

PORTERVILLE UNIFIED SCHOOL DISTRICT

Creating Opportunities: Changing Lives

DISTRICT BOARD OF TRUSTEES

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President

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Vice President

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Clerk

600 West Grand Avenue
Porterville, CA 93257
(559) 793-2400

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DISTRICT SUPERINTENDENT
(559) 793-2455
(559) 793-1088 FAX

DISTRICT BOARD OF TRUSTEES

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Human Resources
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(559) 791-0401 FAX

MARTHA STUEMKY, Ed.D.
Asst. Superintendent
Instructional Services
(559) 793-2452
(559) 793-1083 FAX

TOM VELASQUEZ
Member

School Site Address; 465 W Olive Ave, Porterville, Ca 93257

Job Walk: **April 29, 2022 @ 10:00AM, Meet in front of School.**

Bids Due: ~~May 6, 2022 @ 3:00 PM~~ **May 13, 2022 May 20, 2022 @3:00pm.**

Anticipated Start date if approved June 13, 2022

All bids are to be submitted via Vendor Registry @3:00PM.

Mandatory Job Walk!

ROOFING REPLACEMENT AT PORTERVILLE HIGH SCHOOL MINI GYM, WEST CLASSROOM, ADMIN OFFICE, AND BUILDINGS M, K, T, U.

ADDENDUM #4.

- 1. ATTACHED ASBESTOS AND LEAD REPORT FOR THE PORTERVILLE HIGH SCHOOL ROOFS.**
- 2. UPDATED RFI LOG**
- 3. ROOF SHINGLES “MALARKEY” LEGACY. COLOR TO BE SELECTED AT A LATER DATE. INCLUDE O’HAGIN COMPO TAPERED VENTS TO MATCH ROOF COLOR. VENTS ARE TO BE INSTALLED PER MANUFACTURE RECOMMENDATIONS.**

PLEASE NOTE ALL WORK IS SUBJECT TO PREVAILING WAGE RATES AND DIR.

DIR number will be issued once project is board approved.

Please register at <https://vendorregistry.com/> to submit a bid.

If you should have any questions, please feel free to contact me @ (559) 310-9274.

Thank you

Omar Flores
Project Manager
Porterville Unified School District
(559) 782-7066 ext. 4641
omarflores@portervilleschools.org

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ROOFING REPLACEMENT AT PORTERVILLE HIGH SCHOOL MINI GYM, WEST CLASSROOM, ADMIN OFFICE, AND BUILDINGS M,K,T,U.

RFI RESPONSES

RFI RESPONSES.

1. Will you be extending the bid date one week to Friday, May 13th? **That is correct bids are due May 13th,2022 at 3:00pm via vendor registry.**
2. Will you be furnishing an asbestos report for all the buildings? **Asbestos report will be provided this week via Addendum. Cost to be included in bids.**
3. Will you have line items for plywood deck replacement? **No, work to be completed on a T&M basis once district ID the damaged plywood.**
4. Are you going to include an allowance for deck replacement? **See previous.**

GYMNASIUM BUILDING Item 01 Please confirm the following:

5. All electrical will be handled by Porterville USD (PUSD). **Electrical and plumbing will be handled by PUSD. If conduits plumbing pipes are on deck, it is the contractor responsibility to work around them.**
6. PUSD will install sheet metal covers on the mini gym. **Yes.**
7. PUSD will furnish a new ridge vent to replace damaged vent on the mini gym. **CONTRACTORS RESPONSIBILITY**
8. Item 03 Please confirm the entry canopy over the girls locker is to be included in the bid. **Yes, canopy cover over girl's locker shall be included in the contract price.**
9. Item 04 per the job walk, the existing counter flashing on the wall over the mini gym will be cutback to install new roofing and a new sheet metal skirt flashing

- installed. Please confirm. **Yes, that is correct. Contractor is responsible to make condition watertight.**
10. Item 05 Is the perimeter cap flashing over the fascia to be replaced with new? **Yes**
 11. Item 06 Please confirm the leader heads and downspouts are to be replaced with new. **Leader heads are to be replaced with new ones. District will install 3" O.D metal downspouts after contract is completed.**
 12. Item 07 Some of the equipment is too low. The manufacturer requires 8" clearance to install the base flashings. Please advise what you want done with all the equipment.? **Depending on condition, the district will raise curbs to 8" with HVAC vendor.**
 13. Item 08 There is a short piece of expansion joint from the girls locker room to the gym building. Do you want a new sheet metal cover installed over it? **Yes, please provide sheet metal.**
 14. Item 09 Is all the equipment on the barrel roof of the gym to be removed and reinstalled? **Yes.**
 15. **ADMINISTRATION** Item 10 The coping on the main roof area has a metal panel fascia that carries over the wall. There is a two-piece flashing integrated under the fascia panel. Can we remove the skirt and remove as much roofing as possible and then run the roofing up the wall and reinstall the skirt flashing. **That is acceptable as long as system is water tight.**
 16. Can the coping be fabricated in lieu of a premanufactured coping system? The coping can be made from a standard color chart of prefinished metal. **All roofing coping can be fabricated. All materials will need to match project specs.**
 17. Item 12 Please confirm PUSD will remove and reinstall the large mechanical unit in the well area. A new platform will be installed and roofed in. Please advise who will handle building the new platform. **Units in well area will be removed to allow roofing to be removed and reinstalled. PUSD/ HVAC contractor will build new platform.**
 18. Item 13 Some of the equipment is too low. The manufacturer requires 8" clearance to install the base flashings. Please advise what you want done with all the equipment. **Please see previous response.**
 19. Item 14 Please confirm you want new Durablocks under the multiple conduits to match the existing layout. **Install per project specs.**
 20. Item 15 Do you want new wood blocks and walkpads under the existing conduits? **Walk Pads Yes. Dura-blocks under existing conduits.**
 21. Item 16 Do you want the existing term bar removed on the wall flashings to install a new surface mounted sheet metal flashing over the new base flashing? **Yes**
 22. Item 17 We found a number of soft roof deck areas. Will you have a line item to replace the damaged roof deck with new to match existing or will it be on a time and material basis? **Once roofing material is removed PUSD will walk to the roof and determine what plywood needs to be replaced. Work will need to be completed on a Time and Material basis.**
 23. Item 18 Are the heat stacks/flues to receive new sheet metal jacks? **YES**

CLASSROOM WING 'M' CLASSROOM WINGS 'K' 'T' & 'U' .

