

ATTACHMENT 1

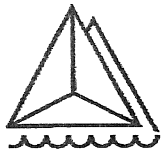
HAZARDOUS MATERIALS SURVEY REPORT

HAZARDOUS MATERIALS SURVEY REPORT
Kamehameha Highway – Kaipapau Stream Bridge Replacement
Abandoned Single Story Structure
Hauula, Oahu, Hawaii
TMK: 5-4-11:21

The hazardous materials survey was recently completed by EnviroServices & Training Center, LLC (ETC) at the abandoned single story structure located on Kamehameha Highway adjacent to the Kaipapau Stream Bridge in Hauula, Oahu, Hawaii, identified by TMK: 5-4-11:21.

The following are the Scope of Work:

- Collected a total of forty-five (45) bulk asbestos samples from the Subject Location in accordance with EPA guidelines;
- Submitted the forty-five (45) bulk samples to NVL Laboratories, Inc. for analysis by polarized light microscopy (PLM) to determine asbestos type and content;
- Collected sixty-four (64) samples utilizing a portable X-Ray Fluorescence (XRF) analyzer to evaluate the lead content in the paint at the Subject Location;
- Collected one (1) bulk sample of suspected arsenic containing wood fiberboard from the Subject Location in accordance with EPA guidelines;
- Submitted the one (1) suspected arsenic containing sample to NVL Laboratories, Inc. for analysis via graphite furnace atomic absorption spectroscopy for total arsenic content;
- Visually inspected the Subject Location for mercury containing lamps and PCB containing fluorescent light ballasts; and
- Provided this report documenting ETC's methodologies, findings and recommendations.



WORK ACTIVITIES

Asbestos

On October 15, 2010, ETC personnel collected forty-five (45) samples of suspect materials from the Subject Location for asbestos analysis. These samples were collected in accordance with EPA guidelines and recommendations.

Each suspect asbestos containing material was first wetted with water. A small piece was then carefully cut out 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 NVL Laboratories, Inc. (NVL) for analysis by polarized light microscopy in accordance with EPA Method 600/R-93/116. NVL is accredited for bulk asbestos analysis through successful participation in the National Voluntary Lab Accreditation Program (NVLAP).

Lead Paint

XRF Analyzer

ETC personnel collected and analyzed sixty-four (64) paint samples from the Subject Location using a portable XRF spectrum analyzer, in accordance with the EPA and HUD guidelines and recommendations.

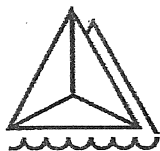
The XRF measurements were collected using an EDAX MAP4 portable XRF spectrum analyzer. This portable XRF uses a 10-millicurie cobalt 57 (^{57}Co) radioactive source that, when exposed to lead containing building components, causes lead to emit X-rays with a characteristic frequency or energy. The intensity of the radiation is then measured by the instrument and reported as lead in milligrams per square centimeter (mg/cm^2). The MAP4 measures both the L-shell X-ray and K-shell X-ray lines of lead. The K-shell X-ray lines are used to determine the level of lead in the paint. The EDAX MAP4 portable XRF spectrum analyzer has a detection limit of $0.05 \text{ mg}/\text{cm}^2$, with a maximum precision of $\pm 0.05 \text{ mg}/\text{cm}^2$, and an accuracy of $\pm 5.0\%$ at $1.0 \text{ mg}/\text{cm}^2$.

Measurements were collected by placing the MAP 4 faceplate flat against the sample surface and then pulling the trigger. The trigger is then held until a K-shell reading is displayed at a 95% confidence level.

XRF measurement data were interpreted as follows:

- Positive results (lead-based paint) were determined when the K-shell results revealed a lead concentration equal to or greater than $1.0 \text{ mg}/\text{cm}^2$.
- Negative results (non lead-based paint) were determined when the K-shell results revealed a lead concentration at less than $1.0 \text{ mg}/\text{cm}^2$.

Quality control was accomplished by conducting validation checks. Such checks require the XRF Operator to collect a measurement from a calibration sample with a known concentration of lead. The manufacturer recommends that such measurements be within ± 0.15 of the known concentration. These quality control procedures were conducted at the beginning, and at the end of the inspection. All measurements were within the manufacturer's guidelines.



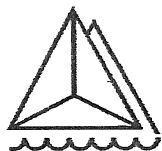
Arsenic

ETC personnel collected one (1) sample of particle wood board sink material suspected to contain arsenic from the Subject Location. The suspected arsenic containing sample was collected in general accordance with EPA guidelines and recommendations.

The suspected arsenic containing materials were wetted with amended water before sample collection. A small piece was then carefully cut out and placed into a labeled re-sealable plastic bag. The samples were logged and recorded following strict chain of custody procedure and submitted to NVL in Seattle, Washington for analysis by EPA Method 6010.

Miscellaneous Hazardous Materials

ETC made visual observations to inventory and identify the presence of assumed mercury-containing fluorescent light bulbs and assumed PCB containing ballasts. No suspect mercury containing fluorescent lights were observed at the Subject Location. No suspect PCB containing fluorescent light ballasts were observed at the Subject Location.



RESULTS

Asbestos

Forty-five (45) samples were taken during the course of this investigation. The results of this analysis are summarized in the attached Table 1. Laboratory analysis did identify levels of asbestos above the regulatory limit of 1% in the vent/pipe sealant material located on the roof of the Subject Location. Table 1 below summarizes these results. The attached Map 1 lists identified asbestos-containing materials.

