



Lehua Environmental Inc.

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TARGETED HAZARDOUS MATERIALS SURVEY REPORT

PROJECT:
GENERAL REPAIRS
DLNR JOB No.: 25-SPH-001

FACILITY SURVEYED:
KALŌPĀ STATE RECREATION AREA
44-3480 KALANIAI ROAD
HONOKAA, HAWAII 96727

PREPARED FOR:
BOWERS + KUBOTA CONSULTING, INC.
94-408 AKOKI STREET, 201-A
WAIPAHU, HAWAII 96797

CONDUCTED BY:
LEHUA ENVIRONMENTAL INC.
P.O. Box 1018
KAMUELA, HAWAII 96743

DATE: JANUARY 2, 2025



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1.0 CERTIFICATIONS AND LIMITATIONS

Lehua Environmental Inc. (LEI) has completed this Targeted Hazardous Materials Survey for the Kalōpā State Recreation Area General Repairs Project, DLNR Job No.: 25-SPH-001, at the Kalōpā State Recreation Area located at 44-3480 Kalaniai Road in Honokaa, Hawaii. LEI's findings and recommendations contained herein are based on research, site observations, government regulations and laboratory data, which were gathered at the time and location of the study. Opinions stated in this report do not apply to changes that may have occurred after the services were performed.

LEI has performed specified services for this project with the degree of care, skill and diligence ordinarily exercised by professional consultants performing the same or similar services. No other warranty, guarantee, or representation, expressed or implied, is included or intended; unless otherwise specifically agreed to in writing by both LEI and LEI's Client.

LEI makes no warranty or assumes no liability for the inappropriate use or misuse of this document.

Prepared By:

Kamalana Kobayashi
State of Hawaii Asbestos Certification
Certification #: HIASB-0613, Expires: 6/18/25
State of Hawaii Certified Lead Risk Assessor
Certification #: PB-0132, Expires: 5/16/25

Report Date:

January 2, 2025



2.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS

Subject: Targeted Hazardous Materials Survey Reporting
Kalōpā State Recreation Area – General Repairs
DLNR Job No.: 25-SPH-001

Lehua Environmental Inc. (LEI) conducted a targeted hazardous materials survey (Survey) on December 12, 2024 for the Kalōpā State Recreation Area – General Repairs Project, DLNR Job No.: 25-SPH-001, located at 44-3480 Kalaniai Road in Honokaa, Hawaii (Subject Site). This Survey of the Subject Site included the planned areas of disturbance (Targeted Areas) in support of the above referenced project.

ASBESTOS-CONTAINING MATERIALS (ACM)

None of the sampled suspected asbestos-containing materials within the Targeted Areas of the Subject Site were identified to be ACM.

LEAD-CONTAINING PAINT (LCP)

LCPs were identified in fair to poor conditions throughout the Targeted Areas of the Subject Site. The table below summarizes the identified LCP within the Targeted Areas of the Subject Site.

**IDENTIFIED LCP
KALŌPĀ STATE RECREATION AREA – GENERAL REPAIRS
DLNR JOB NO.: 25-SPH-001**

<i>Int./ Ext.</i>	<i>Cabin</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>LCP or LBP?</i>
Int.	2A/B	Plumbing Chase	Brown	Wood Board	Fair	LCP
Ext.	Kitchen/ Dining	Handrails	Brown	Metal	Poor	LCP
Ext.	2A/B	Stairs	Brown	Wood	Poor	LCP
Ext.	2A/B	Stair Railing	Brown	Wood	Poor	LCP

LEI recommends the following for LCP disturbance:

- Spot remove and dispose of all LCP that may be disturbed or become dislodged during renovation activities in accordance with applicable local, state, and federal regulations.
- Spot remove and dispose of all loose and flaking (poor condition) LCP that may be disturbed or become dislodged during renovation activities in accordance with applicable local, state, and federal regulations.
- Workers performing disturbance of LCP must take appropriate measures to comply with applicable OSHA and HIOSH regulations pertaining to the handling of lead containing materials, lead dust and worker protection. Note that OSHA and HIOSH regulate activities that disturb paint which contain any detectable concentration of lead.
- A qualified consultant should be obtained to conduct air monitoring and inspection activities to ensure compliance with applicable state and federal regulations pertaining to the handling of lead paint.

ARSENIC-CONTAINING BUILDING PRODUCTS (ARCBP)

None of the sampled suspected ArCBP within the Targeted Areas of the Subject Site were identified to be arsenic-containing.



3.0 SCOPE OF WORK

LEI performed the following scope of work:

- Performed site reconnaissance at the Subject Site;
- Collected a total of thirty (30) bulk asbestos samples from the Targeted Areas of the Subject Site in accordance with DOH/EPA guidelines;
- Submitted the thirty (30) bulk samples to Hawaii Analytical Laboratories, LLC for analysis by polarized light microscopy (PLM) in accordance with NIOSH Method – 600/R-93/116 to determine asbestos type and content;
- Collected nine (9) paint chip samples from the Targeted Areas of the Subject Site;
- Submitted the nine (9) paint chip samples to Hawaii Analytical Laboratories, LLC for analysis via EPA Method 7082m LEAD by Flame Atomic Absorption Spectrophotometry (FAAS) for total lead content;
- Collected two (2) bulk samples of the suspect arsenic-containing building products from the Targeted Areas of the Subject Site;
- Submitted the two (2) suspect arsenic-containing bulk samples to Hawaii Analytical Laboratories, LLC for analysis of total arsenic content; and
- Provided this Letter Report documenting LEI's methodologies, findings, photograph documentation and recommendations.