24. Item 19 Do you want new prefinished fascia metal on the rake sides? **YES**
25. Item 20 Do you want a price to replace any damaged 2x fascia? **YES**
26. Item 21 All of the equipment curbs need to have sheet metal saddles, apron & step flashings whether you install a metal roof system or composition shingles. Please confirm we are to include these items. **YES please include in proposal.**
27. Will you be coming out with an addendum that will include a request for the installation of composition shingles as an alternate to standing seam metal panels? **See attached.**

28. Will we continue with the standing seam metal panel as you have in your bid documents? **District will need to review cost.**
29. The specs contain "Roof Accessories" are we supposed to provide and install new roof hatches wherever they are existing? **Yes, that is correct.**

RFI QUESTIONS AND RESPONSES 5.16.22 Fresno Roofing.

30. There was supposed to be an asbestos report provided per Add #2? **See attached file from Bovee.**
31. Please clarify that the entire substrate is to be removed and replaced with new 5/8" plywood on bldg's M-K-T & U? **No, work to be completed on a T&M basis once district ID the damaged plywood.**
- 32.



**ASBESTOS & LEAD
INSPECTION REPORT**

M A Y 1 3 , 2 0 2 2

BEM PROJECT NO. 22-54946

Site

**Porterville High School
465 West Olive Avenue
Porterville, CA 93257**

Prepared For

**Mr. Omar Flores
Porterville Unified School District
600 West Grand Avenue
Porterville, CA 93257**

Prepared By

BOVEE ENVIRONMENTAL MANAGEMENT, INC.
1900 McHenry Ave., Ste 201, Escalon, CA 95320
Escalon 209-847-3800 • Fresno 559-264-3800 • Bakersfield 661-246-2110 • Sacramento 916-564-3838

May 13, 2022

Mr. Omar Flores
 Porterville Unified School District
 600 West Grand Avenue
 Porterville, CA 93257

Mr. Flores:

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

PROJECT SUMMARY TABLE

PROJECT SITE NAME	PROJECT SITE LOCATION	PROJECT SITE NOTE
Porterville High School	465 West Olive Avenue, Porterville, CA 93257	Renovation

INSPECTION TYPE	INSPECTED AREAS	INSPECTION DATE
Commercial	Mini Gym, Bldg. U, Bldg. R, Office; Roof Tops	May 9, 2022

ASBESTOS INSPECTION SUMMARY

Samples of building materials considered to be *suspect asbestos containing materials** were identified and collected from the inspected renovation areas referenced above to determine their asbestos content. Samples collected from specific areas for the purpose of renovation activities are determined by the client. There may be areas within the Subject Site that were not inspected and may contain additional suspect asbestos containing materials that were not sampled. Through proper chain-of-custody the collected samples are sent to Eurofins CEI 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 4.

Mini Gym Roofs; 465 West Olive Avenue, Porterville, CA 93257

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
54946-01	Roofing Material	Roof Tops Throughout	None Detected	-	-
54946-02	Roofing Material	Roof Tops Throughout	None Detected	-	-
54946-03	Roofing Material	Roof Tops Throughout	None Detected	-	-
54946-04	Paint	Wood Trim	None Detected	-	-
54946-05	Penetration Mastic	Roof Tops Penetrations	None Detected	-	-
54946-06	Penetration Mastic	Roof Tops Penetrations	None Detected	-	-

Sample Collection Summary table continued on page 3.

Mini Gym Roofs; 465 West Olive Avenue, Porterville, CA 93257 (Continued...)

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
54946-07	Penetration Mastic	Roof Tops Penetrations	None Detected	-	-
54946-08	Penetration Mastic	Roof Tops Penetrations	5% Chrysotile	Category I*	50
54946-09	Penetration Mastic	Roof Tops Penetrations	2% Chrysotile	Category I*	↑
54946-10	Penetration Mastic (Layer 1)	Roof Tops Penetrations	5% Chrysotile	Category I*	↑
54946-10	Penetration Mastic (Layer 2)	Roof Tops Penetrations	None Detected	-	-
54946-11	Penetration Mastic	Roof Tops Penetrations	None Detected	-	-
54946-12	Penetration Mastic	Roof Tops Penetrations	3% Chrysotile	Category I*	↑

Building U Roof; 465 West Olive Avenue, Porterville, CA 93257

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
54946-13	Roofing Material	Roof Top Beneath Metal Roof	20% Chrysotile	Category I*	1,000
54946-14	Roofing Material	Roof Top Beneath Metal Roof	20% Chrysotile	Category I*	-
54946-15	Penetration Mastic	Roof Top Penetrations	20% Chrysotile	Category I*	20
54946-16	Penetration Mastic	Roof Top Penetrations	None Detected	-	-
54946-17	Penetration Mastic	Roof Top Penetrations	15% Chrysotile	Category I*	↑
54946-18	Penetration Mastic	Roof Top Penetrations	10% Chrysotile	Category I*	↑
54946-19	Penetration Mastic	Roof Top Penetrations	None Detected	-	-

