Air Samples: 5 Blank: 2 Ambient: 3 Clearance: N/A	
CSST	David Mo	17-5973	11/14/2021		
0700 – David Mo, with Arcadis, arrives on-site and meets with Sergio Gonzalez (LA RAP) and Mario Medina (Resource). Today’s scope of work will be to (1) begin ACM abatement in Attic.					
0715 – Crew begins mobilizing equipment into work area and begins task (2). Containment is intact, negative air machine is intact, and decon chamber is intact. Arcadis sets up perimeter asbestos air samples.					
0830 – Crew continues task (2).					
0930 – Crew continues task (2).					
1100 - 1200 – Crew breaks for lunch.					
1210 – Crew continues task (2). Containment intact, negative air machine and flex intact, no issues with containment.					
1300 – Crew has completed abatement scope. Arcadis conducts post-abatement visual; passes. Crew begins applying encapsulant and loading waste bags into truck.					
1330 – Encapsulation and bag-out have been completed. Arcadis collects perimeter asbestos air samples and reads on site via NIOSH 7400 Method.					
1400 – All perimeter air samples below 0.01 f/cc. Clearance samples will be collected on following shift (3/03/21). Arcadis leaves the site.					
----- END OF REPORT -----					
Signature: 				# hrs. on site: 8.0 hrs.	

PRE-ABATEMENT WORK AREA CHECKLIST

Project Number: 30081758 **Client:** LA RAP **Date:** 3/2/2021
Building/Location Name: Encino Balboa Golf / Restaurant **Project Address:** 16821 Burbank Blvd., Encino, CA 91436

SCOPE OF WORK: Remove approximately (1) 700 SF of ACM White Joint Compound associated with Non-ACM White Drywall, 20 SF of White ACM Debris, and 15 SF of White TSI Pipe Elbow within the Attic of the Encino Balboa Golf Restaurant.

HA #	Material Type/Description	Location of Removal / Repair / Disturbance	Planned Quantity of Removal / Repair / Disturbance
5	Non-ACM White Drywall	Attic	700 SF
6	ACM White Joint Compound associated with HA-5	Attic	700 SF
7	ACM White Debris	Attic	20 SF
8	White TSI Pipe Elbow	Attic	15 SF

WORK AREA ISOLATION:

Decontamination Chamber: 1-Stage 2-Stage 3-Stage **Proper Airlocks:** Yes No
Utility Shutdown: HVAC System Electricity Gas **Other:** Critical barriers on all air registers
Pre-Cleaning of Surfaces: Yes No NA **If No or NA, Describe Why:** _____
Barrier Tape Used to Designate Work Area: Yes No **OSHA and State Signage:** Yes No
Critical Barriers: Yes No Doors/Windows Vents/HVAC Floor **Other:** _____
Layers of Poly for Containment: 1 Walls 2 Floors 1 Ceiling 1 Unmovable Equipment
If No Containment, Describe Isolation Controls: _____
Negative Pressure Required: Yes No **Number of AFUs Installed in Work Area:** 2 x 2,000 CFM **Backup Available:** Yes No

HYGIENE FACILITIES:

Shower Functional: Yes No NA **If No or NA, Describe Hygiene Facilities:** _____
Hygiene Facilities Clean and Sanitary: Yes No **Adequate Amount of Towels, Soap, etc.:** Yes No
Shower Has Separate Hot and Cold Water: Yes No **Shower Drain Has Proper 5 µM Filter:** Yes No
Describe Hygiene Facilities Other Than Shower/Decontamination Chamber:

Building Restroom

ABATEMENT PERSONNEL AND PERSONAL PROTECTIVE EQUIPMENT

Contractor: training, licenses, NEA, medical records, and SDSs on-site? Yes No **Records Reviewed:** Yes No
NIOSH Approved Respirators: Yes No **If No, Describe Why:** _____
Type of Respirator: Half-Face APR **Dual Use Cartridges:** Yes No **If Yes, Type:** _____
Type of Coveralls: Disposable or Launderable **Head Covering and Foot/Shoe Coverlets:** Yes No
Other Types of PPE Required: Steel-toe boots, Gloves, Safety Glasses

METHOD OF REMOVAL

Describe the method of removal, including specific tools used, special equipment such as glovebags, a Blastrac, Infra-red machines, bead blaster, Peel-A-Away, etc.

