



**Housing Authority of the County of Merced**  
405 U STREET, MERCED, CA. 95341  
PHONE (209) 722-3501; TDD 711 or 800-855-7100  
[www.merced-pha.com](http://www.merced-pha.com)

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## **ADDENDUM #1**

**December 8, 2023**

### **IFB #2023-59 (formerly 2023-58): 1678, 1674, 1670, & 1666 DORA STREET, DOS PALOS FIRE RESTORATION & UNIT MODIFICATION**

#### **Questions and Answers**

- 1. Please note that the Authority has updated this project number, it is now IFB # 2023-59.**
- 2. Q. Does the Authority require compliance with Title 24 for the mini splits?**  
  
**A. Yes.**
- 3. Q. Will there be an allowance of extra time for the contractor to obtain permits?**  
  
**A. Yes, the Authority understands that there may be more time needed for the awarded contractor to obtain permits for this project.**
- 4. Q. Will the Bid Due date be extended?**  
  
**A. Yes. The sealed bids are due on January 5<sup>th</sup>, 2024 at 4pm.**

**5. Q. Are prevailing wages still required on this project if insurance is paying for repairs?**

**A.** Yes, this project does require prevailing wages.

**6. Q. May the Authority provide a copy of the Asbestos report now?**

**A.** Yes, please see the attached report.

**7. Q. May the awarded contractor get a physical copy of the blue prints for the duration of the project?**

**A.** Yes, the awarded contractor may have a physical copy of the blueprints for the duration of the project.

**8. Q. Where, onsite, can a dumpster be placed for the duration of the project?**

**A.** A dumpster can be placed on the grassy area across from the burned units beside the laundry room.

**9. Q. Does the Authority want Privacy slats installed on the fencing?**

**A.** No.

**10. Q. Does the Authority require the exterior portion of the mini split to be mounted on the Roof?**

**A.** No, the Authority requires that the exterior portion of the mini splits is installed on the side of the unit, not the roof.

**11. Q. How many mini split heads will be required for each elderly unit?**

**A.** There will be 2 mini split heads total, one installed in the living room and one installed in the bedroom.

**12. Q. Will all 4 units require new cabinets?**

**A.** Yes.

**13. Q. Will the units require fire sprinklers?**

**A.** Only if the building inspector requires it.

**END OF ADDENDUM #1**



# **ASBESTOS INSPECTION REPORT**

**N O V E M B E R   2 ,   2 0 2 3**

**BEM PROJECT NO. 23-63443**

Site  
**Residential**  
**1666 & 1674 Dora Street**  
**Dos Palos, CA 93620**

Prepared For  
**Ms. Melina Basso**  
**Housing Authority County of Merced**  
**405 "U" Street**  
**Merced, CA 95341**

Prepared By

**BOVEE ENVIRONMENTAL MANAGEMENT, INC.**

**1643 3<sup>rd</sup> Street, Escalon, CA 95320**

**Escalon 209-847-3800 • Fresno 559-264-3800 • Bakersfield 661-246-2110 • Sacramento 916-564-3838**

November 2, 2023



Ms. Melina Basso  
Housing Authority County of Merced  
405 "U" Street  
Merced, CA 95341

Ms. Basso:

Bovee Environmental Management, Inc. (BEM) is pleased to provide this Asbestos Survey Report regarding our asbestos inspection services at the Project Site summarized below.

#### I. PROJECT SUMMARY TABLE

PROJECT SITE TYPE	PROJECT SITE LOCATION	PROJECT SITE NOTE
Residential	1666 & 1674 Dora Street, Dos Palos, CA 93620	Demolition/Renovation

INSPECTION TYPE	INSPECTED AREAS	INSPECTION DATE
Asbestos Survey	1666 Demolition & 1674 Renovation Areas	October 31, 2023

#### II. INSPECTION SUMMARY

Samples of building materials considered to be *suspect asbestos containing materials\** were identified and collected from the inspected areas referenced above to determine their asbestos content. Through proper chain-of-custody the collected samples are sent to BEM, Inc Laboratories for polarized light microscopy (PLM) analysis. A summary of all materials sampled and corresponding analytical results are listed below. Detailed information regarding sample number, actual sample location and analytical methods can be reviewed in attachments A and B.

#### SAMPLE COLLECTION SUMMARY

\*See definitions on page 2.