Building R Roof; 465 West Olive Avenue, Porterville, CA 93257

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
54946-20	Roofing Material (Layer 1)	Roof Top Beneath Metal Roof	40% Chrysotile	Category I*	1,000
54946-20	Roofing Material (Layer 2)	Roof Top Beneath Metal Roof	None Detected	-	-
54946-21	Penetration Mastic	Roof Top Penetrations	None Detected	-	-
54946-22	Penetration Mastic	Roof Top Penetrations	None Detected	-	-

Office Roofs; 465 West Olive Avenue, Porterville, CA 93257

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
54946-23	Roofing Material (Layer 1)	Roof Tops	None Detected	-	-
54946-23	Roofing Material (Layer 2)	Roof Tops	40% Chrysotile	Category I*	2,000
54946-23	Roofing Material (Layer 3)	Roof Tops	60% Chrysotile	Category I*	↑
54946-24	Roofing Material	Roof Tops	None Detected	-	-
54946-25	Penetration Mastic	Roof Tops Penetrations	None Detected	-	-

Sample Collection Summary table continued on page 4.

Office Roofs; 465 West Olive Avenue, Porterville, CA 93257

#	MATERIAL SAMPLED	MATERIAL LOCATION	ASBESTOS	CATEGORY	SQ. FT.
54946-26	Penetration Mastic	Roof Tops Penetrations	10% Chrysotile	Category I*	40
54946-27	Penetration Mastic	Roof Tops Penetrations	None Detected	-	-
54946-28	Penetration Mastic	Roof Tops Penetrations	10% Chrysotile	Category I*	↑
54946-29	Penetration Mastic	Roof Tops Penetrations	15% Chrysotile	Category I*	↑
54946-30	Penetration Mastic	Roof Tops Penetrations S. Side Area	30% Chrysotile	Category I*	60
54946-31	Penetration Mastic	Roof Tops Penetrations S. Side Area	15% Chrysotile	Category I*	↑
54946-32	Penetration Mastic	Roof Tops Penetrations S. Side Area	5% Chrysotile	Category I*	↑

ASBESTOS 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

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).

ASBESTOS RECOMMENDATIONS

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

ASBESTOS 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 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.

LEAD INSPECTION SUMMARY

BEM visually inspected and identified all components and substrates throughout the Subject Site that will be impacted during renovation activities. These surfaces were representatively sampled and analyzed for lead content. Utilizing an X-Ray Fluorescence Spectrometer (XRF), the substrates within the Subject Site’s renovation/demolition areas were analyzed for their lead concentration levels. A summary of the substrates sampled and corresponding analytical results are listed below. Detailed information regarding sample numbers, actual sample locations and analytical methods can be reviewed in attachments A & B.

#	SAMPLE DESCRIPTION	SAMPLE LOCATION	LEAD mg/cm ²
54946-L1	Paint (Black)	Mini Gym Rooftops; Wood Trim	5.60

(Lead Based = ≥ 1.0 mg/cm²) (Lead Containing = < 1.0 mg/cm²) (No Lead Detected = 0 mg/cm²)

LEAD RECOMMENDATIONS

Any substrates listed in the table above having a lead concentration level greater than or equal to 1.0 mg/cm² should be considered lead based. If these substrates are to be impacted during renovation activities then proper lead abatement practices, engineering controls and worker protection should meet all regulatory standards mandated by Cal-OSHA Title 8.

Any substrates listed in the table above having a lead concentration level less than 1.0 mg/cm² should be considered lead containing. Regulations mandated by Cal-OSHA Title 8 are still in effect for renovation activities.

Any substrates listed in the table above having a lead concentration level of 0 mg/cm² should be considered lead free, however regulations mandate that all workers involved in renovation activities shall receive appropriate EPA-RRP lead awareness training so that activities which could potentially create an exposure risk can be avoided.

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

LEAD WARRANTY

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 which could not be identified within the scope of the survey or were not apparent or accessible during the site visit.

DISCLAIMER

If asbestos containing materials were impacted and/or damaged during a fire loss, then the soft and/or porous building materials and personal contents should be removed and disposed of as Asbestos Containing Building Materials (ACBM). The hard and/or nonporous building materials and personal contents can be cleaned and decontaminated on site. The locations surrounding the damaged areas should be considered contaminated with asbestos. BEM cannot assume these other areas were not impacted with asbestos. BEM recommends to either assume the building materials and/or personal contents within these surrounding locations are contaminated with asbestos; or micro-vac TEM samples can be collected within these surrounding locations to determine if the asbestos contamination migrated to these surrounding locations adjacent to the known contamination.

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 03/08/2023 & Number 19-6474, expiration on 04/17/2023. and California Department of Public Health Inspector/Assessor's/Project Monitor, ID# 1494/1493, expiration on 07/07/2022 & ID# 8476, expiration on 03/24/23.

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.

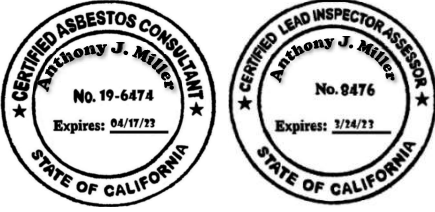
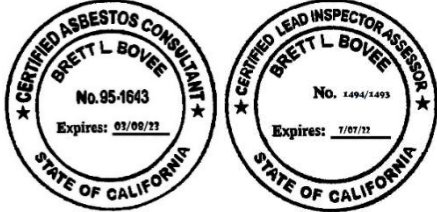
Regards,

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 SHEETS



Bovee Environmental Management, Inc.
1900 McHenry Ave, Ste 201, Escalon, CA 95320

North Valley: 209-847-3800 • South Valley: 559-264-3800
Email: bem@boveeinc.com • Facsimile: 209-847-3830

CHAIN OF CUSTODY

A22372#3 (32) (X)