Hand-method, hammers, crowbars, HEPA vacuum

Describe work engineering control practices that will be used during the removal process:

Wet method, HEPA vacuum, negative pressure enclosure

Glovebags Used for Project: Yes No G-bags Negative Pressure Supplied by: HEPA Vacuum HEPA AFU
 Each G-bag Smoke Tested: Yes No Drop Cloth Used: Yes No 2 Workers per G-bag: Yes No
 More Than One G-bag Combined to Make a Larger G-bag: Yes No


ADDITIONAL COMMENTS (Attach Abatement Work Area Figure)

PRE-ABATEMENT INSPECTION OF WORK AREA: **PASS** **FAIL**

Corrective Actions Requested Prior to Approval:

N/A

APPROVAL: [required]

Arcadis IH Representative: David Mo  3/2/2021
 Name Signature [click icon to insert image]

ABATEMENT DAILY WORK PRACTICE OBSERVATIONS

Project Number: 30081758 **Client:** LA RAP **Date:** 3/2/2021
Building/Location Name: Encino Balboa Golf / Restaurant **Project Address:** 16821 Burbank Blvd., Encino, CA 91436

Specific Work Area Location: Attic

Type:	Non-ACM White Gypsum Board	Quantity of Material to be Removed:	~700 SF
	ACM White Joint Compound		~700 SF
	ACM White Debris		~20 SF
	ACM White TSI Pipe Elbow		~15 SF

Daily Monitoring Inspection (NPE = Negative Pressure Enclosure; AFU = Air Filtration Unit)

NPE, Glovebags or Other Containment System Intact: Yes No **If No, Describe:** _____

NPE / Glovebag Smoke Tested: Yes No **If Deficiency, Describe Corrective Action:** _____

AFUs Functioning Properly: Yes No **If No, Describe:** _____

Appropriate Number of AFUs Functioning in Work Area: Yes No **Number of AFUs in Work Area:** 2

Manometer Functioning Property: Yes No **If No, Describe:** _____

Daily Observations (HEPA = High Efficiency Particulate Air; PPE = Personal Protective Equipment)

Wet Methods Used: Yes No **Amended Water Used:** Yes No **HEPA Vacuums Used:** Yes No

Waste Bagged While Wet: Yes No **Bags Properly Labeled:** Yes No **Bags Double Bagged:** Yes No

Waste Bags Stored at Work Area: Yes No **Storage Location of Waste Bags:** _____

Workers Using PPE at All Times: Yes No **If No, Describe:** _____

Smoking, Eating, Drinking, Chewing Tobacco, or Applying Cosmetics in Work Area: Yes No

Workers Utilizing Hygiene Facilities: Yes No **If No, Describe:** _____

Describe Any Deficiencies Observed During Work Shift: N/A

FINAL DAILY OBSERVATIONS

All ACM/Lead/Microbial Contamination Removed as Part of the Scope of Work: Yes No **If No, Why:** _____


Any Remaining ACM/Lead/Microbial Contamination Within the Work Area: Yes No **If Yes, Why:** _____

Total Number of Bags/Drums of Waste Generated for the Shift: **# of Bags** 33

Work Area Sealed and/or Secured at End of Shift: Yes No NA **AFUs Remaining Operational:** Yes No NA

Hygiene Facilities and Areas Outside Work Area Clean and Free of Clutter: Yes No

APPROVAL: [required]

Arcadis IH Representative: David Mo  3/2/2021

Name Signature [click icon to insert image] Date

ABATEMENT MONITORING FINAL INSPECTION

Project Number: 30081758 **Client:** LA RAP **Date:** 3/2/2021
Building/Location Name: Encino Balboa Golf / Restaurant **Project Address:** 16821 Burbank Blvd., Encino, CA 91436

SCOPE OF WORK: Remove approximately (1) 700 SF of ACM White Joint Compound associated with Non-ACM White Drywall, 20 SF of White ACM Debris, and 15 SF of White TSI Pipe Elbow within the Attic of the Encino Balboa Golf Restaurant.