TABLE 1
ASBESTOS SAMPLE RESULTS
ABANDONED SINGLE STORY STRUCTURE
KAIPAPAU STREAM BRIDGE REPLACEMENT
HAUULA, OAHU, HAWAII

<i>Sample ID</i>	<i>Location</i>	<i>Material</i>	<i>Color</i>	<i>Friability</i>	<i>Est. Amt. of Material</i>	<i>Asbestos Content</i>
A-1	Exterior Roof	Roofing Material	Black/ Various	Not Applicable (N/A)	1200 sq. ft.	None Detected
A-2						None Detected
A-3						None Detected
A-4	Exterior Roof	Vent/ Pipe Sealant Material	Black/Grey	Category II Non-Friable	10 sq. ft.	Chrysotile 6%
A-5						Chrysotile 6%
A-6						Chrysotile 6%
A-7	Exterior Roof	Sealant Material on Roof	Grey	N/A	15 sq. ft.	None Detected
A-8						None Detected
A-9						None Detected
A-10	Interior Kitchen	Tile Grouting and Mastic	Grey	N/A	25 sq. ft.	None Detected
A-11						None Detected
A-12						None Detected
A-13	Interior Kitchen	Sink and Counter Sealant	White	N/A	5 linear ft.	None Detected
A-14						None Detected
A-15						None Detected
A-16	Interior	Door Sealant Material	Various Painted	N/A	100 linear ft.	None Detected
A-17						None Detected
A-18						None Detected
A-19	Interior	Tile and Mastic under Carpet	Red/ Beige	N/A	400 sq. ft.	None Detected
A-20						None Detected
A-21						None Detected
A-22	Interior	Electrical Wire Wrap	Black	N/A	N/A - Throughout	None Detected
A-23						None Detected
A-24						None Detected
A-25	Interior/ Exterior	Window Sealant	Various Painted	N/A	300 linear ft.	None Detected
A-26						None Detected
A-27						None Detected

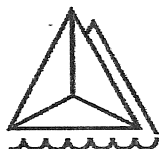
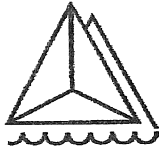


TABLE 1 - CONTINUED
ASBESTOS SAMPLE RESULTS
ABANDONED SINGLE STORY STRUCTURE
KAIPAPAU STREAM BRIDGE REPLACEMENT
HAUULA, OAHU, HAWAII

<i>Sample ID</i>	<i>Location</i>	<i>Material</i>	<i>Color</i>	<i>Friability</i>	<i>Est. Amt. of Material</i>	<i>Asbestos Content</i>
A-28	Interior	Shower and Tile mastic	Various	N/A	25 sq. ft.	None Detected
A-29						None Detected
A-30						None Detected
A-31	Interior	Wall Plaster on Wood	Various Painted	N/A	40 sq. ft.	None Detected
A-32						None Detected
A-33						None Detected
A-34	Interior Bathroom	Shower/Tub Sealant	White	N/A	15 linear ft.	None Detected
A-35						None Detected
A-36						None Detected
A-37	Interior	Wall Sealant Material	Various Painted	N/A	250 linear ft.	None Detected
A-38						None Detected
A-39						None Detected
A-40	Exterior	CMU/Concrete Material	Grey	N/A	400 sq. ft.	None Detected
A-41						None Detected
A-42						None Detected
A-43	Exterior	Window Sealant	Various Painted	N/A	200 linear ft.	None Detected
A-44						None Detected
A-45						None Detected

Lead Paint

XRF measurements indicated that twenty-six (26) painted surfaces of the Subject Location **did** contain lead in excess of the EPA/HUD guideline of 1.0 mg/cm² defining Lead-Based Paint (LBP). All remaining XRF sampled surfaces of the Subject Site contained detectable levels of lead at levels less than 1.0 mg/cm² and are considered to be Lead Containing Paint (LCP). The attached Table 2 lists these results.



Arsenic

The one (1) arsenic sample collected was found to have no arsenic content above the reporting limit and is not considered to be arsenic containing. Table 3 below summarizes this result.

**TABLE 3
ARSENIC SAMPLE RESULTS
ABANDONED SINGLE STORY STRUCTURE
KAIPAPAU STREAM BRIDGE REPLACEMENT
HAUULA, OAHU, HAWAII**

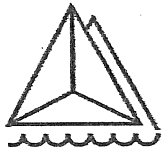
<i>Sample ID</i>	<i>Area</i>	<i>Structure</i>	<i>Condition</i>	<i>Color</i>	<i>Arsenic (ppm)*</i>
ARS-1	Kitchen	Particle Wood Counter Top	Poor	White	< 20.0

* <# = Not detected above the detection limit of # for this sample.

Miscellaneous Hazardous Materials Inspection

No suspect mercury containing fluorescent lights were observed at the Subject Location.

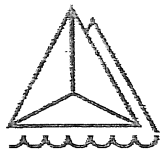
No suspect PCB containing fluorescent light ballasts were observed at the Subject Location.



RECOMMENDATIONS

In summary, asbestos containing materials (ACM) and surfaces coated in lead based paint (LBP) and lead containing paint (LCP) were observed. Based on ETC's visual inspection of the facility and laboratory data, ETC recommends the following:

- Manage and/or remove and dispose of hazardous and regulated materials in accordance with applicable local, state, and federal regulations, prior to renovation and/or demolition activities that may disturb these materials.
- Any non-friable ACM which could be crumbled and pulverized during renovation/demolition activities must be removed and disposed of by a qualified asbestos abatement contractor. In addition, the services of a qualified consultant should be obtained to monitor and inspect the removal activities to ensure compliance with applicable Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA), and Hawaii Occupational Safety and Health (HIOSH) regulations pertaining to the handling of asbestos containing material.
- Remove and dispose of all lead based paint and loose and flaking (poor condition) lead-containing paint that may be disturbed during renovation/demolition activities in accordance with applicable local, state, and federal regulations. Note that conditions of paint may have changed since the time of this survey.
- Any abatement and demolition contractor(s) must take appropriate measures to comply with applicable EPA, OSHA and HIOSH regulations pertaining to the handling of asbestos and lead containing materials and worker protection. Note that OSHA and HIOSH regulate activities that disturb paint which contain any detectable concentration of lead.
- Have air monitoring conducted for airborne asbestos fibers by a State of Hawaii certified Project Monitor and airborne lead by qualified personnel during any lead and/or asbestos abatement and general renovation/demolition activities of areas that were determined to contain these contaminants.