BEM PROJECT #	22-54946	TURN-AROUND TIME
SAMPLE DATE:	5-9-22	<input type="radio"/> SAME DAY <input checked="" type="radio"/> 24HOURS
SURVEY TYPE:	Pheno	<input type="radio"/>

Project Name:	Porterville High School	Point Count Trace Results
Address:	4165 West Olive Ave Porterville CA 93257	<input checked="" type="radio"/> YES-400 <input type="radio"/> YES-1000 <input type="radio"/> NO
Type of Loss:	Pheno	
Areas Inspected:	Mini gym Roofs	

Sample#	Sample Description	Surface	T. Time	LPM	Vol./Qua.	PUM	XRF	PCM	DIRECT-TOI	E-COLI	TEM	AAS
54946-01	Roofing material T/O Roof tops	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-02	Roofing material	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-03	Roofing material	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-04	Paint WOOD TRIM	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-05	Penetration mastic Roof top penetrations	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-06	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-07	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-08	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-09	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-10	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-11	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-12	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-L1	Paint Black wood trim POS T/O	W C FL OOO	5.60			<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Relinquished by: <i>Anthony Miller</i>	Received by: <i>CS</i>	Relinquished by: EUROFINS CEI, INC
X <i>Anthony Miller</i>	X <i>CS</i>	X SAMPLES ACCEPTED
Time/Date: 5-9-22	Time/Date: 5/12 9:40	Time/Date: <i>JM</i> Time/Date:



Bovee Environmental Management, Inc.
1900 McHenry Ave, Ste 201, Escalon, CA 95320

North Valley: 209-847-3800 • South Valley: 559-264-3800
Email: bem@boveeinc.com • Facsimile: 209-847-3830

A223723

7

BEM PROJECT #	22-54946	TURN-AROUND TIME
SAMPLE DATE:	5-9-22	<input type="radio"/> SAME DAY <input checked="" type="radio"/> 24HOURS
SURVEY TYPE:	Peno	<input type="radio"/>

CHAIN OF CUSTODY

Project Name:	Porterville High School (COM)	Point Count Trace Results
Address:	465 West Olive Ave. Porterville CA	<input checked="" type="radio"/> YES-400 <input type="radio"/> YES-1000 <input type="radio"/> NO
Type of Loss:	Peno	
Areas Inspected:	Building U Roof top 93257	

Sample#	Sample Description	Surface	T. Time	LPM	Vol./Qua.	PLM	XRF	PCM	DIRECT-101	E-COLU	TEM	AAS
54946	Mat. Desc.: Roofing material	W C FL										
-13	Mat. Loc.: Roof top Beneath metal roof	OOO										
-14	Mat. Desc.: Roofing material	W C FL										
	Mat. Loc.: [arrow]	OOO										
-15	Mat. Desc.: Penetration mastic	W C FL										
	Mat. Loc.: Roof top Penetrations	OOO										
-16	Mat. Desc.: Penetration mastic	W C FL										
	Mat. Loc.: [arrow]	OOO										
-17	Mat. Desc.: Penetration mastic	W C FL										
	Mat. Loc.: [arrow]	OOO										
-18	Mat. Desc.: Penetration mastic	W C FL										
	Mat. Loc.: [arrow]	OOO										
-19	Mat. Desc.: Penetration mastic	W C FL										
	Mat. Loc.: [arrow]	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										
	Mat. Desc.:	W C FL										
	Mat. Loc.:	OOO										

Relinquished by: Anthony Miller	Received by: BMB	Relinquished by: EUROFINIS CEI, INC
X [Signature]	X	X SAMPLES ACCEPTED
Time/Date: 5-9-22	Time/Date: 5/12 9:40	Time/Date: JM



Bovee Environmental Management, Inc.
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CHAIN OF CUSTODY

A223726 (3)

BEM PROJECT #	22-54946	TURN-AROUND TIME
SAMPLE DATE:	5-9-22	<input type="radio"/> SAME DAY <input checked="" type="radio"/> 24HOURS
SURVEY TYPE:	Beno	<input type="radio"/>

Project Name:		Porterville High School (COM)				Point Count Trace Results						
Address:		465 West Olive Ave. Porterville CA				<input checked="" type="radio"/> YES-400 <input type="radio"/> YES-1000 <input type="radio"/> NO						
Type of Loss:		Beno				93257						
Areas Inspected:		Building R Rooftop										
Sample#	Sample Description	Surface	T. Time	LPM	Vol./Qua.	PLM	XRF	PCM	DIRECT-101	E-COLU	TEM	AAS
54946-20	Roofing material Roof top beneath metal roof	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21	Penetration mastic Roof top penetrations/	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-22	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Desc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Mat. Loc.:	W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Relinquished by: Anthony Miller	Received by:	Relinquished by: EUROFINS CEI, INC	Received by:
X [Signature]	X	X	SAMPLES ACCEPTED
Time/Date: 5-9-22	Time/Date:	Time/Date: JM	Time/Date:



Bovee Environmental Management, Inc.
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A223725 (10)

BEM PROJECT #	22-54946	TURN-AROUND-TIME
SAMPLE DATE:	5-9-22	<input type="radio"/> SAME DAY <input checked="" type="radio"/> 24 HOURS
SURVEY TYPE:	Peno	<input type="radio"/>

CHAIN OF CUSTODY

Project Name:	Porterville High School (Com)	Point Count Trace Results
Address:	465 West Olive Ave, Porterville CA 93257	<input checked="" type="radio"/> YES-400 <input type="radio"/> YES-1000 <input type="radio"/> NO
Type of Loss:	Peno	
Areas Inspected:	Office Rooftops	