HA #	Material Type/Description	Describe any deviation from original SOW	Remaining Quantity of HA in Place
5	Non-ACM White Drywall	No	>100 SF (in non-work related areas)
6	ACM White Joint Compound associated with HA-5	No	>100 SF (in non-work related areas)
7	ACM White Debris	No	0
8	White TSI Pipe Elbow	No	0

FINAL VISUAL INSPECTION: [check one]

Visible Debris: Pass Fail **If No, describe why:** _____
Settle Dust: Pass Fail **If No, describe why:** _____
Work Area Dry: Pass Fail **If No, describe why:** _____
Corrective Actions Requested: N/A

Work Area Final Inspection: Pass Fail

SEALANT: [check one]


If sealant a different color from substrate? Yes No **If No, describe why:** _____
Are all exposed surfaces coated? Yes No **If No, describe why:** _____

FINAL CLEARANCE SAMPLING


Asbestos

Clearance Criteria: EPA **State Specific:** CA **Specifications:** _____
Describe Protocol: NIOSH 7400
Clearance Level: ≤0.01 f/cc ≤70 str/mm² <0.1 f/cc **Other:** _____
Aggressive: Yes No **Boxfans:** Yes No **Number:** N/A **Leafblower:** Yes No
Number of Samples Inside Containment: 2 **Number of Samples Outside Containment:** 3

APPROVAL: [required]

Arcadis IH Representative: David Mo  3/3/2021
Name Signature [click icon to insert image] Date

DAILY REPORT

Client: LA RAP		Property ID: Encino Balboa Golf Restaurant		Date: 3/03/2021	Time on Site: 0700
Project Name: Encino Balboa Golf Restaurant – ACM Abatement Oversight			Project Number: 30081758		Phase No. 1 of 1
Project Location: 16821 Burbank Boulevard, Encino CA 91436					Shift No. 3 of 3
Title	Name	Accreditation #	Expiration	# of workers: 2 Supervisor: 1 Workers: 1 # Waste bags Used: N/A # PCM Air Samples: 4 Blank: 2 Ambient: N/A Clearance: 2	
CSST	David Mo	17-5973	11/14/2021		
0700 – David Mo, with Arcadis, arrives on-site and meets with Sergio Gonzalez (LA RAP) and Mario Medina (Resource). Today's scope of work will be to (1) run clearance asbestos air samples inside containment.					
0730 – Containment is intact, negative air machine is intact, and decon chamber is intact. Arcadis sets up clearance asbestos air samples.					
0900 – Clearance volume has been collected. Arcadis collects the clearance asbestos air samples and reads on site via NIOSH 7400 Method.					
0940 – Clearances have been achieved, both air samples below 0.01 f/cc. Arcadis notifies Resource of results. Resource will be leaving containment intact in the bar area (below the attic) to use for dust control during build-back.					
1000 – Arcadis leaves site.					
----- END OF REPORT -----					
Signature: 				# hrs. on site: 3.0 hrs.	

APPENDIX D

Sample Location Diagrams



Asbestos Air Sample Locations Figure

City of Los Angeles Department of Recreations and Parks
Encino Balboa Golf – Restaurant
16821 Burbank Boulevard, Encino, California 91436