LIMITATIONS

ETC's findings, conclusions, and recommendations are based on research, site observations, and/or analytical data, which were gathered and accessible at the time and location of this project. We make no guarantee or warranty, either expressed or implied, except that our services are consistent with good commercial or customary practices designed to conform with acceptable industry standards. ETC has completed this project in accordance with the Guidelines, Standards, and Code of Ethics adopted by members of the American Industrial Hygiene Association, and American Conference of Governmental Industrial Hygienists.

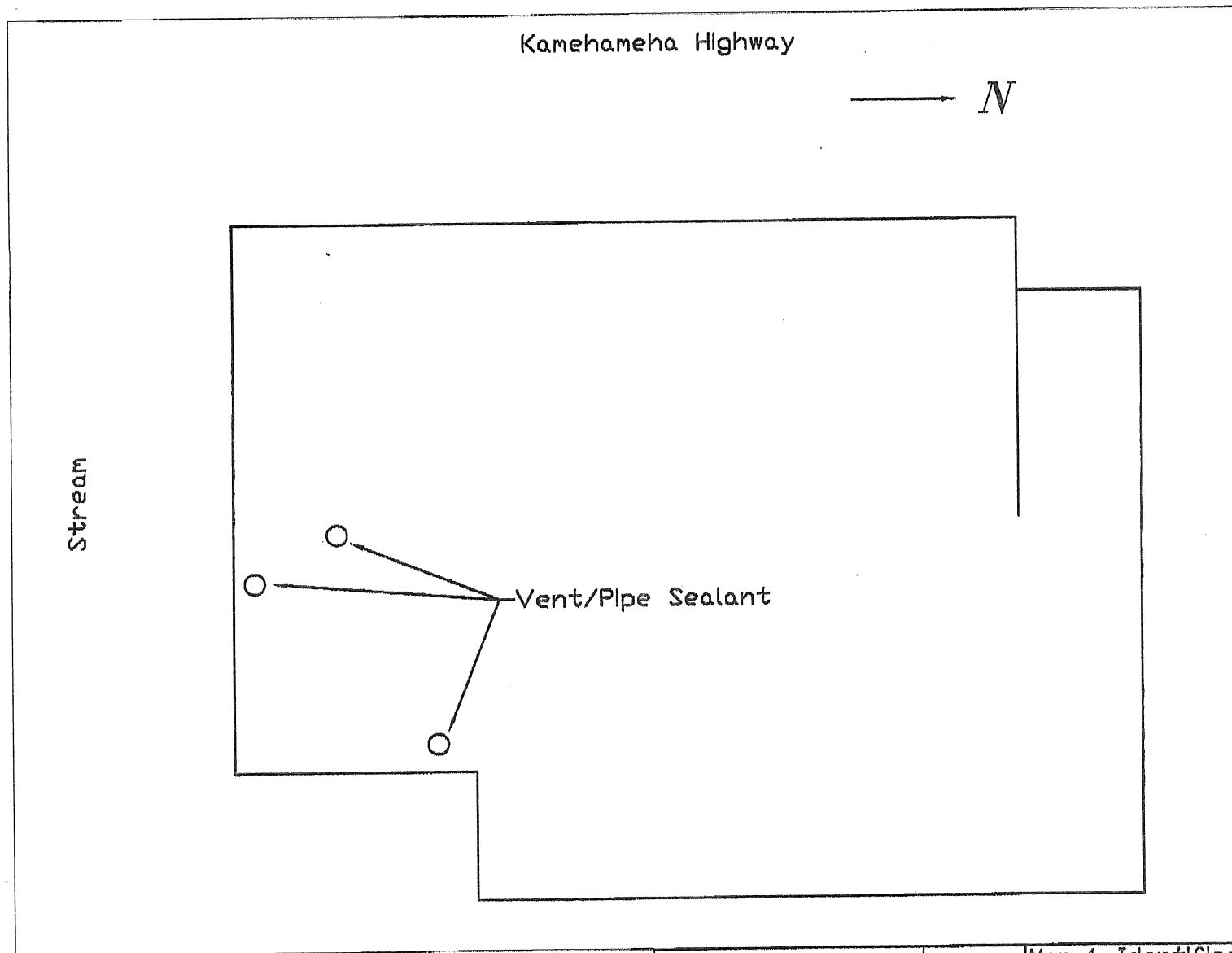
Attachment: Table 2: XRF Survey Results
Map 1
Laboratory Results

TABLE 2
XRF SURVEY RESULTS
Abandoned Single Story Structure
Kaipapau Stream Bridge Replacement