Sample#	Sample Description	Surface	T. Time	LPM	Vol./Qua.	PLM	XRF	PCM	DIRECT-TOI	E-COLI	TEB	AAS
54946-23	Roofing material Roof tops	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-24	Roofing material	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-25	Penetration mastic Roof top Penetration	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-26	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-27	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-28	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-29	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-30	Penetration mastic Roof top Penetration, side area	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-31	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
-32	Penetration mastic	W C FL OOO				<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		W C FL OOO				<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Relinquished by: Anthony Miller	Received by:	Relinquished by:	Received by: EUROFINS CEL, INC
X [Signature]	X	X	SAMPLES ACCEPTED
Time/Date: 5-9-22	Time/Date:	Time/Date:	Time/Date:

JM

ATTACHMENT B

**LABORATORY
ANALYTICAL REPORTS**

May 13, 2022

Bovee Environmental Management
1900 McHenry Ave, Ste 201
Escalon, CA 95320

CLIENT PROJECT: 22-54946, Porterville High School (COM)
CEI LAB CODE: A223723

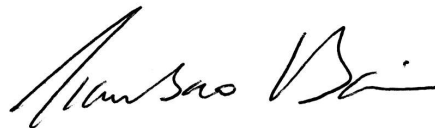
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 12, 2022. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

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.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director



CEI

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

Bovee Environmental Management

CLIENT PROJECT: 22-54946, Porterville High School (COM)

LAB CODE: A223723

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 05/13/22

TOTAL SAMPLES ANALYZED: 32

SAMPLES >1% ASBESTOS: 18

PROJECT: 22-54946, Porterville High School (COM) **LAB CODE:** A223723

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
54946-01		A223723.01	White,Black	Roofing Material	None Detected
54946-02		A223723.02	White,Black	Roofing Material	None Detected
54946-03		A223723.03	White,Black	Roofing Material	None Detected
54946-04		A223723.04	Black,Blue	Paint	None Detected
54946-05		A223723.05	Beige,Black	Penetration Mastic	None Detected
54946-06		A223723.06	Black	Penetration Mastic	None Detected
54946-07		A223723.07	White	Penetration Mastic	None Detected
54946-08		A223723.08	Gray,Black	Penetration Mastic	Chrysotile 5%
54946-09		A223723.09	Silver,Black	Penetration Mastic	Chrysotile 2%
54946-10	Layer 1	A223723.10	White,Black	Penetration Mastic	Chrysotile 5%
	Layer 2	A223723.10	White,Yellow	Penetration Mastic	None Detected
54946-11		A223723.11	White,Black	Penetration Mastic	None Detected
54946-12		A223723.12	Gray,Black	Penetration Mastic	Chrysotile 3%
54946-13		A223723.13	White,Brown	Roofing Material	Chrysotile 20%
54946-14		A223723.14	White,Brown	Roofing Material	Chrysotile 20%
54946-15		A223723.15	Gray,Black	Penetration Mastic	Chrysotile 20%
54946-16		A223723.16	Clear	Penetration Mastic	None Detected
54946-17		A223723.17	Gray,Black	Penetration Mastic	Chrysotile 15%
54946-18		A223723.18	Black	Penetration Mastic	Chrysotile 10%
54946-19		A223723.19	Gray,Black	Penetration Mastic	None Detected
54946-20	Layer 1	A223723.20	Black,Brown	Roofing Material	Chrysotile 40%
	Layer 2	A223723.20	Black	Roofing Material	None Detected
54946-21		A223723.21	Clear	Penetration Mastic	None Detected
54946-22		A223723.22	White	Penetration Mastic	None Detected
54946-23	Layer 1	A223723.23	Black	Roofing Material	None Detected
	Layer 2	A223723.23	Brown,Black	Roofing Material	Chrysotile 40%
	Layer 3	A223723.23	White,Brown	Roofing Material	Chrysotile 60%
54946-24		A223723.24	White,Black	Roofing Material	None Detected
54946-25		A223723.25	Gray	Penetration Mastic	None Detected
54946-26		A223723.26	White,Black	Penetration Mastic	Chrysotile 10%
54946-27		A223723.27	Black	Penetration Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 22-54946, Porterville High School (COM) **LAB CODE:** A223723

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
54946-28		A223723.28	Gray Cream, Black	Penetration Mastic	Chrysotile 10%
54946-29		A223723.29	White,Black	Penetration Mastic	Chrysotile 15%
54946-30		A223723.30	Black,Brown	Penetration Mastic	Chrysotile 30%
54946-31		A223723.31	Gray,Black	Penetration Mastic	Chrysotile 15%
54946-32		A223723.32	Brown,Black	Penetration Mastic	Chrysotile 5%

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Bovee Environmental Management
 1900 McHenry Ave, Ste 201
 Escalon, CA 95320

Lab Code: A223723
Date Received: 05-12-22
Date Analyzed: 05-13-22
Date Reported: 05-13-22

Project: 22-54946, Porterville High School (COM)

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
54946-01 A223723.01	Roofing Material	Heterogeneous White,Black Fibrous Bound	40%	Synthetic Fiber	50%	Tar Gravel	None Detected
54946-02 A223723.02	Roofing Material	Heterogeneous White,Black Fibrous Bound	40%	Fiberglass	50%	Tar Gravel	None Detected
54946-03 A223723.03	Roofing Material	Heterogeneous White,Black Fibrous Bound	40%	Fiberglass	50%	Tar Gravel	None Detected
54946-04 A223723.04	Paint	Heterogeneous Black,Blue Non-fibrous Bound			80%	Paint Binder	None Detected
54946-05 A223723.05	Penetration Mastic	Heterogeneous Beige,Black Fibrous Bound	10%	Cellulose	80%	Tar Binder	None Detected
54946-06 A223723.06	Penetration Mastic	Heterogeneous Black Non-fibrous Bound			100%	Tar	None Detected
54946-07 A223723.07	Penetration Mastic	Homogeneous White Non-fibrous Bound			100%	Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Bovee Environmental Management
 1900 McHenry Ave, Ste 201
 Escalon, CA 95320