4.0 METHODOLOGY

4.1 ASBESTOS

On December 12, 2024, LEI's State of Hawaii Department of Health (DOH) certified asbestos inspector, Mr. Kama Kobayashi, collected thirty (30) samples of suspect materials from the Targeted Areas of the Subject Site for asbestos analysis. These samples were collected in accordance with DOH/EPA guidelines and recommendations.

Each suspect asbestos containing material was first wetted with water. A small piece was then removed and placed in a labeled re-sealable plastic bag. The sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples.

All samples were properly logged and recorded following strict chain of custody procedure and submitted to Hawaii Analytical Laboratories, LLC (HAL) in Honolulu, Hawaii for analysis by polarized light microscopy in accordance with EPA Method 600/R-93/116. HAL is accredited for bulk asbestos analysis through successful participation in the National Voluntary Lab Accreditation Program (NVLAP).

4.2 LEAD PAINT

On December 12, 2024, LEI's State of Hawaii DOH certified lead-based paint risk inspector, Mr. Kama Kobayashi, collected nine (9) paint chip samples from the Targeted Areas of the Subject Site in accordance with the DOH/EPA guidelines and recommendations.

The suspected lead paints were wetted with amended water before sample collection. Paint was carefully scraped and placed into a labeled re-sealable plastic bag. The sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples. All samples were properly logged and recorded following strict chain of custody procedure and submitted to HAL for analysis in accordance with EPA Method 7082m LEAD by FAAS.

4.3 ARSENIC-CONTAINING BUILDING PRODUCTS (ArCBP)

On December 12, 2024, LEI's industrial hygienist, Mr. Kama Kobayashi, collected two (2) bulk samples suspected to be arsenic-containing building products from the Subject Site in accordance with the EPA guidelines and recommendations.

The suspect ArCBP was wetted with amended water before sample collection. The bulk sample was carefully removed and placed into a labeled re-sealable plastic bag. The sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples. All samples were properly logged and recorded following strict chain of custody procedure and submitted Hawaii Analytical Laboratories, LLC for analysis of total arsenic.



5.0 RESULTS

5.1 ASBESTOS

None of the sampled suspect asbestos-containing building materials within the Targeted Areas were identified to be ACM. Table 1 below summarizes the results of LEI's asbestos survey. Photograph Log 1 included in Appendix I includes photographs of the sampled materials. Laboratory results are included in Appendix II.

TABLE 1. ASBESTOS SURVEY RESULTS
KALŌPĀ STATE RECREATION AREA – GENERAL REPAIRS
DLNR JOB No.: 25-SPH-001

<i>Int./Ext.</i>	<i>Cabin</i>	<i>Area</i>	<i>Homogeneous Materials</i>	<i>Color</i>	<i>Friable</i>	<i>Type</i>	<i>Cond.</i>	<i>Est. Amt. of Material (ft²)</i>	<i>Asbestos Content</i>	<i>Sample ID</i>
Int.	1A/B	Main	Particle Board Shelves	Brown	No	Misc.	Poor	15	None Detected	1A/B-A1
									None Detected	1A/B-A2
									None Detected	1A/B-A3
Int.	1A/B	Shower	Ceramic Tile and Grout	Beige	No	Misc.	Fair	15	None Detected	1A/B-A4
									None Detected	1A/B-A5
									None Detected	1A/B-A6
Int.	1A/B	Bathroom	12"x12" Vinyl Floor Tile (VFT) and Mastic	VFT - Beige Mastic - Yellow/Black	No	Misc.	Fair	260	None Detected	1A/B-A7
									None Detected	1A/B-A8
									None Detected	1A/B-A9
Int.	2A/B	Main	Particle Board Shelves	Brown	No	Misc.	Poor	15	None Detected	2A/B-A1
									None Detected	2A/B-A2
									None Detected	2A/B-A3
Int.	2A/B	Bathroom	12"x12" Vinyl Floor Tile (VFT) and Mastic	VFT - Beige Mastic - Yellow/Black	No	Misc.	Fair	140	None Detected	2A/B-A4
									None Detected	2A/B-A5
									None Detected	2A/B-A6
Int.	2A/B	Shower	12"x12" Vinyl Floor Tile (VFT) and Mastic	VFT - Grey Mastic - Yellow/Black	No	Misc.	Fair	120	None Detected	2A/B-A7
									None Detected	2A/B-A8
									None Detected	2A/B-A9
Int.	2A/B	Bathroom	Wood Board Plumbing Chase	White/Brown	No	Misc.	Fair	75	None Detected	2A/B-A10
									None Detected	2A/B-A11
									None Detected	2A/B-A12
Ext.	Kitchen/Dining	Ext.	Concrete Walkway	Grey	No	Misc.	Fair	100	None Detected	K/D-A1
									None Detected	K/D-A2
									None Detected	K/D-A3
Ext.	2A/B	Ext.	Concrete Walkway	Grey	No	Misc.	Fair	40	None Detected	C2-A1
									None Detected	C2-A2
									None Detected	C2-A3
Ext.	Daily Use Pavilion	Ext.	Concrete Walkway	Grey	No	Misc.	Fair	40	None Detected	DUP-A1
									None Detected	DUP-A2
									None Detected	DUP-A3



5.2 LEAD PAINT

Four (4) of the sampled painted building components contained detectable levels of lead at levels less than 5,000 mg/kg and are considered to be Lead-Containing Paint (LCP). None of the sampled painted building components contained lead in excess of the EPA/HUD guideline of 5,000 mg/kg to be considered Lead-Based Paint (LBP).