##### 1666 Dora Street, Dos Palos, CA 93620

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
63443-01	12" x 12" VFT	Floors Throughout	2% Chrysotile	Category I*	1,200
63443-02	Mastic	Floors Throughout	5% Chrysotile	Category I*	↑
63443-03	Ceramic Tile Cement	Bathroom; Shower & Debris	None Detected	-	-
63443-04	Surface Texture	Bathroom; Walls, Ceiling & Debris	None Detected	-	-
63443-05	Sheetrock/Joint Compound	Bathroom; Walls, Ceiling & Debris	None Detected	-	-
63443-06	Surface Texture	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-07	Surface Texture	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-08	Surface Texture	Walls, Ceilings & Debris Throughout	None Detected	-	-

Sample Collection Summary table continued on page 2.

## 1666 Dora Street, Dos Palos, CA 93620 Continued...

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ.FT.
63443-09	Sheetrock/Joint Compound	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-10	Sheetrock/Joint Compound	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-11	Insulation	Attic & Debris	None Detected	-	-
63443-12	Stucco	Exterior Walls & Debris	None Detected	-	-
63443-13	Vapor Barrier Paper	Exterior Wall Cavities	None Detected	-	-
63443-14	Roofing Material	All Layers of Rooftop & Debris	None Detected	-	-

## 1674 Dora Street, Dos Palos, CA 93620

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ.FT.
63443-15	12" x 12" VFT	Floors Throughout	2% Chrysotile	Category I*	1,200
63443-16	Mastic	Floors Throughout	5% Chrysotile	Category I*	↑
63443-17	Ceramic Tile Cement	Bathroom; Shower & Debris	None Detected	-	-
63443-18	Surface Texture	Bathroom; Walls, Ceiling & Debris	None Detected	-	-
63443-19	Sheetrock/Joint Compound	Bathroom; Walls, Ceiling & Debris	None Detected	-	-
63443-20	Surface Texture	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-21	Surface Texture	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-22	Surface Texture	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-23	Sheetrock/Joint Compound	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-24	Sheetrock/Joint Compound	Walls, Ceilings & Debris Throughout	None Detected	-	-
63443-25	Insulation	Attic & Debris	None Detected	-	-
63443-26	Stucco	Exterior Walls & Debris	None Detected	-	-
63443-27	Vapor Barrier Paper	Exterior Wall Cavities	None Detected	-	-
63443-28	Roofing Material	All Layers of Rooftop & Debris	None Detected	-	-

## III. DEFINITIONS (\*)

Suspect Asbestos Containing Material (ACM) - Local air quality management districts consider a material that is not wood, metal or glass, to be a suspect ACM. All suspect ACMs are assumed to contain asbestos until laboratory analysis confirms that a material has no asbestos content.

Category – ACM's are classified as either "friable", material that can be easily crushed or pulverized by normal hand pressure or as "non-friable", material that cannot be easily crushed or pulverized by normal hand pressure. *Friable ACMs are considered a Regulated Asbestos Containing Material (RACM) requiring Class I work practices and engineering controls. Non-friable ACMs are considered either Category I or Category II Asbestos Containing Material requiring Class II work practices and engineering controls.*

Trace - Analytical result that is equal to or less than 1.0 percent asbestos by weight, but greater than 0.1 percent. Materials with a trace amount of asbestos have to be removed as asbestos containing construction material (ACCM) according to Cal-OSHA, but can be disposed as non-ACM upon point count analyses according to federal and state EPA regulations.

Homogeneous – Multiple samples collected of a suspect material that is similar in general appearance and from areas that appear to have been constructed at the same time are considered homogeneous. If multiple samples are collected from a similar material within a homogeneous area and only one of the multiple samples is found to contain asbestos, regulations mandate that the entirety of that material with the homogeneous area must be considered an ACM.

VFT – Vinyl Floor Tile    TBD – To be determined

#### **IV. ASBESTOS REGULATORY STANDARDS**

##### California Occupational Safety and Health Administration (Cal-OSHA)

- Friable and Non-Friable ACCMs containing more than 0.1 percent asbestos by weight are regulated.
- Enforces regulations pertaining to workers performing ACCM removal and workers in close proximity.
- Contractors who disturb more than 100 square feet or 160 lineal feet of ACCM must be registered by the contractor's state license board as an asbestos removal contractor.
- Contractors who disturb any amount of ACCM must ensure employee protection by providing accredited training, medical examinations, personal protective equipment and a negative exposure assessment.