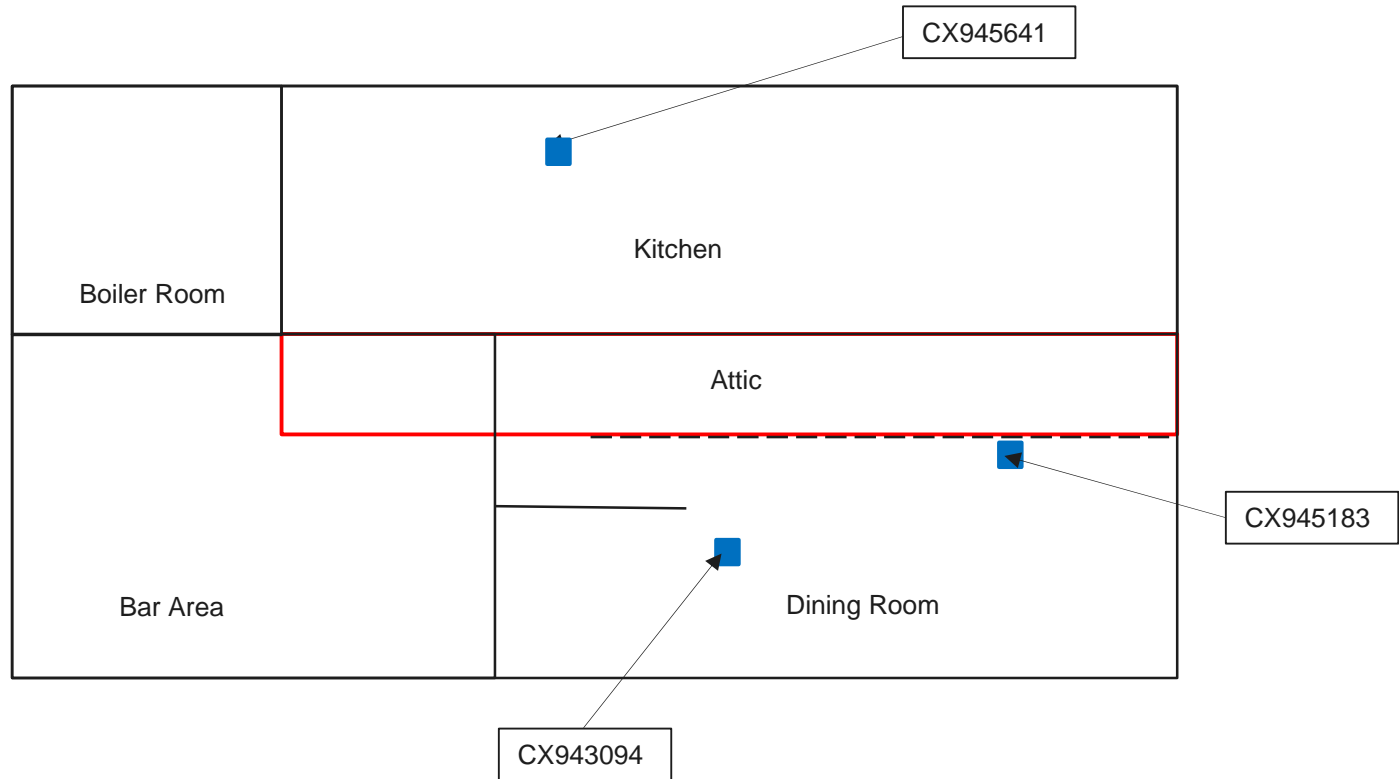
Legend

 Work Area





Asbestos Air Sample Locations Figure

City of Los Angeles Department of Recreations and Parks
Encino Balboa Golf Restaurant – Attic
16821 Burbank Boulevard, Encino, California 91436