Sample ID	Area	Interior/ Exterior	Side	Structure	Substrate	Condition	Color	Pb Conc. (mg/cm ²)
Start Calibration - 1								1.24
Start Calibration - 2								1.18
Start Calibration - 3								1.17
L-1	Kitchen	Interior	North	Wall	Wood	Poor	Green	7.55
L-2	Kitchen	Interior	South	Wall	Wood	Poor	Green	6.51
L-3	Kitchen	Interior	West	Wall	Wood	Poor	Beige	3.25
L-4	Kitchen	Interior	Ceiling	Ceiling	Wood	Poor	Beige	1.22
L-5	Bathroom	Interior	East	Wall	Wood	Poor	Pink	7.35
L-6	Bathroom	Interior	West	Wall	Wood	Poor	Green	2.51
L-7	Bathroom	Interior	South	Wall	Wood	Poor	Green	3.16
L-8	Bathroom	Interior	North	Wall	Wood	Poor	Green	0.55
L-9	Bathroom	Interior	Ceiling	Ceiling	Wood	Poor	Blue	0.39
L-10	Bathroom	Interior	North	Door	Wood	Poor	Brown	0.61
L-11	Bathroom	Interior	North	Door Jamb	Wood	Poor	Brown	0.17
L-12	Living Room	Interior	North	Wall	Wood	Poor	Beige	2.56
L-13	Living Room	Interior	East	Wall	Wood	Poor	Beige	3.15
L-14	Living Room	Interior	South	Wall	Wood	Poor	Beige	1.31
L-15	Living Room	Interior	West	Wall	Wood	Poor	Beige	0.76
L-16	Living Room	Interior	North	Trim Wall	Wood	Poor	Green	0.55
L-17	Living Room	Interior	East	Trim Wall	Wood	Poor	Green	0.36
L-18	Living Room	Interior	West	Trim Wall	Wood	Poor	Green	0.26
L-19	Room #2	Interior	North	Wall	Wood	Poor	Beige	2.61
L-20	Room #2	Interior	East	Wall	Wood	Poor	Beige	3.65
L-21	Room #2	Interior	South	Wall	Wood	Poor	Beige	1.75
L-22	Room #2	Interior	West	Wall	Wood	Poor	Beige	2.51
L-23	Room #2	Interior	South	Window Frame	Wood	Poor	Brown	0.65
L-24	Room #2	Interior	West	Window Frame	Wood	Poor	Brown	0.37
L-25	Room #2	Interior	East	Door	Wood	Poor	Brown	0.39
L-26	Room #2	Interior	East	Door Jamb	Wood	Poor	Brown	0.55
L-27	Room #2	Interior	Ceiling	Ceiling	Wood	Poor	Beige	0.73
L-28	Room #1	Interior	North	Wall	Wood	Fair	Beige	1.75
L-29	Room #1	Interior	South	Wall	Wood	Fair	Beige	0.69
L-30	Room #1	Interior	West	Wall	Wood	Fair	Beige	1.56
L-31	Room #1	Interior	East	Wall	Wood	Fair	Beige	1.50
L-32	Room #1	Interior	East	Door	Wood	Fair	Brown	0.22
L-33	Room #1	Interior	East	Door Jamb	Wood	Fair	Brown	0.36
L-34	Room #1	Interior	East	Door	Wood	Fair	Brown	0.10
L-35	Living Room	Interior	East	Door Jamb	Wood	Fair	Brown	0.59
L-36	Room #1	Interior	North	Wall	Wood	Poor	Brown	1.29
L-37	Room #1	Interior	East	Wall	Wood	Poor	Brown	2.65
L-38	Room #1	Interior	South	Wall	Wood	Poor	Brown	0.55
L-39	Room #1	Interior	West	Wall	Wood	Poor	Brown	0.65
L-40	Room #1	Interior	West	Door Jamb	Wood	Fair	Green	0.52
L-41	Kitchen	Interior	East	Cabinets	Wood	Fair	Yellow	0.21
L-42	Kitchen	Interior	East	Cabinets	Wood	Fair	Yellow	0.18
L-43	Exterior	Exterior	South	Wall	Wood	Poor	Yellow	2.98
L-44	Exterior	Exterior	North	Wall	Wood	Poor	Yellow	7.15
L-45	Exterior	Exterior	South	Wall	Wood	Poor	Yellow	3.16
L-46	Exterior	Exterior	North	Wall	Wood	Poor	Yellow	2.15

XRF SURVEY RESULTS
Abandoned Single Story Structure
Kaipapau Stream Bridge Replacement

[illegible]



EnviroServices &
Training
Center LLC

Oct 2010

ETC#10-4039

Map 1. Identified
Asbestos-Containing
Materials - Kalpapau
Stream Bridge Replacement

NVL Laboratories, Inc.

4708 Aurora Ave. N., Seattle, WA 98103
Tel: 206.547.0100, Fax: 206.534.1936
www.nvllabs.com



For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Batch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Lab ID: 30076743 Client Sample #: A-1

Location: Hauula Bridge Replacement

Layer 1 of 4	Description: Black asphaltic fibrous material with granules and white paint			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Asphalt/Binder, Granules, Mineral grains	Glass fibers 28%	None Detected	ND
	Paint			
Layer 2 of 4	Description: Layered black asphaltic fibrous material with granules			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Asphalt/Binder, Granules, Mineral grains	Glass fibers 30%	None Detected	ND
Layer 3 of 4	Description: Black asphaltic fibrous material with red granules			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Asphalt/Binder, Granules	Cellulose 40%	None Detected	ND
Layer 4 of 4	Description: Black asphaltic fibrous material with trace silver paint			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Asphalt/Binder, Metallic paint	Cellulose 70%	None Detected	ND

Lab ID: 30076744 Client Sample #: A-2

Location: Hauula Bridge Replacement

Layer 1 of 3	Description: White soft material			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Binder/Filler	None Detected	ND	None Detected
Layer 2 of 3	Description: Layered black asphaltic fibrous material with granules			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Asphalt/Binder, Granules, Mineral grains	Glass fibers 27%	None Detected	ND
Layer 3 of 3	Description: Black asphaltic fibrous material (on wood)			
	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %	
	Asphalt/Binder	Cellulose 45%	None Detected	ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Batch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Lab ID: 30076745 Client Sample #: A-3

Location: Hauula Bridge Replacement

Layer 1 of 3	Description: White soft material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Binder/Filler	None Detected ND	None Detected ND
Layer 2 of 3	Description: Layered black asphaltic fibrous material with granules	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Asphalt/Binder, Granules, Mineral grains	Glass fibers 32%	None Detected ND
Layer 3 of 3	Description: Black asphaltic fibrous material (on trace wood)	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Asphalt/Binder	Cellulose 48%	None Detected ND

Lab ID: 30076746 Client Sample #: A-4

Location: Hauula Bridge Replacement

Layer 1 of 3	Description: Off-white soft material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Binder/Filler	None Detected ND	None Detected ND
Layer 2 of 3	Description: Black asphaltic material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Asphalt/Binder	None Detected ND	Chrysotile 6%
Layer 3 of 3	Description: Layered black asphaltic fibrous material with granules	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Asphalt/Binder, Granules	Glass fibers 12% Cellulose 20%	None Detected ND