##### United States Environmental Protection Agency (EPA)

- Friable and Non-Friable ACMs containing more than 1.0 percent asbestos by weight are regulated.
- Enforces regulations pertaining to protecting the environment, not workers.
- Abatement Contractors who disturb more than 160 square feet or 260 linear feet of ACM must comply with the National Emissions Standards for Hazardous Air Pollutants Asbestos Regulations (40 CFR 61, Subpart M) and all state and federal requirements regarding asbestos.

##### Local Air Quality Control Districts

- Friable and Non-Friable ACM's containing more than 1.0 percent asbestos by weight are regulated.
- Enforces regulations pertaining to local air quality; "No Visible Air Emissions".
- Require an asbestos survey prior to renovation or demolition.
- Abatement Contractors who disturb more than 160 square feet or 260 linear feet of ACM must comply with the National Emissions Standards for Hazardous Air Pollutants Asbestos Regulations (40 CFR 61, Subpart M).

#### **V. RECOMMENDATIONS**

BEM recommends compliance with all federal, state and local regulations concerning asbestos.

#### **VI. WARRANTY**

Samples of suspect asbestos containing building materials, which could be disturbed during construction activities, are collected by BEM. Site inspections and sample collection methodologies are performed to meet regulatory standards and industry protocols. BEM warrants that the findings contained herein have been promulgated in general accordance with accepted professional practices at the time of its preparation as applied by professionals in the community. There is a possibility that conditions may exist in which suspect ACM's could not be identified within the scope of the survey or were not apparent or accessible during the site visit. All scheduled work should cease and additional samples should be collected if unidentified suspect ACM's are discovered during construction activities. If roofing materials were collected for this survey, BEM is not responsible for damages caused by sampling locations or roofing warranty voids with the manufacturer.

*If quantities of asbestos containing materials are stated in this report, they are supplied for budgetary and regulatory notification purposes only. They should not be relied on for abatement bidding purposes.*

**VII. CERTIFICATION**

Inspection services relative to the Subject Site were provided by BEM's Mr. Brett L. Bovée & Anthony J. Miller, Certified Asbestos Consultants, No. 95-1643, expiration on 03/08/2024 & Number 19-6474, expiration on 04/17/2024. and California Department of Public Health Inspector/Assessor's/Project Monitor, ID# 1493/1494, expiration on 07/07/2024 & ID# 8476, expiration on 03/24/24.

BEM looks forward to assisting you in the near future. If you have any questions regarding this report or other BEM services, please do not hesitate to call us at (209) 847-3800 or (559) 264-3800.

Regards,

*Brett L. Bovée*

Brett L. Bovée, CAC, CMC, CDPH  
Certified Asbestos Consultant No. 95-1643  
CDPH Inspector/Assessor, ID# 1494  
CDPH Project Monitor, ID# 1493



*Anthony J. Miller*

Anthony J. Miller, CAC, CDPH  
Certified Asbestos Consultant No. 19-6474  
CDPH Inspector/Assessor, ID# 8476





# **ATTACHMENT A**

**BEM**

**SAMPLE FIELD SHEET**



# CHAIN OF CUSTODY

1643 3<sup>RD</sup> STREET

ESCALON, CA 95320

833-643-3800 • BEM@BOVEEINC.COM

BEM PROJECT #	23-63443	TURN-AROUND TIME
SAMPLE DATE:	10-31-23	<input type="radio"/> SAME DAY <input checked="" type="radio"/> 24HOURS
SURVEY TYPE:	Reno / Demo	<input type="radio"/>