Table 2 below summarizes the results of the lead paint survey at the Subject Site. Identified LCP are listed in bold text. Photograph Log 2 included in Appendix I includes photographs of the sampled paints. The laboratory results are included in Appendix II.

TABLE 2. LEAD PAINT SURVEY RESULTS
KALŌPĀ STATE RECREATION AREA – GENERAL REPAIRS
DLNR JOB NO.: 25-SPH-001

<i>Int./ Ext.</i>	<i>Cabin</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Lead Conc. (mg/kg)</i>	<i>LCP or LBP?</i>	<i>Sample ID</i>
Int.	1A/B	Shelves	Brown	Wood (Particle board)	Poor	56	ND	1A/B-L1
Int.	1A/B	Wall Trim	Brown	Wood	Fair	<52	ND	1A/B-L2
Int.	2A/B	Shelves	Brown	Wood (Particle board)	Poor	<40	ND	2A/B-L1
Int.	2A/B	Wall Trim	Brown	Wood	Fair	<47	ND	2A/B-L2
Int.	2A/B	Plumbing Chase	White	Wood Board	Fair	<40	ND	2A/B-L3
Int.	2A/B	Plumbing Chase	Brown	Wood Board	Fair	300	LCP	2A/B-L4
Ext.	Kitchen/ Dining	Handrails	Brown	Metal	Poor	280	LCP	K/D-L1
Ext.	2A/B	Stairs	Brown	Wood	Poor	230	LCP	C2-L1
Ext.	2A/B	Stair Railing	Brown	Wood	Poor	200	LCP	C2-L2

Bold text indicates identified LCP.

ND=Not detected above the laboratory detection limit and/or the project definition of lead-containing paint of 100 mg/kg.



5.3 Arsenic-Containing Building Products Survey

None of the sampled suspect ArCBP were identified to be arsenic-containing.

Table 3 below summarizes the results of all sampled materials collected during the ArCBP survey. Photograph Log 3 located in Appendix I includes photographs of the sampled materials. The laboratory results are located in Appendix II.

TABLE 3. ARSENIC-CONTAINING BUILDING PRODUCTS SURVEY RESULTS
KALŌPĀ STATE RECREATION AREA – GENERAL REPAIRS
DLNR JOB NO.: 25-SPH-001

<i>Int./ Ext.</i>	<i>Cabin</i>	<i>Description</i>	<i>Color</i>	<i>Substrate</i>	<i>Cond.</i>	<i>Arsenic Conc. (mg/kg)</i>	<i>Arsenic- Containing Building Product?</i>	<i>Sample ID</i>
Int.	1A/B	Shelves	Brown	Wood (Particle board)	Poor	<37	ND	1A/B-ARS1
Int.	2A/B	Shelves	Brown	Wood (Particle board)	Poor	<42	ND	2A/B-ARS1

ND=Not detected above the laboratory detection limit.



Appendix **I**

PHOTOGRAPH LOG 1 – ASBESTOS SURVEY
PHOTOGRAPH LOG 2 – LEAD PAINT SURVEY
PHOTOGRAPH LOG 3 – ARSENIC SURVEY

Photograph Log 1. Asbestos Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job No.: 25-SPH-001



1A/B-A1: None Detected

1A/B-A2: None Detected

1A/B-A3: None Detected

Interior brown particle board shelves located in main area of cabin 1A/B.



1A/B-A4: None Detected

1A/B-A5: None Detected

1A/B-A6: None Detected

Interior beige ceramic tile and grout located in shower of cabin 1A/B.



1A/B-A7: None Detected

1A/B-A8: None Detected

1A/B-A9: None Detected

Interior beige 12"x12" vinyl floor tile and yellow/black mastic located in bathroom of cabin 1A/B.

Photograph Log 1. Asbestos Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job No.: 25-SPH-001



2A/B-A1: None Detected

2A/B-A2: None Detected

2A/B-A3: None Detected

Interior brown particle board shelves located in main area of cabin 2A/B.

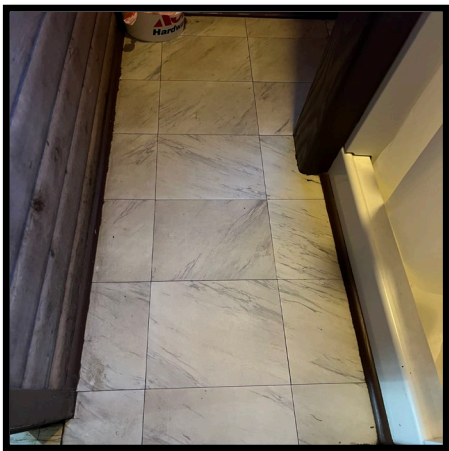


2A/B-A4: None Detected

2A/B-A5: None Detected

2A/B-A6: None Detected

Interior beige “12x12” vinyl floor tile and yellow/black mastic located in bathroom of cabin 2A/B.