Lab ID: 30076747 Client Sample #: A-5

Location: Hauula Bridge Replacement

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Layer 1 of 3	Description: Off-white soft material	Non-Fibrous Materials: Binder/Filler	Other Fibrous Materials:% None Detected ND	Asbestos Type: % None Detected ND
Layer 2 of 3	Description: Black asphaltic material	Non-Fibrous Materials: Asphalt/Binder	Other Fibrous Materials:% None Detected ND	Asbestos Type: % Chrysotile 6%
Layer 3 of 3	Description: Layered black asphaltic fibrous material with granules	Non-Fibrous Materials: Asphalt/Binder, Granules	Other Fibrous Materials:% Glass fibers 8% Cellulose 27%	Asbestos Type: % None Detected ND

Lab ID: 30076748 Client Sample #: A-6

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Off-white soft material	Non-Fibrous Materials: Binder/Filler	Other Fibrous Materials:% None Detected ND	Asbestos Type: % None Detected ND
Layer 2 of 2	Description: Black asphaltic material with trace paint	Non-Fibrous Materials: Asphalt/Binder, Paint	Other Fibrous Materials:% None Detected ND	Asbestos Type: % Chrysotile 6%

Lab ID: 30076749 Client Sample #: A-7

Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Black asphaltic material with gray surface and granules	Non-Fibrous Materials: Asphalt/Binder, Granules	Other Fibrous Materials:% Cellulose 7%	Asbestos Type: % None Detected ND
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Lab ID: 30076750 Client Sample #: A-8

Location: Hauula Bridge Replacement


Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Batch #: 3013630.00

Client Project #: 10-4039

Date Received: 10/19/2010

Samples Received: 30

Samples Analyzed: 30

Method: EPA/600R-93/116

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Black asphaltic material with gray surface and granules	Non-Fibrous Materials: Asphalt/Binder, Granules	Other Fibrous Materials: % Cellulose 9%	Asbestos Type: % None Detected ND
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Lab ID: 30076751 Client Sample #: A-9
Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Black asphaltic material with gray surface and granules	Non-Fibrous Materials: Asphalt/Binder, Granules	Other Fibrous Materials: % Cellulose 9%	Asbestos Type: % None Detected ND
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Lab ID: 30076752 Client Sample #: A-10
Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Gray hard brittle material	Non-Fibrous Materials: Binder/Filler, Mineral grains	Other Fibrous Materials: % None Detected ND	Asbestos Type: % None Detected ND
--------------	---	---	--	--------------------------------------

Lab ID: 30076753 Client Sample #: A-11
Location: Hauula Bridge Replacement

Layer 1 of 3	Description: Off-white hard brittle material	Non-Fibrous Materials: Binder/Filler, Mineral grains	Other Fibrous Materials: % None Detected ND	Asbestos Type: % None Detected ND
Layer 2 of 3	Description: Gray hard brittle material	Non-Fibrous Materials: Binder/Filler, Mineral grains	Other Fibrous Materials: % None Detected ND	Asbestos Type: % None Detected ND
Layer 3 of 3	Description: Light tan material (on trace wood)	Non-Fibrous Materials: Binder/Filler	Other Fibrous Materials: % None Detected ND	Asbestos Type: % None Detected ND

Lab ID: 30076754 Client Sample #: A-12
Location: Hauula Bridge Replacement

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Tel: 206.547.0100, Fax: 206.634.1936
www.nvllabs.com

For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge ReplacementBatch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Layer 1 of 3	Description: Off-white hard brittle material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Binder/Filler, Mineral grains	None Detected ND	None Detected ND
Layer 2 of 3	Description: Gray hard brittle material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Binder/Filler, Mineral grains	None Detected ND	None Detected ND
Layer 3 of 3	Description: Light tan material (on trace wood)	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Binder/Filler	None Detected ND	None Detected ND

Lab ID: 30076755 Client Sample #: A-13

Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Off-white powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	Cellulose 1%	None Detected ND

Lab ID: 30076756 Client Sample #: A-14

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Beige soft material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Binder/Filler	None Detected ND	None Detected ND
Layer 2 of 2	Description: Trace off-white powdery material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	None Detected ND

Lab ID: 30076757 Client Sample #: A-15

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Beige soft material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Binder/Filler	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Batch #: 3013630.00

Client Project #: 10-4039

Date Received: 10/19/2010

Samples Received: 30

Samples Analyzed: 30

Method: EPA/600R-93/116

Attention: **Mr. Kama Kobayashi**
Project Location: Hauula Bridge Replacement

Layer 2 of 2	Description: Trace off-white powdery material (on wood)	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	None Detected ND

Lab ID: 30076758 Client Sample #: A-16

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Clear soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Binder/Filler, Paint	None Detected ND	None Detected ND

Layer 2 of 2	Description: Off-white soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Lab ID: 30076759 Client Sample #: A-17

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Clear soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Binder/Filler, Paint	None Detected ND	None Detected ND

Layer 2 of 2	Description: Off-white soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Lab ID: 30076760 Client Sample #: A-18

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Clear soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Binder/Filler, Paint	None Detected ND	None Detected ND

Layer 2 of 2	Description: Off-white soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge ReplacementBatch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116**Lab ID: 30076761 Client Sample #: A-19**

Location: Hauula Bridge Replacement

Layer 1 of 3 Description: Dark red tile

Non-Fibrous Materials:
Calcareous particles, Vinyl/BinderOther Fibrous Materials:%
Cellulose 3%Asbestos Type: %
None Detected ND

Layer 2 of 3 Description: Clear soft adhesive

Non-Fibrous Materials:
Adhesive/BinderOther Fibrous Materials:%
None Detected NDAsbestos Type: %
None Detected ND

Layer 3 of 3 Description: Gray material (on wood)

Non-Fibrous Materials:
Calcareous particles, Binder/FillerOther Fibrous Materials:%
None Detected NDAsbestos Type: %
None Detected ND**Lab ID: 30076762 Client Sample #: A-20**