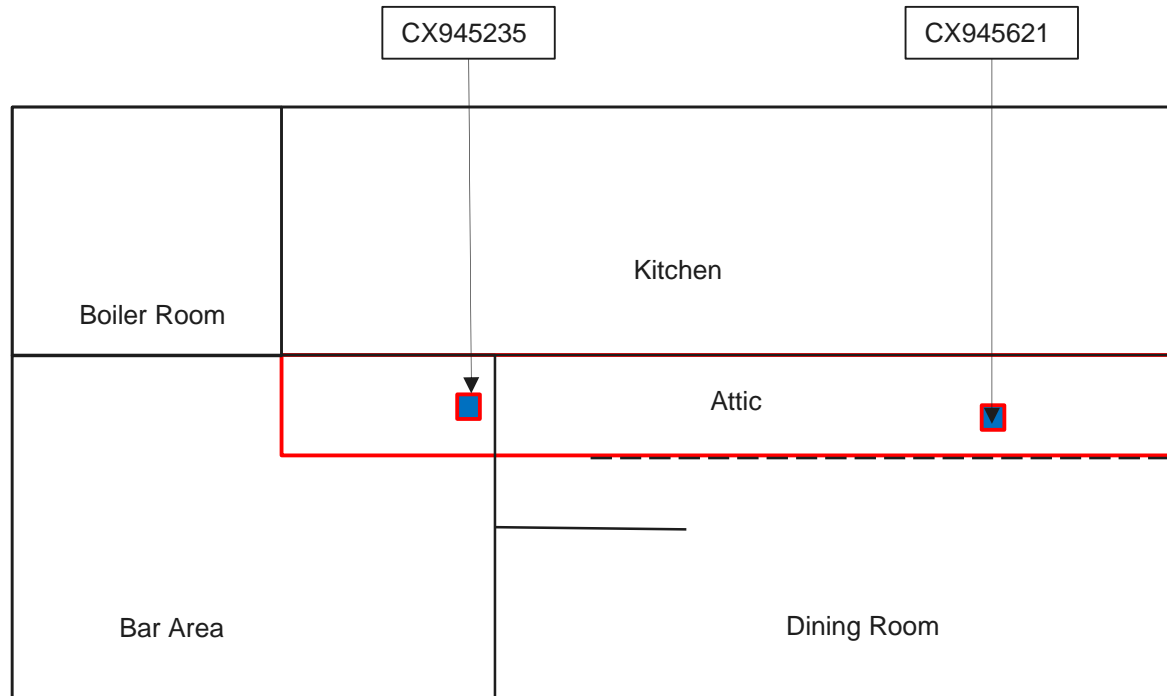
Legend

-  Work Area
-  Perimeter Asbestos Air Samples





Asbestos Air Sample Locations Figure

City of Los Angeles Department of Recreations and Parks
Encino Balboa Golf Restaurant – Attic
16821 Burbank Boulevard, Encino, California 91436



Legend

-  Work Area
-  Clearance Asbestos Air Samples



APPENDIX E

Asbestos Air Laboratory Analytical Result



Air Sample Analysis by Phase Contrast Microscopy in Accordance with NIOSH 7400

Client: <u>LA RAP</u>	Collection Date: <u>3/2/2021</u>	Daily Microscope Cleaning Performed: <u>5/13/2020</u>
Project Address: <u>16821 Burbank Blvd., Encino, CA</u>	Project Monitor: <u>David Mo</u>	Checked Phase Rings/HSE-NPL: <u>Y/Y</u>
Project #: <u>30081758</u>	Date of Analysis: <u>3/2/2021</u>	Rotameter # & Cal. Date: <u>ACAD-LF-R2, ACAD-HF-R3 / 3-24-2020</u>
Bldg/Mail Code: <u>Encino Balboa Golf</u>	Analyst Signature: <u></u>	Microscope Number: <u>1807088</u>
Work Area: <u>Restaurant</u>	Graticule Field Area (mm ²): <u>0.00785</u>	Reference Slide (No. and F/Fields): <u>1 100</u>
Checked by/Date: _____	Field Blank Correction: <u>0.00</u>	Coefficient of Variation (Est.): <u>0.45</u>

SAMPLE NUMBER (manufacturer #)	SAMPLE LOCATION DESCRIPTION	SAMPLE TYPE	START	STOP	SAMPLE DURATION Total mins	START	STOP	FLOW RATE (lpm)	SAMPLE VOLUME (liters)	TOTAL FIBERS COUNTED	TOTAL FIELDS COUNTED	LOD (f/cc)	FIBER DENSITY (f/mm ²)	FINAL RESULT (f/cc)
			DATE / TIME	DATE / TIME		FLOW RATE	FLOW RATE							
			MM/DD/YYYY 24-Hour Clock											
CX945179	Field Blank 1	Blank								0.0	100			
CX945180	Field Blank 2	Blank								0.0	100			
CX945641	Containment - NAM Exhaust	5	3/2/21 7:11	3/2/21 13:34	383.0	4.00	3.60	3.80	1,455.4	0.0	100	0.002	0.0	<LOD
CX945183	Containment - Decon	6	3/2/21 7:13	3/2/21 13:35	382.0	4.00	3.80	3.90	1,489.8	3.0	100	0.002	3.8	<LOD
CX943094	Outside Containment - Dining Area	1	3/2/21 7:13	3/2/21 13:35	382.0	4.00	3.75	3.88	1,480.2	1.5	100	0.002	1.9	<LOD
CX943094	Duplicate/Replicate									0.0	100			