2A/B-A7: None Detected

2A/B-A8: None Detected

2A/B-A9: None Detected

Interior beige 12” x 12” vinyl floor tile and yellow/black mastic located in shower of 2A/B.

Photograph Log 1. Asbestos Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job No.: 25-SPH-001



2A/B-A10: None Detected

2A/B-A11: None Detected

2A/B-A12: None Detected

Interior white/brown wood board plumbing chase located in bathroom of cabin 2A/B.



K/D-A1: None Detected

K/D-A2: None Detected

K/D-A3: None Detected

Exterior grey concrete walkway located in kitchen dining area.



C2-A1: None Detected

C2-A2: None Detected

C2-A3: None Detected

Exterior grey concrete walkway located in exterior area of Cabin 2A/B.

Photograph Log 1. Asbestos Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job No.: 25-SPH-001



DUP-A1: None Detected

DUP-A2: None Detected

DUP-A3: None Detected

Exterior grey concrete walkway located in daily use pavilion.

Photograph Log 2. Lead Paint Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job.: 25-SPH-001



1A/B-L1: Does not contain lead above the laboratory detection limit (56 mg/kg)

Interior brown wood shelves located in cabin 1A/B.



1A/B-L2: Does not contain lead above the laboratory detection limit (<52 mg/kg)

Interior brown wood wall trim located in cabin 1A/B.



2A/B-L1: Does not contain lead above the laboratory detection limit (<40 mg/kg)

Interior brown wood shelves located in cabin 2A/B.

Photograph Log 2. Lead Paint Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job.: 25-SPH-001



2A/B-L2: Does not contain lead above the laboratory detection limit (<47 mg/kg)

Interior brown wood wall trim located in cabin 2A/B.



2A/B-L3: Does not contain lead above the laboratory detection limit (<40 mg/kg)

Interior white wood board plumbing chase located in cabin 2A/B.



2A/B-L4: LCP (300 mg/kg)

Interior brown wood board plumbing chase located in cabin 2A/B.

Photograph Log 2. Lead Paint Survey
Kalōpā State Recreation Area – General Repairs
DLNR Job.: 25-SPH-001



K/D-L1: LCP (280 mg/kg)

Exterior brown metal handrails located in kitchen/
dining area.



C2-L1: LCP (230 mg/kg)

Exterior brown wood stairs located in cabin 2A/B.



C2-L2: LCP (200 mg/kg)

Exterior brown wood stair railing located in cabin
2A/B.

Photograph Log 3. Arsenic Survey
Kalōpā State Recreation Park – General Repairs
DLNR Job No.:25-SPH-001



1A/B- ARS1: Does not contain arsenic above the laboratory detection limit (<37 mg/kg)

Interior brown wood shelves located in cabin 1A/B.



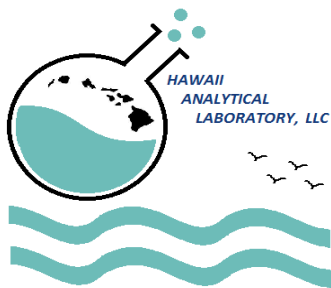
2A/B-ARS1: Does not contain arsenic above the laboratory detection limit (<42 mg/kg)

Interior brown wood shelves located in cabin 2A/B.



Appendix **II**

**ASBESTOS LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS
LEAD LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS
ARSENIC LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS**



Hawaii Analytical Laboratory ANALYTICAL REPORT

Tuesday, December 17, 2024

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Bulk Asbestos Determination

Sample No.	Your Sample Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v Matrix	Date Analyzed
202484984	1A/B-A1		NONE DETECTED		Wood fibers (undulose)	80 Paint + other	12/16/2024
	<u>Layer</u> Tan fiberboard / brown paint						
	Comments						
202484985	1A/B-A2		NONE DETECTED		Wood fibers (undulose)	80 Paint + other	12/16/2024
	<u>Layer</u> Tan fiberboard / brown paint						
	Comments						
202484986	1A/B-A3		NONE DETECTED		Wood fibers (undulose)	80 Paint + other	12/16/2024
	<u>Layer</u> Tan fiberboard / brown paint						
	Comments						
202484987	1A/B-A4		NONE DETECTED		None detected	Calcite + quartz	12/16/2024
	<u>Layer</u> Gray grout						
	Comments						
202484988	1A/B-A5		NONE DETECTED		None detected	Calcite + quartz	12/16/2024
	<u>Layer</u> Gray grout						
	Comments						
202484989	1A/B-A6		NONE DETECTED		None detected	Calcite + quartz	12/16/2024
	<u>Layer</u> Gray grout						
	Comments						

Hawaii Analytical Laboratory is a NIST NVLAP accredited laboratory (NVLAP Lab Code 200655-0) and is accredited in accordance with the recognized ISO/ IEC 17025:2017. Controlled doc.: Asbestos Report, rev. 5 – 20241027

Mr. Kama Kobayashi
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Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Bulk Asbestos Determination