Lab Code: A223723
Date Received: 05-12-22
Date Analyzed: 05-13-22
Date Reported: 05-13-22

Project: 22-54946, Porterville High School (COM)

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
54946-08 A223723.08	Penetration Mastic	Heterogeneous Gray,Black Non-fibrous Bound	5%	Cellulose	85%	Tar 5% Binder	5% Chrysotile
54946-09 A223723.09	Penetration Mastic	Heterogeneous Silver,Black Non-fibrous Bound			70%	Paint 20% Tar 8% Binder	2% Chrysotile
54946-10 Layer 1 A223723.10	Penetration Mastic	Heterogeneous White,Black Fibrous Bound	40%	Fiberglass	45%	Tar 10% Gravel	5% Chrysotile
Layer 2 A223723.10	Penetration Mastic	Heterogeneous White,Yellow Non-fibrous Bound			80%	Foam 20% Binder	None Detected
54946-11 A223723.11	Penetration Mastic	Heterogeneous White,Black Fibrous Bound	10%	Cellulose	85%	Tar 5% Binder	None Detected
54946-12 A223723.12	Penetration Mastic	Heterogeneous Gray,Black Fibrous Bound			97%	Tar	3% Chrysotile
54946-13 A223723.13	Roofing Material	Heterogeneous White,Brown Fibrous Bound			70%	Tar 10% Gravel	20% Chrysotile

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Bovee Environmental Management
 1900 McHenry Ave, Ste 201
 Escalon, CA 95320

Lab Code: A223723
Date Received: 05-12-22
Date Analyzed: 05-13-22
Date Reported: 05-13-22

Project: 22-54946, Porterville High School (COM)

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
54946-14 A223723.14	Roofing Material	Heterogeneous White,Brown Fibrous Bound	70%	Tar Gravel	20% Chrysotile
54946-15 A223723.15	Penetration Mastic	Heterogeneous Gray,Black Fibrous Bound	80%	Tar	20% Chrysotile
54946-16 A223723.16	Penetration Mastic	Homogeneous Clear Non-fibrous Bound	100%	Binder	None Detected
54946-17 A223723.17	Penetration Mastic	Heterogeneous Gray,Black Fibrous Bound	85%	Tar	15% Chrysotile
54946-18 A223723.18	Penetration Mastic	Heterogeneous Black Non-fibrous Bound	90%	Tar	10% Chrysotile
54946-19 A223723.19	Penetration Mastic	Heterogeneous Gray,Black Non-fibrous Bound	10%	Cellulose 80% Tar 10% Binder	None Detected
54946-20 Layer 1 A223723.20	Roofing Material	Heterogeneous Black,Brown Fibrous Bound	10%	Cellulose 50% Tar	40% Chrysotile

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Bovee Environmental Management
 1900 McHenry Ave, Ste 201
 Escalon, CA 95320

Lab Code: A223723
Date Received: 05-12-22
Date Analyzed: 05-13-22
Date Reported: 05-13-22

Project: 22-54946, Porterville High School (COM)

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A223723.20	Roofing Material	Heterogeneous Black Fibrous Bound	50%	Fiberglass	50%	Tar	None Detected
54946-21 A223723.21	Penetration Mastic	Homogeneous Clear Non-fibrous Bound			100%	Binder	None Detected
54946-22 A223723.22	Penetration Mastic	Homogeneous White Non-fibrous Bound	<1%	Cellulose	100%	Binder	None Detected
54946-23 Layer 1 A223723.23	Roofing Material	Heterogeneous Black Fibrous Bound	20% 30%	Fiberglass Cellulose	50%	Tar	None Detected
Layer 2 A223723.23	Roofing Material	Heterogeneous Brown,Black Fibrous Bound			60%	Tar	40% Chrysotile
Layer 3 A223723.23	Roofing Material	Heterogeneous White,Brown Fibrous Bound			40%	Tar	60% Chrysotile
54946-24 A223723.24	Roofing Material	Heterogeneous White,Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Bovee Environmental Management
 1900 McHenry Ave, Ste 201
 Escalon, CA 95320

Lab Code: A223723
Date Received: 05-12-22
Date Analyzed: 05-13-22
Date Reported: 05-13-22

Project: 22-54946, Porterville High School (COM)

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
54946-25 A223723.25	Penetration Mastic	Heterogeneous Gray Non-fibrous Bound		100% Binder	None Detected
54946-26 A223723.26	Penetration Mastic	Heterogeneous White,Black Non-fibrous Bound	80% 10%	Tar Gravel	10% Chrysotile
54946-27 A223723.27	Penetration Mastic	Heterogeneous Black Fibrous Bound	50% 50%	Fiberglass Tar	None Detected
54946-28 A223723.28	Penetration Mastic	Heterogeneous Gray Cream, Black Non-fibrous Bound	80% 10%	Tar Binder	10% Chrysotile
54946-29 A223723.29	Penetration Mastic	Heterogeneous White,Black Non-fibrous Bound	75% 10%	Tar Binder	15% Chrysotile
54946-30 A223723.30	Penetration Mastic	Heterogeneous Black,Brown Fibrous Bound	70%	Tar	30% Chrysotile
54946-31 A223723.31	Penetration Mastic	Heterogeneous Gray,Black Fibrous Bound	85%	Tar	15% Chrysotile

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Bovee Environmental Management
 1900 McHenry Ave, Ste 201
 Escalon, CA 95320

Lab Code: A223723
Date Received: 05-12-22
Date Analyzed: 05-13-22
Date Reported: 05-13-22

Project: 22-54946, Porterville High School (COM)

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
54946-32 A223723.32	Penetration Mastic	Heterogeneous	90%	Tar	5% Chrysotile
		Brown,Black	5%	Binder	
		Fibrous			
		Bound			

LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

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 NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

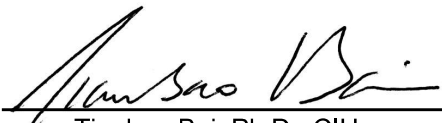
Information provided by customer includes customer sample ID and sample description.