QA/QC Calculation (Counts are in fibers/mm²) = Abs Value [Sqr Root (first count) - Sqr Root (dup count)] ≤ 2.77 * (Avg of the sq Root of the two counts) * Sr/2 (or .225 if no Sr) **PASS** **FAIL**

Sample Types: 1) Pre-Abatement or Ambient 2) Outside Containment During Removal 3) Glovebag Removal 4) Personal Exposure 5) HEPA Exhaust 6) Decon Chamber
7) Non-removal Area During Abatement 8) Final Clearance 9) Waste-Loadout 10) Inside Containment During Removal 11) Other

Units of Measure: f/cc = fibers per cubic centimeter of air f/mm² = fibers per square millimeter of filter lpm = liters per minute of sampling time min. = minutes of sampling time

Definitions of Abbreviations: CV = Coefficient of Variation (estimated) LOD = Limit of Detection UCL = Upper Confidence Limit

Analytical Constants: Effective Collecting Filter Area = 385 mm² **Note:** Value for regulatory compliance is the f/cc value in **Bold** in the far right column.

CHAIN OF CUSTODY

	Date: <u>3/2/2021</u>
Relinquished By: _____	Date: _____
Received by: _____	Date: _____

Air Sample Analysis by Phase Contrast Microscopy in Accordance with NIOSH 7400

Client: <u>LA RAP</u>	Collection Date: <u>3/3/2021</u>	Daily Microscope Cleaning Performed: <u>5/13/2020</u>
Project Address: <u>16821 Burbank Blvd., Encino, CA</u>	Project Monitor: <u>David Mo</u>	Checked Phase Rings/HSE-NPL: <u>Y/Y</u>
Project #: <u>30081758</u>	Date of Analysis: <u>3/3/2021</u>	Rotameter # & Cal. Date: <u>ACAD-LF-R2, ACAD-HF-R3 / 3-24-2020</u>
Bldg/Mail Code: <u>Encino Balboa Golf</u>	Analyst Signature: <u></u>	Microscope Number: <u>1807088</u>
Work Area: <u>Restaurant</u>	Graticule Field Area (mm ²): <u>0.00785</u>	Reference Slide (No. and F/Fields): <u>1 100</u>
Checked by/Date: _____	Field Blank Correction: <u>0.00</u>	Coefficient of Variation (Est.): <u>0.45</u>

SAMPLE NUMBER (manufacturer #)	SAMPLE LOCATION DESCRIPTION	SAMPLE TYPE	START	STOP	SAMPLE DURATION Total mins	START	STOP	FLOW RATE (lpm)	SAMPLE VOLUME (liters)	TOTAL FIBERS COUNTED	TOTAL FIELDS COUNTED	LOD (f/cc)	FIBER DENSITY (f/mm ²)	FINAL RESULT (f/cc)
			DATE / TIME	DATE / TIME		FLOW RATE	FLOW RATE							
CX945267	Field Blank 1	Blank								0.0	100			
CX945661	Field Blank 2	Blank								0.0	100			
CX945235	Inside Containment - West End	8	3/3/21 7:26	3/3/21 8:58	92.0	13.50	13.50	13.50	1,242.0	7.0	100	0.002	8.9	0.003
CX945621	Inside Containment - East End	8	3/3/21 7:28	3/3/21 9:01	93.0	13.50	13.50	13.50	1,255.5	4.5	100	0.002	5.7	<LOD
CX945621	Duplicate/Replicate									6.0	100			

QA/QC Calculation (Counts are in fibers/mm²) = Abs Value [Sqr Root (first count) - Sqr Root (dup count)] ≤ 2.77 * (Avg of the sq Root of the two counts) * Sr/2 (or .225 if no Sr) **PASS** **FAIL**

Sample Types: 1) Pre-Abatement or Ambient 2) Outside Containment During Removal 3) Glovebag Removal 4) Personal Exposure 5) HEPA Exhaust 6) Decon Chamber
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CHAIN OF CUSTODY

3/3/2021 _____ _____

Relinquished By: _____ Date: _____ Received by: _____ Date: _____