Sample No.	Your Sample Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202484990	1A/B-A7		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
<u>Layer</u>	<u>Beige vinyl floor tile</u>							
Comments								
202484990	1A/B-A7		NONE DETECTED		Cellulose (undulose)	5	Tar + calcite	12/16/2024
<u>Layer</u>	<u>Black mastic</u>							
Comments								
202484991	1A/B-A8		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
<u>Layer</u>	<u>Beige vinyl floor tile</u>							
Comments								
202484991	1A/B-A8		NONE DETECTED		None detected		Binder + other	12/16/2024
<u>Layer</u>	<u>Yellow mastic</u>							
Comments								
202484992	1A/B-A9		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
<u>Layer</u>	<u>Beige vinyl floor tile</u>							
Comments								
202484992	1A/B-A9		NONE DETECTED		None detected		Binder + other	12/16/2024
<u>Layer</u>	<u>Yellow mastic</u>							
Comments								
202484993	2A/B-A1		NONE DETECTED		Wood fibers (undulose)	85	Other	12/16/2024
<u>Layer</u>	<u>Tan fiberboard</u>							
Comments								
202484994	2A/B-A2		NONE DETECTED		Wood fibers (undulose)	85	Other	12/16/2024
<u>Layer</u>	<u>Tan fiberboard</u>							
Comments								

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Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Bulk Asbestos Determination

Sample No.	Your Sample Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202484995	2A/B-A3		NONE DETECTED		Wood fibers (undulose)	85	Other	12/16/2024
<u>Layer</u>	<u>Tan fiberboard</u>							
Comments								
202484996	2A/B-A4		NONE DETECTED		Cellulose (undulose)	2	Tar + calcite	12/16/2024
<u>Layer</u>	<u>Black mastic</u>							
Comments								
202484996	2A/B-A4		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
<u>Layer</u>	<u>Off-white vinyl floor tile</u>							
Comments								
202484997	2A/B-A5		NONE DETECTED		Cellulose (undulose)	5	Tar + calcite	12/16/2024
<u>Layer</u>	<u>Black mastic</u>							
Comments								
202484997	2A/B-A5		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
<u>Layer</u>	<u>Off-white vinyl floor tile</u>							
Comments								
202484998	2A/B-A6		NONE DETECTED		Cellulose (undulose)	5	Tar + calcite	12/16/2024
<u>Layer</u>	<u>Black mastic</u>							
Comments								
202484998	2A/B-A6		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
<u>Layer</u>	<u>Off-white vinyl floor tile</u>							
Comments								
202484999	2A/B-A7		NONE DETECTED		None detected		Binder + other	12/16/2024
<u>Layer</u>	<u>Clear mastic</u>							
Comments								

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Phone Number: (808)494-0365
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Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Bulk Asbestos Determination

Sample No.	Your Sample Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202484999	2A/B-A7		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
	<u>Layer</u> <u>White vinyl floor tile</u>							
	Comments							
202485000	2A/B-A8		NONE DETECTED		None detected		Binder + other	12/16/2024
	<u>Layer</u> <u>Clear mastic</u>							
	Comments							
202485000	2A/B-A8		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
	<u>Layer</u> <u>White vinyl floor tile</u>							
	Comments							
202485001	2A/B-A9		NONE DETECTED		None detected		Binder + other	12/16/2024
	<u>Layer</u> <u>Clear mastic</u>							
	Comments							
202485001	2A/B-A9		NONE DETECTED		None detected		Calcite + vinyl	12/16/2024
	<u>Layer</u> <u>White vinyl floor tile</u>							
	Comments							
202485002	2A/B-A10		NONE DETECTED		Cellulose (undulose)	2	Gypsum + quartz + paint	12/16/2024
	<u>Layer</u> <u>White texture / white paint</u>							
	Comments							
202485003	2A/B-A11		NONE DETECTED		Cellulose (undulose)	2	Gypsum + quartz + paint	12/16/2024
	<u>Layer</u> <u>White texture / white paint</u>							
	Comments							
202485004	2A/B-A12		NONE DETECTED		Cellulose (undulose)	2	Gypsum + quartz + paint	12/16/2024
	<u>Layer</u> <u>White texture / white paint</u>							
	Comments							

Hawaii Analytical Laboratory is a NIST NVLAP accredited laboratory (NVLAP Lab Code 200655-0) and is accredited in accordance with the recognized ISO/ IEC 17025:2017. Controlled doc.: Asbestos Report, rev. 5 – 20241027

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Bulk Asbestos Determination

Sample No.	Your Sample Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202485005	K/D-A1		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485006	K/D-A2		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485007	K/D-A3		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485008	C2-A1		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485009	C2-A2		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485010	C2-A3		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485010.1	DUP-A1		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							
202485010.2	DUP-A2		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
	<u>Layer</u> <u>Gray concrete</u>							
	Comments							

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Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Bulk Asbestos Determination

Sample No.	Your Sample Description	Asbestos Present?	Type	%v/v	Other Fibrous	%v/v	Matrix	Date Analyzed
202485010.3	DUP-A3		NONE DETECTED		None detected		Calcite + quartz	12/16/2024
<u>Layer</u>	<u>Gray concrete</u>							
<u>Comments</u>								