Location: Hauula Bridge Replacement

Layer 1 of 3 Description: Dark red tile

Non-Fibrous Materials:
Calcareous particles, Vinyl/BinderOther Fibrous Materials:%
Cellulose 3%Asbestos Type: %
None Detected ND

Layer 2 of 3 Description: Clear soft adhesive

Non-Fibrous Materials:
Adhesive/BinderOther Fibrous Materials:%
None Detected NDAsbestos Type: %
None Detected ND

Layer 3 of 3 Description: Gray thin material (on wood)

Non-Fibrous Materials:
Calcareous particles, Binder/FillerOther Fibrous Materials:%
None Detected NDAsbestos Type: %
None Detected ND**Lab ID: 30076763 Client Sample #: A-21**

Location: Hauula Bridge Replacement

Layer 1 of 3 Description: Dark red tile

Non-Fibrous Materials:
Calcareous particles, Vinyl/BinderOther Fibrous Materials:%
Cellulose 3%Asbestos Type: %
None Detected ND


Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Date: 10/19/2010

Reviewed by: Nick Ly

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Batch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Layer 2 of 3	Description: Clear soft adhesive	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Adhesive/Binder	None Detected ND	None Detected ND
Layer 3 of 3	Description: Gray thin material (on wood)	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	None Detected ND

Lab ID: 30076764 Client Sample #: A-22
Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Black woven asphaltic fibrous material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Asphalt/Binder, Paint	Cellulose 87%	None Detected ND

Lab ID: 30076765 Client Sample #: A-23
Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Black woven asphaltic fibrous material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Asphalt/Binder, Paint	Cellulose 90%	None Detected ND

Lab ID: 30076766 Client Sample #: A-24
Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Black woven asphaltic fibrous material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Asphalt/Binder, Paint	Cellulose 88%	None Detected ND

Lab ID: 30076767 Client Sample #: A-25
Location: Hauula Bridge Replacement

Layer 1 of 1	Description: Off-white soft material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Batch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Lab ID: 30076768 Client Sample #: A-26

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white soft material with paint

Non-Fibrous Materials:
Calcareous particles, Binder/Filler, Paint

Other Fibrous Materials:%
None Detected ND

Asbestos Type: %
None Detected ND

Lab ID: 30076769 Client Sample #: A-27

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white soft material with paint

Non-Fibrous Materials:
Calcareous particles, Binder/Filler, Paint

Other Fibrous Materials:%
None Detected ND

Asbestos Type: %
None Detected ND

Lab ID: 30076770 Client Sample #: A-28

Location: Hauula Bridge Replacement

Layer 1 of 3 Description: Brown hard compressed fibrous material with off-white surface

Non-Fibrous Materials:
Fine particles, Adhesive/Binder

Other Fibrous Materials:%
Cellulose 96%

Asbestos Type: %
None Detected ND

Layer 2 of 3 Description: Beige soft mastic

Non-Fibrous Materials:
Calcareous particles, Mastic/Binder

Other Fibrous Materials:%
None Detected ND

Asbestos Type: %
None Detected ND

Layer 3 of 3 Description: Off-white compacted powdery material with paint

Non-Fibrous Materials:
Caulking compound, Paint

Other Fibrous Materials:%
None Detected ND

Asbestos Type: %
None Detected ND

Lab ID: 30076771 Client Sample #: A-29

Location: Hauula Bridge Replacement

Layer 1 of 2 Description: Brown hard compressed fibrous material with paint

Non-Fibrous Materials:
Fine particles, Adhesive/Binder, Paint

Other Fibrous Materials:%
Cellulose 96%

Asbestos Type: %
None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Batch #: 3013630.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 30
Samples Analyzed: 30
Method: EPA/600R-93/116

Layer 2 of 2	Description: Brown hard compressed fibrous material with off-white/blue surface	Non-Fibrous Materials: Fine particles, Adhesive/Binder	Other Fibrous Materials:% Cellulose 95%	Asbestos Type: % None Detected ND
Lab ID: 30076772 Client Sample #: A-30 Location: Hauula Bridge Replacement				
Layer 1 of 3	Description: Brown hard compressed fibrous material with off-white surface	Non-Fibrous Materials: Fine particles, Adhesive/Binder	Other Fibrous Materials:% Cellulose 95%	Asbestos Type: % None Detected ND
Layer 2 of 3	Description: Brown hard compressed fibrous material with paint	Non-Fibrous Materials: Fine particles, Adhesive/Binder, Paint	Other Fibrous Materials:% Cellulose 95%	Asbestos Type: % None Detected ND
Layer 3 of 3	Description: Trace off-white soft mastic	Non-Fibrous Materials: Calcareous particles, Binder/Filler	Other Fibrous Materials:% None Detected ND	Asbestos Type: % None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/19/2010

Date: 10/19/2010

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-80%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

NVL Laboratories. Inc.

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Tel: 206.547.0100 Emerg. Cell: 206.914.4646

Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

BATCH ID

3013630.00

Client EnviroServices & Training CTR. LLC

Street 505 Ward Avenue, Suite 202

Honolulu, HI 96814

Project Manager Mr. Kama Kobayashi

Project Location Hawaii Bridge replacement

NVL Batch Number

Client Job Number 10-4659

Total Samples

Turn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 Days ☐ 5 Days
☐ 2-Hrs ☐ 12-Hrs ☐ 3 Days ☐ 6-10 Day
☐ 4-Hrs ☐ 24-Hrs ☐ 4 Days

Please call for TAT less than 24 Hrs

Email address kama@gotoetc.com

Phone: (808) 839-7222 Fax: (808) 839-4455

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> DustWipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
		<input type="checkbox"/> Soil	<input type="checkbox"/> Paint Chips in %		<input type="checkbox"/> Zinc (Zn)
		<input type="checkbox"/> Paint Chips in cm			
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		A-1	roofing mat	
2		A-2	"	
3		A-3	"	
4		A-4	vent/pipe sealant	
5		A-5	"	
6		A-6	"	
7		A-7	grey sealant mat	
8		A-8	"	
9		A-9	"	
10		A-10	tile grout - grey	
11		A-11	"	
12		A-12	"	
13		A-13	white sink sealant / purple sealant	
14		A-14	"	
15		A-15	"	

	Print Below	Sign Below	Company	Date	Time
Sampled by	K Kobayashi		Env	10/15/10	
Relinquished by	K Kobayashi		Env	10/18/10	
Received by	Sara King		NVL	10/19/10	9:00 Fedex
Analyzed by	Nadia		NVL	10/19/10	4:00 PM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

NVL Laboratories, Inc.