Project Name:		Residential				Point Count Trace Results							
Address:		1666 & 1674 Dora St. Dos Palos CA 93620				<input checked="" type="radio"/> YES-400 <input type="radio"/> YES-1000 <input type="radio"/> NO							
Type of Loss:		Fire ; 1666 Asb Demo ; 1674 Asb Reno											
Areas Inspected:		Int & Ext T/O											
Sample#	Sample Description	Surface	T. Time	LPM	Vol./Qua.	PLM	XRF	PCM	Mold Direct	E-COU	TEM	AAS	
63443													
-01	Mat. Desc.: 12x12 VFT Mat. Loc.: T/O 1666	W C FL ○○●				●	○	○	○	○	○	○	
-02	Mat. Desc.: Mastic Mat. Loc.: T/O 1666	W C FL ○○●				●	○	○	○	○	○	○	
-03	Mat. Desc.: CT Cement Mat. Loc.: Bathroom Shower & Debris 1666	W C FL ○○○				●	○	○	○	○	○	○	
-04	Mat. Desc.: ST Mat. Loc.: Bathroom & Debris 1666	W C FL ●●○				●	○	○	○	○	○	○	
-05	Mat. Desc.: SR/JC Mat. Loc.: Bathroom & Debris 1666	W C FL ●●○				●	○	○	○	○	○	○	
-06	Mat. Desc.: ST Mat. Loc.: T/O & Debris 1666	W C FL ●●○				●	○	○	○	○	○	○	
-07	Mat. Desc.: ST Mat. Loc.: 1666	W C FL ●●○				●	○	○	○	○	○	○	
-08	Mat. Desc.: ST Mat. Loc.: 1666	W C FL ●●○				●	○	○	○	○	○	○	
-09	Mat. Desc.: SR/JC Mat. Loc.: T/O & Debris 1666	W C FL ●●○				●	○	○	○	○	○	○	
-10	Mat. Desc.: SR/JC Mat. Loc.: 1666	W C FL ●●○				●	○	○	○	○	○	○	
-11	Mat. Desc.: Ins Mat. Loc.: AHIC & Debris 1666	W C FL ○○○				●	○	○	○	○	○	○	
-12	Mat. Desc.: Stucco Mat. Loc.: Ext & Debris 1666	W C FL ●○○				●	○	○	○	○	○	○	
-13	Mat. Desc.: VBP Mat. Loc.: Ext wall Cavities 1666	W C FL ○○○				●	○	○	○	○	○	○	
-14	Mat. Desc.: Roofing Material Mat. Loc.: All Layers of Rooftop & Debris 1666	W C FL ○○○				●	○	○	○	○	○	○	
-15	Mat. Desc.: 12x12 VFT Mat. Loc.: T/O 1674	W C FL ○○●				●	○	○	○	○	○	○	
-16	Mat. Desc.: Mastic Mat. Loc.: T/O 1674	W C FL ○○●				●	○	○	○	○	○	○	
-17	Mat. Desc.: CT Cement Mat. Loc.: Bathroom Shower & Debris 1674	W C FL ○○○				●	○	○	○	○	○	○	
Relinquished by: J. Winburn		Received by: AF		Relinquished by:		Received by:							
X [Signature]		X		X		X							
Time/Date: 10-31-23		Time/Date: 11/1/23 11:45AM		Time/Date:		Time/Date:							
BEM USE ONLY: Accept Samples <input checked="" type="checkbox"/> Yes In. AF date 11/1 Version: FCOC.03.15.22.1/1.QM													



# CHAIN OF CUSTODY

1643 3<sup>RD</sup> STREET

ESCALON, CA 95320

833-643-3800 • BEM@BOVEEINC.COM

BEM PROJECT #	23-63443	TURN-AROUND TIME
SAMPLE DATE:	10-31-23	<input type="radio"/> SAME DAY <input checked="" type="radio"/> 24HOURS
SURVEY TYPE:	Reno / Demo	<input type="radio"/>