General Comments

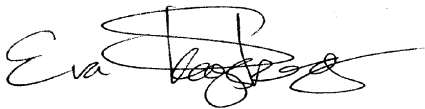
The bulk sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures outlined in the United States Environmental Protection Agency's "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" (EPA-600/M4-82-020, Dec. 1982) and / or "Method for Determination of Asbestos in bulk Building Materials" (EPA-600/R-93-116, July 1993). The analysis of each bulk sample relates only to the material examined, and may or may not represent the overall composition of its original source. Floor tile and other resinously bound materials, when analyzed by the EPA methods referenced above may yield false negative results because of limitations in separating closely bound fibers and in detecting fibers of small length and diameter. Gravimetric treatment, which HAL does not offer, may also be appropriate for certain NOB (non-friable organically bound) materials. Unless specifically requested by clients, NOB samples can be subcontracted to a NVLAP accredited lab, or else, they will be analyzed by HAL using regular PLM technique. In addition, alternative methods of identification, including Transmission Electron Microscopy (TEM) may or may not be applicable. We utilize calibrated visual area estimation on a routine basis and do not conduct point counting unless specifically requested to do so. Estimated error for the visual determinations presented are 75% relative (<1 to 10%), 65% relative (11 to 19%), 50% relative (20 to 34%); 40% relative (35 to 50%), 35% relative (51 to 60%), and 25% relative (>60% v/v). We will not separate layers which in our opinion are not readily discernable. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of Federal Government. Unless otherwise indicated, the sample condition at the time of receipt was acceptable.

Results and Symbols Definitions

> This testing result is greater than the numerical value listed.

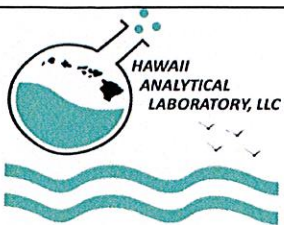
< This testing result is less than the numerical value listed.

None Detected = asbestos was not observed in the sample. If trace amount of asbestos was detected below our quantifiable limits of 1.0%, <1% (trace) would be indicated and the asbestos type listed. Point counting, where applicable, are recommended to improve accuracy.



Eva Skogsberg
Laboratory Supervisor

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3615 Harding Avenue, Suite 308
Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
<https://analyzehawaii.com>

☐ New Client?

Report To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
Email / Fax : Lehuaenvironmental@gmail.com

Invoice To* : Kamalana Kobayashi
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Address* : PO BOX 1018
Kamuela, Hawaii 96743
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Purchase Order No. : K. Kobayashi
Email Invoice To : Lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☐ 3 WD
☒ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Site/Project Name:

KALOPA STATE REC AREA

Client Project No.:

Verbal results?
☐

Sampled By & Certif. # :

Kama Kobayashi

Special Instructions:

****Samples added to COC per client - sn - 12/16/24 @ 11:47**

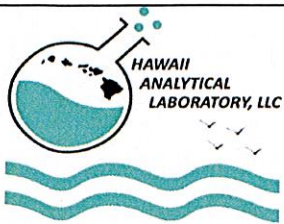
PLM POSITIVE STOP Instructions:

- ☐ + stop / SAMPLE
☐ + stop / LAYER

Lab Report No.:

202412171

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1A/B-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484984
1A/B-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484985
1A/B-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484986
1A/B-A4	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484987
1A/B-A5	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484988
1A/B-A6	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484989
1A/B-A7	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484990
1A/B-A8	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484991
1A/B-A9	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484992
2A/B-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-117	202484993
2A/B-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-118	202484994
2A/B-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-119	202484995
2A/B-A4	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-120	202484996
2A/B-A5	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-121	202484997



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Kamuela, Hawaii 96743
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Purchase Order No. : K. Kobayashi
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- ☐ 5 Working Days (WD)
☐ 4 WD
☐ 3 WD
☒ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Site/Project Name:

KALOPA STATE REC AREA

Client Project No.:

Verbal results?
☐

Sampled By & Certif. # :

Kama Kobayashi

Special Instructions:

PLM POSITIVE STOP Instructions:

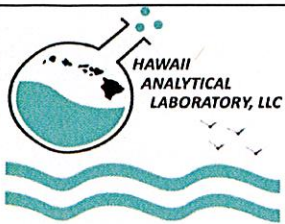
- ☐ + stop / SAMPLE
☐ + stop / LAYER

Lab Report No.:

202412171

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
15 2A/B-A6	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-122	202484998
16 2A/B-A7	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-123	202484999
17 2A/B-A8	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-124	202485000
18 2A/B-A9	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-125	202485001
19 2A/B-A10	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-126	202485002
20 2A/B-A11	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-127	202485003
21 2A/B-A12	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-128	202485004
22 K/D-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-129	202485005
23 K/D-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-130	202485006
24 K/D-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-131	202485007
25 C2-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-132	202485008
26 C2-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-133	202485009
27 C2-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-134	202485010

**DUP - A1	BULK	12/12/2024	BULK	Asbestos %	202485010.1
**DUP - A2	BULK	12/12/2024	BULK	Asbestos %	202485010.2
**DUP - A3	BULK	12/12/2024	BULK	Asbestos %	202485010.3



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☐ New Client?