ANALYST:



Nicholas Moore

APPROVED BY:



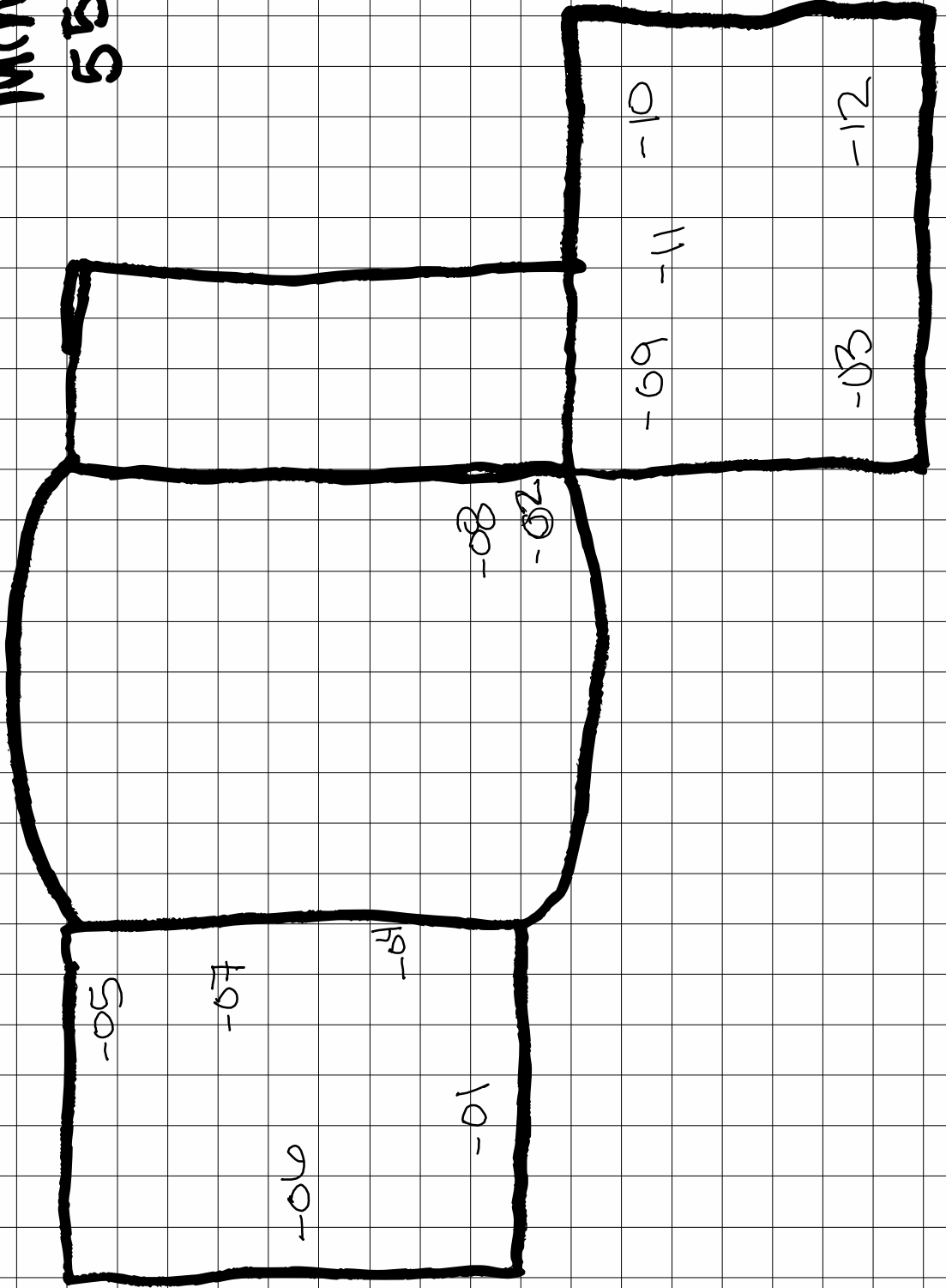
Tianbao Bai, Ph.D., CIH
Laboratory Director