Project Name:		Residential				Point Count Trace Results							
Address:		1666 & 1674 Dora St. Dos Palos CA 93620				<input checked="" type="radio"/> YES-400 <input type="radio"/> YES-1000 <input type="radio"/> NO							
Type of Loss:		Fire ; 1666 Asb Demo ; 1674 Asb Reno											
Areas Inspected:		Int & Ext T/O											
Sample#	Sample Description	Surface	T. Time	LPM	Vol./Qua.	PLM	XRF	PCM	Mold Direct	E-COU	TEM	AAS	
63443		W C FL											
-18	Mat. Desc.: ST Mat. Loc.: Bathroom & Debris 1674	W C FL ●●○				●	○	○	○	○	○	○	
-19	Mat. Desc.: SR/TC Mat. Loc.: Bathroom & Debris 1674	W C FL ●●○				●	○	○	○	○	○	○	
-20	Mat. Desc.: ST Mat. Loc.: T/O & Debris 1674	W C FL ●●○				●	○	○	○	○	○	○	
-21	Mat. Desc.: ST Mat. Loc.: 1674	W C FL ●●○				●	○	○	○	○	○	○	
-22	Mat. Desc.: ST Mat. Loc.: 1674	W C FL ●●○				●	○	○	○	○	○	○	
-23	Mat. Desc.: SR/TC Mat. Loc.: T/O & Debris 1674	W C FL ●●○				●	○	○	○	○	○	○	
-24	Mat. Desc.: SR/TC Mat. Loc.: 1674	W C FL ●●○				●	○	○	○	○	○	○	
-25	Mat. Desc.: Ins Mat. Loc.: Attic & Debris 1674	W C FL ○○○				●	○	○	○	○	○	○	
-26	Mat. Desc.: Stucco Mat. Loc.: Ext & Debris 1674	W C FL ●○○				●	○	○	○	○	○	○	
-27	Mat. Desc.: VBP Mat. Loc.: Ext wall Cavities 1674	W C FL ○○○				●	○	○	○	○	○	○	
-28	Mat. Desc.: Roofing Material Mat. Loc.: All Layers of Rooftop & Debris 1674	W C FL ○○○				●	○	○	○	○	○	○	
	Mat. Desc.: Mat. Loc.:	W C FL ○○○				○	○	○	○	○	○	○	
	Mat. Desc.: Mat. Loc.:	W C FL ○○○				○	○	○	○	○	○	○	
	Mat. Desc.: Mat. Loc.:	W C FL ○○○				○	○	○	○	○	○	○	
	Mat. Desc.: Mat. Loc.:	W C FL ○○○				○	○	○	○	○	○	○	
	Mat. Desc.: Mat. Loc.:	W C FL ○○○				○	○	○	○	○	○	○	
Relinquished by: J. Winters		Received by: AF		Relinquished by:		Received by:							
X [Signature]		X		X		X							
Time/Date: 10-31-23		Time/Date: 11/1/23 11:45AM		Time/Date:		Time/Date:							
BEM USE ONLY: Accept Samples <input checked="" type="checkbox"/> Yes In. AF date 11/1 Version: FCOC.03.15.22.1/1.QM													

# **ATTACHMENT B**

## **LABORATORY ANALYTICAL REPORT**



**Report Prepared For:**

Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Client Project:** 23-63443

**Report ID:** AE232600

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on **November 01, 2023**. The samples were analyzed for asbestos using polarizing light microscopy (PLM) under EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763 Methods.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

**TOTAL SAMPLES ANALYZED:** 28

**TOTAL LAYERS ANALYZED:** 34

**# LAYERS >1% ASBESTOS:** 4

Kind Regards,



A handwritten signature in black ink, reading "Danielle Carrier", is written over a horizontal line.

**Danielle Carrier**

**Laboratory Director**



## ASBESTOS REPORT SUMMARY

By: POLARIZED LIGHT MICROSCOPY

Client Project: 23-63443 Report ID: AE232600

**Client:** Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID	Layer	Lab ID	Color	Sample Description	% Asbestos
63443-01	1	AE2320009	Brown	12X12 Vinyl Floor Tile	Chrysotile 2%
63443-02	1	AE2320010	Black	Mastic	Chrysotile 5%
63443-03	1	AE2320011	Gray	Ceramic Tile Cement	None Detected
	2		White	Ceramic Tile Cement	None Detected
63443-04	1	AE2320012	Beige;Off White	Surface Texture	None Detected
63443-05	1	AE2320013	Off White	Sheetrock / Joint Compound	None Detected
63443-06	1	AE2320014	Beige;Off White	Surface Texture	None Detected
63443-07	1	AE2320015	Beige;Off White	Surface Texture	None Detected
63443-08	1	AE2320016	Beige;Off White	Surface Texture	None Detected
63443-09	1	AE2320017	Off White	Sheetrock / Joint Compound	None Detected
63443-10	1	AE2320018	Off White	Sheetrock / Joint Compound	None Detected
63443-11	1	AE2320019	White	Insulation	None Detected
63443-12	1	AE2320020	Brown;Gray	Stucco	None Detected
63443-13	1	AE2320021	Black	Vapor Barrier Paper	None Detected