Report To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
Email / Fax : Lehuaenvironmental@gmail.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Purchase Order No. : K. Kobayashi
Email Invoice To : Lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☐ 3 WD
☒ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Site/Project Name: KALOPA STATE REC AREA

Client Project No.:

Verbal results? ☐

Sampled By & Certif. # :
Kama Kobayashi

Special Instructions:

PLM POSITIVE STOP Instructions:

- ☐ + stop / SAMPLE
☐ + stop / LAYER

Lab Report No.:

202412171

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1A/B-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485011
1A/B-L2	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485012
1A/B-ARS1	BULK	12/12/2024	BULK		TOTAL ARSENIC	EPA 3061M/7000BM	202485013
2A/B-ARS1	BULK	12/12/2024	BULK		TOTAL ARSENIC	EPA 3061M/7000BM	202485014
2A/B-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485015
2A/B-L2	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485016
2A/B-L3	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485017
2A/B-L4	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485018
K/D-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485019
C2-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485020
C2-L2	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485021
Relinquished By (Print and Sign)		Date/Time		Received By (Print and Sign)		Date/Time	
Kama Kobayashi		12/16/ 7:42 am		Timothy Shott		12-16-24 A09:22 RCVD	

*Sample description can be paint chips, concrete, specific sample collection location, etc...

If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.

All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.

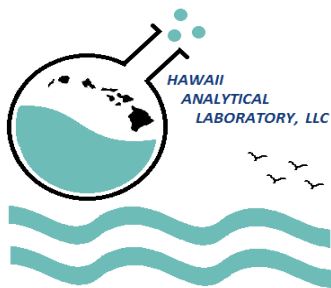
*Required fields, failure to complete these fields may result in a delay in your samples being processed.

☐ via HAC ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

awb#: 173-... 33576583

☒ via HAC ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

Page: _____ of _____



Hawaii Analytical Laboratory ANALYTICAL REPORT

Wednesday, December 18, 2024

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample Description	Results	Units	Date Analyzed
202485011	1A/B-L1	56	mg/kg	12/17/2024
Comments				
202485012	1A/B-L2	< 52	mg/kg	12/17/2024
Comments				
202485015	2A/B-L1	< 40	mg/kg	12/17/2024
Comments				
202485016	2A/B-L2	< 47	mg/kg	12/17/2024
Comments				
202485017	2A/B-L3	< 40	mg/kg	12/17/2024
Comments				
202485018	2A/B-L4	300	mg/kg	12/17/2024
Comments				
202485019	K/D-L1	280	mg/kg	12/17/2024
Comments				
202485020	C2-L1	230	mg/kg	12/17/2024
Comments				

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2017. AIHA LAP, LLC is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 4 – 20241209

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

Total Lead (paint chips)

NIOSH Method: 7082m LEAD by FAAS

Sample No.	Your Sample Description	Results	Units	Date Analyzed
202485021	C2-L2	200	mg/kg	12/17/2024
Comments				

Total Recoverable Arsenic (FAAS)

EPA Method: 3051m / 7000Bm

Sample No.	Your Sample Description	Results	Units	Date Analyzed
202485013	1A/B-ARS1	< 37	mg/kg	12/17/2024
Comments				
202485014	2A/B-ARS1	< 42	mg/kg	12/17/2024
Comments				

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2017. AIHA LAP, LLC is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 4 – 20241209

Mr. Kama Kobayashi
Lehua Environmental Inc.
100 Pauahi St. Suite 207
Hilo HI 96720

Phone Number: (808)494-0365
Facsimile:
Email: lehuaenvironmental@gmail.com

Lab Job No: 202412171
Date Submitted: 12/16/2024
Your Project: Kalopa State Rec Area, 12/12/24

All Quality Control data are acceptable unless otherwise noted.

MRL for lead air is 5ug.

MRL for lead wipe is 5ug.

MRL for lead paint or soil is 40 mg/kg for a 0.25g sample.

General Comments

The sample[s] analysis subject of this analytical report were conducted in general accordance with the procedures associated with the "analytical method" referenced above. Modifications to this methodology may have been made based upon the analyst's professional judgment and / or sample matrix effects encountered. The analysis of sample relates only to the sample analyzed, and may or may not be representative of the original source of the material submitted for our analysis. All analysts participate in interlaboratory quality control testing to continuously document proficiency. This report is not to be duplicated except in full without the expressed written permission of Hawaii Analytical Laboratory. This report should not be construed as an endorsement for a product or a service by the AIHA LAP, LLC or any affiliated organizations. Sample and associated sampling / collection data is reported as provided by client. TWA values have been calculated based on information supplied by the client that the laboratory has not independently verified. Results have not been corrected for blank determinations unless noted in remarks. Unless otherwise indicated the sample condition at the time of receipt was acceptable.

Results and Symbols Definitions

> This testing result is greater than the numerical value listed.

< This testing result is less than the numerical value listed.

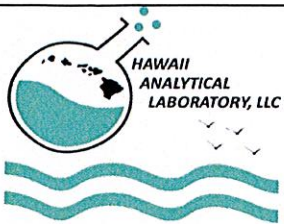
= Analytical methods marked with an "#" are not within our AIHA LAP, LLC Scope of Accreditation.

MRL = Method Reporting Limit.