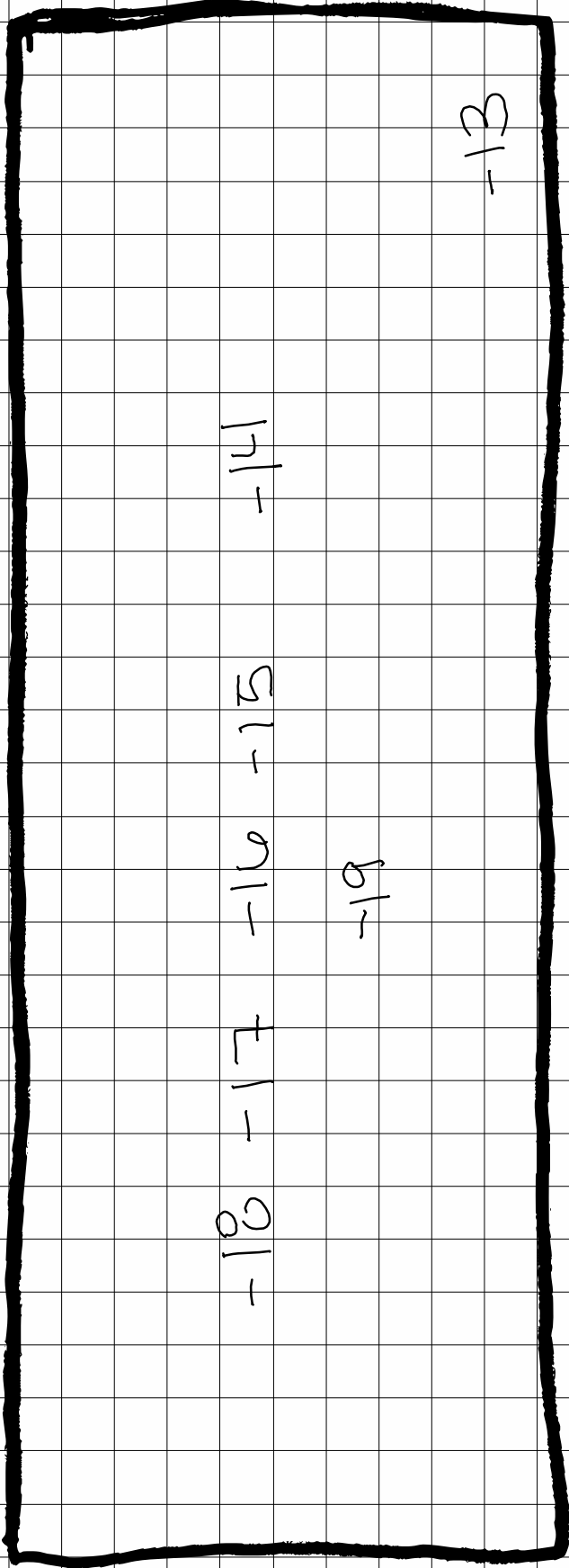


ATTACHMENT C

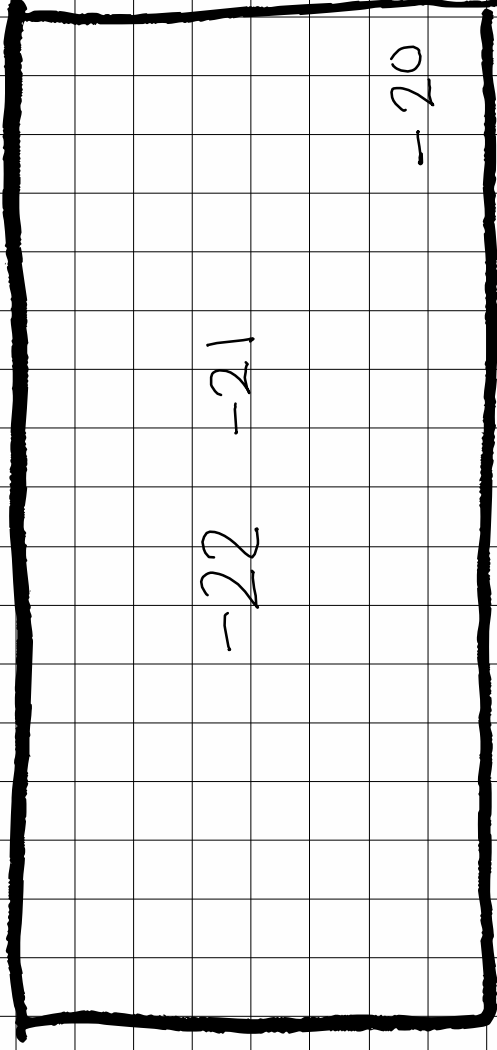
SITE DRAWING

Mini Gym
55-54946

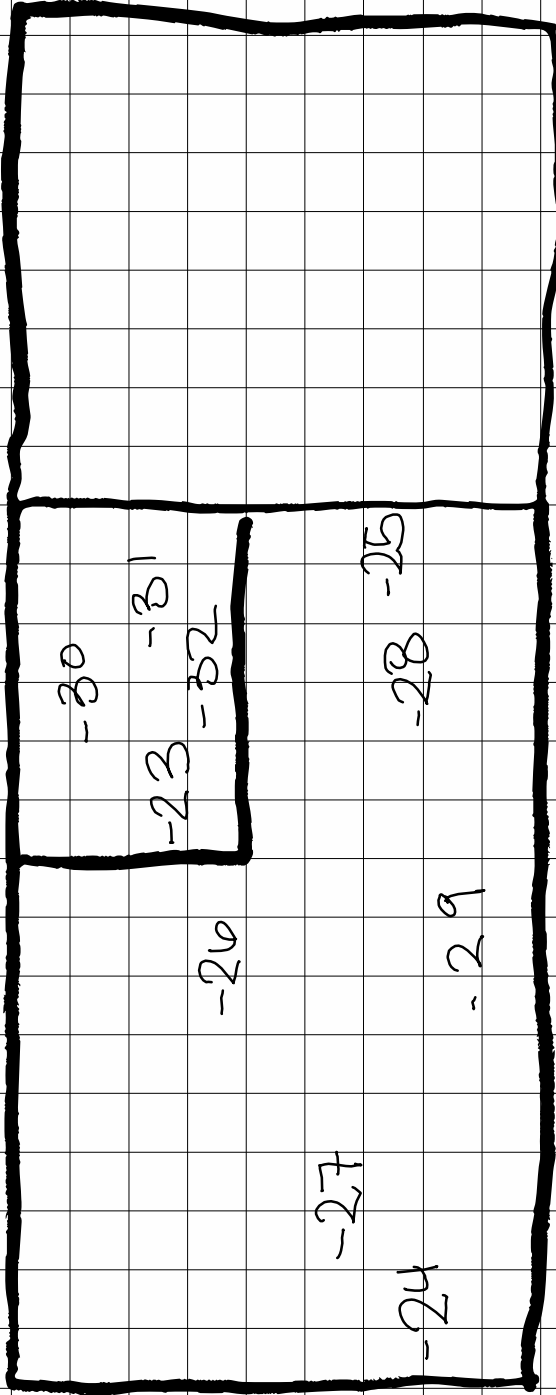




Building U



Building R



Office