## ASBESTOS REPORT SUMMARY

By: POLARIZED LIGHT MICROSCOPY

Client Project: 23-63443 Report ID: AE232600

**Client:** Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID	Layer	Lab ID	Color	Sample Description	% Asbestos
63443-14	1	AE2320022	Black/Gray	Roofing Material (Shingle)	None Detected
	2		Black	Roofing Material (Tarpaper)	None Detected
63443-15	1	AE2320023	Tan	12x12 Vinyl Floor Tile	Chrysotile 2%
63443-16	1	AE2320024	Black	Mastic	Chrysotile 5%
63443-17	1	AE2320025	Black;Gray	Ceramic Tile Cement	None Detected
63443-18	1	AE2320026	Gray;Off White	Surface Texture	None Detected
63443-19	1	AE2320027	Brown;White	Sheetrock/Joint Compound	None Detected
63443-20	1	AE2320028	Beige;White	Surface Texture	None Detected
63443-21	1	AE2320029	Off White	Surface Texture	None Detected
63443-22	1	AE2320030	Off White	Surface Texture	None Detected
63443-23	1	AE2320031	Brown;White	Sheetrock/Joint Compound	None Detected
63443-24	1	AE2320032	Brown;White	Sheetrock/Joint Compound	None Detected
63443-25	1	AE2320033	White;Gray	Insulation	None Detected
63443-26	1	AE2320034	Tan	Stucco Skim Coat	None Detected
	2		Gray	Stucco Base Coat	None Detected



## **ASBESTOS REPORT SUMMARY**

By: POLARIZED LIGHT MICROSCOPY

**Client Project:** 23-63443      **Report ID:** AE232600

**Client:** Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID	Layer	Lab ID	Color	Sample Description	% Asbestos
63443-27	1	AE2320035	Cream	Vapor Barrier Paper	None Detected
	2		Black	Vapor Barrier Paper	None Detected
63443-28	1	AE2320036	Gray;Black	Roofing Material (Shingle)	None Detected
	2		Gray;Cream;Black	Roofing Material (Shingle)	None Detected
	3		Black	Roofing Material (Tar Paper)	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZED LIGHT MICROSCOPY

**Client:** Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Report ID:** AE232600  
**Received:** 11/01/2023  
**Analyzed:** 11/01/2023  
**Reported:** 11/02/2023

**Client Project:** 23-63443

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID Sample ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS	
			Fibrous	Non-Fibrous	%	
63443-01 AE2320009	12X12 Vinyl Floor Tile	Brown Homogeneous Non-Fibrous Tightly Bound		Vinyl Calcium Carbonate Silicates	60% 30% 8%	<b>Chrysotile 2%</b>
63443-02 AE2320010	Mastic	Black Homogeneous Non-Fibrous Bound		Mastic	95%	<b>Chrysotile 5%</b>
63443-03 AE2320011	LAYER 1 Ceramic Tile Cement	Gray Homogeneous Non-Fibrous Tightly Bound		Binder Silicates Calcium Carbonate	55% 35% 10%	None Detected
	LAYER 2 Ceramic Tile Cement	White Homogeneous Non-Fibrous Tightly Bound		Binder Silicates Paint Mica	55% 33% 10% 2%	None Detected
63443-04 AE2320012	Surface Texture	Beige;Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	55% 15% 30%	None Detected
63443-05 AE2320013	Sheetrock / Joint Compound	Off White Heterogeneous Fibrous Bound	Cellulose Fiber 20%	Calcium Carbonate Gypsum	10% 70%	None Detected
63443-06 AE2320014	Surface Texture	Beige;Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	55% 15% 30%	None Detected
63443-07 AE2320015	Surface Texture	Beige;Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	55% 15% 30%	None Detected
63443-08 AE2320016	Surface Texture	Beige;Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	55% 15% 30%	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZED LIGHT MICROSCOPY

**Client:** Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Report ID:** AE232600  
**Received:** 11/01/2023  
**Analyzed:** 11/01/2023  
**Reported:** 11/02/2023