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Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

BATCH ID
3013630.00

Client EnviroServices & Training CTR, LLC
Street 505 Ward Avenue, Suite 202
Honolulu, HI 96814
Project Manager Mr. Kama Kobayashi
Project Location Hawaii Bridge Replacement

NVL Batch Number _____
Client Job Number 10-4034
Total Samples _____
Turn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 Days ☐ 5 Days
☐ 2-Hrs ☐ 12-Hrs ☐ 3 Days ☐ 6-10 Day
☐ 4-Hrs ☐ 24-Hrs ☐ 4 Days
Please call for TAT less than 24 Hrs
Email address kama@gotoetc.com

Phone: (808) 839-7222 Fax: (808) 839-4455

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
		<input type="checkbox"/> Soil	<input type="checkbox"/> Paint Chips in %		<input type="checkbox"/> Zinc (Zn)
		<input type="checkbox"/> Paint Chips in cm			
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	AIR
1		A-16	door sealant mat	
2		A-17	"	
3		A-18	"	
4		A-19	tile & mastic under carpet	
5		A-20	"	
6		A-21	"	
7		A-22	electrical wire wrap	
8		A-23	"	
9		A-24	"	
10		A-25	window sealant	
11		A-26	"	
12		A-27	"	
13		A-28	shower & tile mastic beige	
14		A-29	"	
15		A-30	"	

	Print Below	Sign Below	Company	Date	Time
Sampled by	K. Kobayashi		ETC	10/15/10	
Relinquished by	K. Kobayashi		ETC	10/17/10	
Received by	Dana King		NVL	10/19/10	9:00 FedEx
Analyzed by	Nedra		NVL	10/19/10	4:00 PM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

NVL Laboratories, Inc.

4708 Aurora Ave. N., Seattle, WA 98103
Tel: 206.547.0100, Fax: 206.634.1936
www.nvllabs.com



For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Batch #: 3013632.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600R-93/116

Lab ID: 30076775 Client Sample #: A-31

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white compacted powdery material with layered paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Caulking compound, Paint	None Detected ND	None Detected ND

Lab ID: 30076776 Client Sample #: A-32

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white compacted powdery material with layered paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Caulking compound, Paint	None Detected ND	None Detected ND

Lab ID: 30076777 Client Sample #: A-33

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white compacted powdery material with layered paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Caulking compound, Paint	None Detected ND	None Detected ND

Lab ID: 30076778 Client Sample #: A-34

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white soft material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Lab ID: 30076779 Client Sample #: A-35

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white soft material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prysyzhnyuk

Reviewed by: Nick Ly

Date: 10/20/2010

Date: 10/20/2010

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Bulk Asbestos Fibers Analysis

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Client: EnviroServices & Training CTR, LLC

Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi

Project Location: Hauula Bridge Replacement

Batch #: 3013632.00

Client Project #: 10-4039

Date Received: 10/19/2010

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Lab ID: 30076780 Client Sample #: A-36

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white soft material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Lab ID: 30076781 Client Sample #: A-37

Location: Hauula Bridge Replacement

Layer 1 of 1 Description: Off-white soft material with layered paint (on wood)

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Lab ID: 30076782 Client Sample #: A-38

Location: Hauula Bridge Replacement

Layer 1 of 2 Description: Clear soft material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Binder/Filler, Paint	None Detected ND	None Detected ND

Layer 2 of 2 Description: Off-white powdery material with paint (on wood)

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Fine particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Lab ID: 30076783 Client Sample #: A-39

Location: Hauula Bridge Replacement

Layer 1 of 2 Description: Clear soft material with paint

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Binder/Filler, Paint	None Detected ND	None Detected ND

Layer 2 of 2 Description: Off-white powdery material with paint (on wood)

Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
Fine particles, Binder/Filler, Paint	None Detected ND	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 10/20/2010

Date: 10/20/2010

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-80%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi
Project Location: Hauula Bridge Replacement

Batch #: 3013632.00
Client Project #: 10-4039
Date Received: 10/19/2010
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600R-93/116

Lab ID: 30076784 Client Sample #: A-40

Location: Hauula Bridge Replacement

Layer 1 of 2 Description: Off-white brittle material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles/Binder, Mineral grains

None Detected ND

None Detected ND

Layer 2 of 2 Description: Gray cementitious material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Cement/Binder

None Detected ND

None Detected ND

Lab ID: 30076785 Client Sample #: A-41

Location: Hauula Bridge Replacement

Layer 1 of 2 Description: Trace off-white brittle material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles/Binder, Mineral grains

None Detected ND

None Detected ND

Layer 2 of 2 Description: Gray cementitious material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Cement/Binder

None Detected ND

None Detected ND

Lab ID: 30076786 Client Sample #: A-42

Location: Hauula Bridge Replacement

Layer 1 of 2 Description: Trace off-white brittle material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles/Binder, Mineral grains

None Detected ND

None Detected ND

Layer 2 of 2 Description: Gray cementitious material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Cement/Binder

None Detected ND

None Detected ND

Lab ID: 30076787 Client Sample #: A-43

Location: Hauula Bridge Replacement

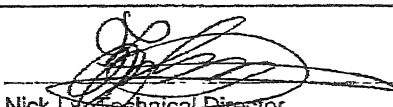
Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Date: 10/20/2010