Eva Skogsberg
Laboratory Supervisor

Hawaii Analytical Laboratory (101812) is accredited by the AIHA LAP, LLC in the EMLAP, IHLAP, and ELLAP programs for the scope of work listed on www.aihaaccreditedlabs.org, in accordance with the recognized ISO/ IEC 17025:2017. AIHA LAP, LLC is a NLLAP recognized accrediting body. Controlled doc.: Lead Report, rev. 4 – 20241209



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☐ 1-2 hours

Site/Project Name:

KALOPA STATE REC AREA

Client Project No.:

Verbal results?
☐

Sampled By & Certif. # :

Kama Kobayashi

Special Instructions:

****Samples added to COC per client - sn - 12/16/24 @ 11:47**

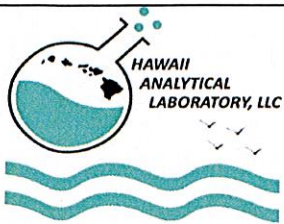
PLM POSITIVE STOP Instructions:

- ☐ + stop / SAMPLE
☐ + stop / LAYER

Lab Report No.:

202412171

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1A/B-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484984
1A/B-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484985
1A/B-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484986
1A/B-A4	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484987
1A/B-A5	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484988
1A/B-A6	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484989
1A/B-A7	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484990
1A/B-A8	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484991
1A/B-A9	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-116	202484992
2A/B-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-117	202484993
2A/B-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-118	202484994
2A/B-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-119	202484995
2A/B-A4	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-120	202484996
2A/B-A5	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-121	202484997



3615 Harding Avenue, Suite 308
Honolulu, HI 96816
Ph: 808-735-0422 - Fax: 808-735-0047
<https://analyzehawaii.com>

☐ New Client?

Report To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
Email / Fax : Lehuaenvironmental@gmail.com

Invoice To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Purchase Order No. : K. Kobayashi
Email Invoice To : Lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☐ 3 WD
☒ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Site/Project Name:

KALOPA STATE REC AREA

Client Project No.:

Verbal results?
☐

Sampled By & Certif. # :

Kama Kobayashi

Special Instructions:

PLM POSITIVE STOP Instructions:

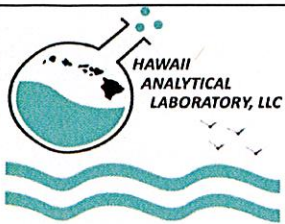
- ☐ + stop / SAMPLE
☐ + stop / LAYER

Lab Report No.:

202412171

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
15 2A/B-A6	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-122	202484998
16 2A/B-A7	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-123	202484999
17 2A/B-A8	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-124	202485000
18 2A/B-A9	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-125	202485001
19 2A/B-A10	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-126	202485002
20 2A/B-A11	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-127	202485003
21 2A/B-A12	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-128	202485004
22 K/D-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-129	202485005
23 K/D-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-130	202485006
24 K/D-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-131	202485007
25 C2-A1	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-132	202485008
26 C2-A2	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-133	202485009
27 C2-A3	BULK	12/12/2024	BULK		ASBESTOS %	EPA-600/R-93-134	202485010

**DUP - A1	BULK	12/12/2024	BULK	Asbestos %	202485010.1
**DUP - A2	BULK	12/12/2024	BULK	Asbestos %	202485010.2
**DUP - A3	BULK	12/12/2024	BULK	Asbestos %	202485010.3



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☐ New Client?

Report To* : Kamalana Kobayashi
Company : Lehua Environmental Inc.
Address* : PO BOX 1018
Kamuela, Hawaii 96743
Phone / Cell No.* : 808-494-0365
Report results to : K. Kobayashi
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Purchase Order No. : K. Kobayashi
Email Invoice To : Lehuaenvironmental@gmail.com

Need Results By*:

- ☐ 5 Working Days (WD)
☐ 4 WD
☐ 3 WD
☒ 2 WD
☐ 24 hours
☐ 6 hours or less
☐ 4 hours or less
☐ 1-2 hours

Site/Project Name: KALOPA STATE REC AREA

Client Project No.:

Verbal results? ☐

Sampled By & Certif. # :
Kama Kobayashi

Special Instructions:

PLM POSITIVE STOP Instructions:

- ☐ + stop / SAMPLE
☐ + stop / LAYER

Lab Report No.:

202412171

Sample ID	Sample Description*	Date Sampled* (mm/dd/yy)	Collection Medium	Sample Area / Air Volume	Analysis Requested*	Method Reference	Lab Sample(s) No.:
1A/B-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485011
1A/B-L2	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485012
1A/B-ARS1	BULK	12/12/2024	BULK		TOTAL ARSENIC	EPA 3061M/7000BM	202485013
2A/B-ARS1	BULK	12/12/2024	BULK		TOTAL ARSENIC	EPA 3061M/7000BM	202485014
2A/B-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485015
2A/B-L2	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485016
2A/B-L3	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485017
2A/B-L4	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485018
K/D-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485019
C2-L1	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485020
C2-L2	PAINT CHIP	12/12/2024	PAINT CHIP		TOTAL LEAD	NIOSH 7082M	202485021
Relinquished By (Print and Sign)		Date/Time		Received By (Print and Sign)		Date/Time	
Kama Kobayashi		12/16/ 7:42 am		 Timbad Shott		12-16-24 A09:22 RCVD	

*Sample description can be paint chips, concrete, specific sample collection location, etc...

If matrix is 'soil', please specify if it is a FOREIGN SOIL SAMPLE (outside Hawaii) in the comment section.

All samples submitted are subject to Hawaii Analytical Laboratory terms and conditions.

*Required fields, failure to complete these fields may result in a delay in your samples being processed.

☐ via HAC ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

awb#: 173-... 33576583

☒ via HAC ☐ via USPS ☐ via drop box ☐ via FedEx ☐ via pick up

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