**Client Project:** 23-63443

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID Sample ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS	
			Fibrous		Non-Fibrous		%
63443-09 AE2320017	Sheetrock / Joint Compound	Off White Heterogeneous Fibrous Bound	Cellulose Fiber Fiberglass	20% <1%	Calcium Carbonate Gypsum	10% 70%	None Detected
63443-10 AE2320018	Sheetrock / Joint Compound	Off White Heterogeneous Fibrous Bound	Cellulose Fiber Fiberglass	20% <1%	Calcium Carbonate Gypsum	10% 70%	None Detected
63443-11 AE2320019	Insulation	White Homogeneous Fibrous Loose	Fiberglass	100%			None Detected
63443-12 AE2320020	Stucco	Brown;Gray Heterogeneous Non-Fibrous Tightly Bound			Silicates Binder Paint Mica	55% 35% 10% <1	None Detected
63443-13 AE2320021	Vapor Barrier Paper	Black Homogeneous Fibrous Bound	Cellulose Fiber	80%	Tar	20%	None Detected
63443-14 AE2320022	LAYER 1 Roofing Material (Shingle)	Black/Gray Heterogeneous Fibrous Bound	Fiberglass	20%	Talc Silicates Gravel	50% 20% 10%	None Detected
	LAYER 2 Roofing Material (Tarpaper)	Black Homogeneous Fibrous Bound	Cellulose Fiber	20%	Tar	80%	None Detected
63443-15 AE2320023	12x12 Vinyl Floor Tile	Tan Homogeneous Non-Fibrous Bound			Vinyl Calcium Carbonate Silicates	58% 30% 10%	<b>Chrysotile 2%</b>
63443-16 AE2320024	Mastic	Black Homogeneous Non-Fibrous Bound			Mastic	95%	<b>Chrysotile 5%</b>



# ASBESTOS BULK ANALYSIS

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1643 3rd Street  
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**Report ID:** AE232600  
**Received:** 11/01/2023  
**Analyzed:** 11/01/2023  
**Reported:** 11/02/2023

**Client Project:** 23-63443

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID Sample ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS	
			Fibrous	Non-Fibrous		%
63443-17 AE2320025	Ceramic Tile Cement	Black;Gray Homogeneous Non-Fibrous Bound		Silicates Binder/Filler	65% 35%	None Detected
63443-18 AE2320026	Surface Texture	Gray;Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	75% 15% 10%	None Detected
63443-19 AE2320027	Sheetrock/Joint Compound	Brown;White Heterogeneous Fibrous Bound	Cellulose Fiber 20%	Gypsum Calcium Carbonate	70% 10%	None Detected
63443-20 AE2320028	Surface Texture	Beige;White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	75% 15% 10%	None Detected
63443-21 AE2320029	Surface Texture	Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	75% 15% 10%	None Detected
63443-22 AE2320030	Surface Texture	Off White Heterogeneous Non-Fibrous Bound		Calcium Carbonate Silicates Paint	75% 15% 10%	None Detected
63443-23 AE2320031	Sheetrock/Joint Compound	Brown;White Heterogeneous Fibrous Bound	Cellulose Fiber 20%	Gypsum Calcium Carbonate	70% 10%	None Detected
63443-24 AE2320032	Sheetrock/Joint Compound	Brown;White Heterogeneous Fibrous Bound	Cellulose Fiber 20%	Gypsum Calcium Carbonate	70% 10%	None Detected
63443-25 AE2320033	Insulation	White;Gray Homogeneous Fibrous Loose	Fiberglass Cellulose Fiber	95% 5%		None Detected



# ASBESTOS BULK ANALYSIS

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**Report ID:** AE232600  
**Received:** 11/01/2023  
**Analyzed:** 11/01/2023  
**Reported:** 11/02/2023

**Client Project:** 23-63443

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Client ID Sample ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS	
			Fibrous		Non-Fibrous	%	%
63443-26 AE2320034	LAYER 1 Stucco Skim Coat	Tan Heterogeneous Non-Fibrous Bound			Silicates Binder/Filler Paint	60% 30% 10%	None Detected
	LAYER 2 Stucco Base Coat	Gray Homogeneous Non-Fibrous Bound			Silicates Binder/Filler	65% 35%	None Detected
63443-27 AE2320035	LAYER 1 Vapor Barrier Paper	Cream Homogeneous Fibrous Loosely Bound	Cellulose Fiber	100%			None Detected
	LAYER 2 Vapor Barrier Paper	Black Homogeneous Fibrous Loosely Bound	Cellulose Fiber	40%	Tar	60%	None Detected
63443-28 AE2320036	LAYER 1 Roofing Material (Shingle)	Gray;Black Heterogeneous Fibrous Bound	Fiberglass	20%	Tar Silicates Gravel	50% 15% 15%	None Detected
	LAYER 2 Roofing Material (Shingle)	Gray;Cream;Black Heterogeneous Fibrous Bound	Fiberglass	20%	Tar Silicates Gravel	50% 15% 15%	None Detected
	LAYER 3 Roofing Material (Tar Paper)	Black Homogeneous Fibrous Bound	Cellulose Fiber	60%	Tar	40%	None Detected