Reviewed by: Nick Ly

Date: 10/20/2010


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: EnviroServices & Training CTR, LLC

Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Attention: Mr. Kama Kobayashi

Project Location: Hauula Bridge Replacement

Batch #: 3013632.00

Client Project #: 10-4039

Date Received: 10/19/2010

Samples Received: 15

Samples Analyzed: 15

Method: EPA/600R-93/116

Layer 1 of 2	Description: Off-white soft material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND	
Layer 2 of 2	Description: Off-white soft putty material with paint (on wood)			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND	

Lab ID: 30076788 Client Sample #: A-44

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Off-white soft material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND	
Layer 2 of 2	Description: Off-white soft putty material with paint (on wood)			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND	

Lab ID: 30076789 Client Sample #: A-45

Location: Hauula Bridge Replacement

Layer 1 of 2	Description: Off-white soft material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND	
Layer 2 of 2	Description: Off-white soft putty material with paint (on trace wood)			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND	

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 10/20/2010

Date: 10/20/2010

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using EPA 600/R-93/116 Method with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government.

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Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

**CHAIN of CUSTODY
SAMPLE LOG**

BATCH ID

3013632.00Client EnviroServices & Training CTR, LLC

NVL Batch Number

Street 505 Ward Avenue, Suite 202Client Job Number 10-403A

Honolulu, HI 96814

Total Samples

Project Manager Mr. Kama KobayashiTurn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 Days ☐ 5 Days
☐ 2-Hrs ☐ 12-Hrs ☐ 3 Days ☐ 6-10 Day
☐ 4-Hrs ☐ 24-Hrs ☐ 4 DaysProject Location Hawaii Bridge Replacement

Please call for TAT less than 24 Hrs

Email address kama@gotoetc.com

Phone: (808) 839-7222 Fax: (808) 839-4455

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
		<input type="checkbox"/> Soil	<input type="checkbox"/> Paint Chips in %		<input type="checkbox"/> Zinc (Zn)
		<input type="checkbox"/> Paint Chips in cr			
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		A-31	Wall plaster on wall	
2		A-32	"	
3		A-33	"	
4		A-34	air sealant	
5		A-35	"	
6		A-36	"	
7		A-37	Wall Sealant between seams	
8		A-38	"	
9		A-39	"	
10		A-40	CMJ concrete - interior	
11		A-41	"	
12		A-42	"	
13		A-43	ext. window sealant	
14		A-44	"	
15		A-45	"	

	Print Below	Sign Below	Company	Date	Time
Sampled by	K Kobayashi	[Signature]	ETL	10/15/10	
Relinquished by	V Kingman	[Signature]	ETL	10/18/10	
Received by	Sara Kurogi	[Signature]	NVL	10/19/10	9:05 FedEx
Analyzed by	Nadine	[Signature]	NVL	10/20/10	9:55 AM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

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Analysis Report

AIHA - IH # 101861
WA - DOE # C1765

**Total Metals**

Client: EnviroServices & Training CTR, LLC
Address: 505 Ward Avenue, Suite 202
Honolulu, HI 96814

Batch #: 3013633.00

Matrix: Bulk

Method: EPA 6010

Client Project #: 10-4039

Date Received: 10/19/2010

Samples Received: 1

Samples Analyzed: 1

Attention: Mr. Kama Kobayashi

Project Location: Hauula Bridge Replacement

Lab ID	Client Sample #	Elements	Sample wt (g)	RL mg / kg	Results in mg / kg	Results in ppm
30076790	ARS-1	Arsenic (As)	0.2035	20.0	< 20.0	< 20.0

Sampled by: Client

Analyzed by: Yasuyuki Hida

Reviewed by: Nick Ly

Date Analyzed: 10/20/2010

Date Issued: 10/20/2010


Nick Ly, Technical Director

mg/ kg = Milligrams per kilogram

ppm = Parts per million

Note : Method QC results are acceptable unless stated otherwise.

Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit

'<' = Below the reporting Limit

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Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

BATCH ID

3013633.00

Client EnviroServices & Training CTR, LLC

Street 505 Ward Avenue, Suite 202

Honolulu, HI 96814

Project Manager Mr. Kama Kobayashi

Project Location Honolulu bridge replacement

NVL Batch Number

Client Job Number 10-4029

Total Samples 1

Turn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 Days ☐ 5 Days
☐ 2-Hrs ☐ 12-Hrs ☐ 3 Days ☐ 6-10 Day
☐ 4-Hrs ☐ 24-Hrs ☐ 4 Days

Please call for TAT less than 24 Hrs

Email address kama@gotoetc.com

Phone: (808) 839-7222 Fax: (808) 839-4455

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input type="checkbox"/> Asbestos Bulk	<input type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	<input checked="" type="checkbox"/> <u>SWR</u>	RCRA Metals	<input type="checkbox"/> All 8
<input checked="" type="checkbox"/> Total Metals	<input checked="" type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Soil	<input checked="" type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Paint Chips in %	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Paint Chips in cm	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Silica	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Respirable Dust	<input type="checkbox"/> Other (Specify) _____
				<input type="checkbox"/> All 3	<input type="checkbox"/> Copper (Cu)
					<input type="checkbox"/> Nickel (Ni)
					<input type="checkbox"/> Zinc (Zn)

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g Sample are, Sample Volume, etc)	A/R
1		<u>105-1</u>	<u>Composite during water particle board</u>	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	<u>K Kobayashi</u>	<u>[Signature]</u>	<u>FEZ</u>	<u>10/15</u>	
Relinquished by	<u>K Kobayashi</u>	<u>[Signature]</u>	<u>FEZ</u>	<u>10/17</u>	
Received by	<u>Sala King</u>	<u>[Signature]</u>	<u>NU</u>	<u>10/19/10</u>	<u>9:00 AM</u>
Analyzed by	<u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>10/20/10</u>	<u>12:00</u>
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.