## ASBESTOS BULK ANALYSIS

By: POLARIZED LIGHT MICROSCOPY

**Client:** Bovee Environmental Management  
1643 3rd Street  
Escalon, CA 95320

**Report ID:** AE232600  
**Received:** 11/01/2023  
**Analyzed:** 11/01/2023  
**Reported:** 11/02/2023

**Client Project:** 23-63443

**Methodology:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

Analyst:	Test Date:	Samples Tested:
Ashlie	11/01/2023	AE2320023 AE2320024 AE2320025 AE2320026 AE2320027 AE2320028 AE2320029 AE2320030 AE2320031 AE2320032 AE2320033 AE2320034 AE2320035 AE2320036
Miguel	11/01/2023	AE2320009 AE2320010 AE2320011 AE2320012 AE2320013 AE2320014 AE2320015 AE2320016 AE2320017 AE2320018 AE2320019 AE2320020 AE2320021 AE2320022

**LEGEND:** Non-Anth = Non-Asbestiform Anthophyllite Non-Trem = Non-Asbestiform Tremolite

**METHOD:** EPA 600/R-93/116 and EPA – Appendix E to Subpart E of 40 CFR Part 763

**REPORTING LIMIT:** <1% by Visual Estimation

**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

**REGULATORY LIMIT:** >1% by Weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under any of Bovee Environmental's laboratory accreditations. Estimated measurement of uncertainty is available on request.

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BEM is accredited with the Environmental Laboratory Accreditation Program (ELAP) under Certificate Number 3013.

BEM is accredited for Asbestos Analysis of Bulk Building Materials by PLM by the National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 600260-0).

**Report Authorized By**

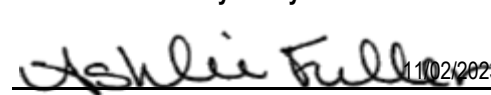
  
Danielle Carrier, Laboratory Director 11/02/2023  
Date

**Analyzed By**

  
Miguel Meza Barraza 11/02/2023  
Date



**Analyzed By**

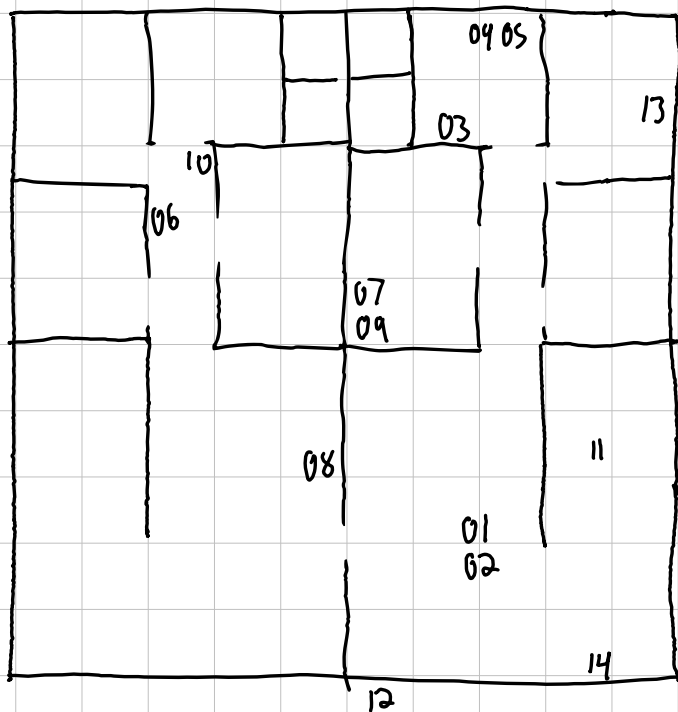
  
Ashlie Fuller 11/02/2023  
Date

# **ATTACHMENT C**

## **SITE DRAWING**

23-63443

1666 Dora St. Dos Palos CA 93620



Dora St-