

## MALUHIA, A LONG TERM HEALTH CARE FACILITY

HAWAII HEALTH SYSTEMS CORPORATION

1027 Hala Drive = Honolulu, Hawaii 96817 = Telephone: (808) 832-6124 = Secure Fax: (808) 832-3897

March 28, 2022

TO: Interested Bidders

- FROM: Scott Kawai *And Kawa* Contracts Department
- SUBJECT: Addendum No. 1 IFB No. 22M-0337 Maluhia Renovation of Rooms

Addendum No. 1 provides clarifications for the subject solicitation.

INVITATION FOR BIDS for MALUHIA RENOVATION OF ROOMS 1027 Hala Drive Honolulu, Oahu, Hawaii

IFB NO. 22M-0337

## ADDENDUM NO. 1

MARCH 23, 2022

The items listed hereinafter are hereby made a part of the contract for the above project and shall govern the work, taking precedence over previously issued plans and specifications governing the items mentioned:

#### A. <u>SUBSTITUTIONS OF MATERIALS AND EQUIPMENT</u>

Substitution of materials and equipment for this project has been reviewed with the following actions noted:

<u>SECTION</u>	SPECIFIED	<u>SUBSTITUTION</u>	<u>ACTION</u>
08400	Arcadia AFG-451 Arcadia MS362HD	Kawneer 451 Front Set Kawneer 350HD	Approved Approved
08520	Arcadia T200	Kawneer 8225TL	Approved

B. <u>CLARIFICATIONS</u>

The following questions were received in writing concerning clarifications to the contract documents. Clarifications will be addressed in amendment.

- Question: Sheet T-1.0 refers to Limited Inspection Report for Asbestos and Lead-Based Paint. Please provide copy of report. Answer: See attached Limited Inspection Report for Asbestos and Lead-Based Pant, Maluhia Hospital Window Replacement, by EnviroQuest, Inc, July 2013, pages 1-32. This was prepared for a previous project, however, is applicable to work on this project.
- 2. Question: Please provide photos:
  - a. Interior and exterior locations of doors and windows to be replaced.
  - b. File Room location scheduled to receive new wall.
  - c. Ceiling at 2<sup>nd</sup> and 3<sup>rd</sup> floors scheduled to receive electrical modifications.

Answer: See attached Photos of items noted. However, to avoid misinterpretation of information requested, the Contractor should conduct their own field survey. Section 00800 – SPECIAL PROVISIONS, paragraph 1.08, E allows for visitation of the site. Also comply with paragraph 1.07 for COVID 19 requirements and protocol. The location of the File Room is located on Sht. A-7.0 Basement Plan.

ADDENDUM NO. 1

3. Question: Please indicate new wall height at File Room.

Answer: D/A-7.0 notes the height needs to be "Field Verified". Condition is existing. Contractor may verify during field investigation.

4. Question: Section 2, Scope of Services, Paragraph 2.0 states, "Secure all necessary permits and licenses required for the project prior to its commencement." Please confirm that the building permit application will be processed by the Owner/Architect and Contractor is only required to pay for building permit fee prior to commencement of project.

Answer: Permits will not be required for this project. Contractor and sub-contractors shall have appropriate licenses for work to be performed.

5. Question: Section 2, Scope of Services, Paragraph 2.0 states, "Demolition of windows, plumbing fixtures, lighting, floor slab, and work as shown in the Plans," and "Installation of new windows, fixtures, and work as shown in the Plans," and "Installation of new windows, fixtures, and work as shown in the Plans." Plans do not indicate work to plumbing fixtures, lighting nor floor slab. Please clarify intent.

Answer: Items noted were listed erroneously. Contractor shall bid based on the work noted on the Plans and Specifications.

END OF ADDENDUM NO. 1



ADDENDUM NO. 1 IFB NO. 22M-0337 3/23/22

## LIMITED INSPECTION REPORT FOR ASBESTOS AND LEAD-BASED PAINT

Maluhia Hospital Window Replacement

Prepared for:

Pacific Architects, Inc. 2020 South King Street Honolulu, Hawaii 96826

Prepared by:

EnviroQuest, Inc. 98-029 Hekaha Street, Suite 21 Aiea, Hawaii 96701 808.486.5881 eqi@enviroquestinc.com

July 2013

**ENVIROQUEST Project 7266** 



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## **EXECUTIVE SUMMARY**

ENVIROQUEST, INC. (EQI) was retained by Pacific Architects, Inc. to conduct a limited hazardous material inspection of Maluhia Hospital located in Honolulu, Hawaii. The inspection was conducted on July 16, 2013, and was limited to materials that will be disturbed during the window replacement.

The objective of the inspection was to determine the location of asbestos-containing materials (ACMs) and lead-based paints (LBPs) which may be disturbed during the replacement of the windows

### Asbestos Containing Material

The listed materials were identified as asbestos-containing materials.

Material	Location	Condition <sub>1</sub>	Est Qty (ft <sup>2</sup> )
White painted interior and green painted exterior cementitious panels	Basement, 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> floors, panels below and above windows	Good	2000
2'x4' ribbon fissured and pinhole design ceiling tile	Basement, CSR ceiling	Good	100

The ACM was found to be in good condition and no immediate abatement action is necessary. However, due to the likelihood of disturbance during the renovation, the material must be removed prior to the renovation activity. All removal must be completed by a certified asbestos abatement contractor under controlled conditions in accordance with Environmental Protection Agency (EPA) and Hawaii Department of Health (HDOH) regulations. Work should also be monitored by an independent industrial hygiene professional.

## Lead-based Paint

Lead-based paint was not identified in this inspection. EPA defines lead-based paint as paint or other coatings containing lead equal to, or in excess of, 0.5% by weight. However, lead at concentrations below the EPA guideline was detected for various coatings.

The contractor's employees removing or disturbing the painted material also must be informed that it contains lead and must have received training under OSHA 29 CFR 1926.62 *Lead* and HIOSH 12-148.1 *Lead*. If any other untested paints are disturbed, they should be assumed to contain lead.



# **1.0 INTRODUCTION**

This report presents the results of the limited hazardous material inspection of Maluhia Hospital located in Honolulu, Hawaii. The inspection was conducted on July 16, 2013, and was limited to materials that will be disturbed during the window replacement.

The objective of the inspection was to determine the location of ACMs and LBPs which may be disturbed during the replacement of the windows.



# 2.0 ASBESTOS

Fifty-seven samples were collected from suspect asbestos-containing materials.

## 2.1 Methodology

Prior to sampling, EQI visually surveyed Maluhia Hospital for suspect asbestos-containing materials and homogeneous areas (areas that have uniform color, texture, and appearance). Suspect materials were divided into friable and non-friable materials and placed in one of the following EPA categories:

- Surfacing Materials (sprayed or troweled-on materials)
- Thermal Systems Insulations (materials generally applied to various mechanical systems)
- Miscellaneous Materials (any materials which do not fit in the above categories)

Sampling methodology followed the general guidelines for bulk asbestos sampling as presented in Section 40, Part 763 (AHERA) of the Code of Federal Regulations (CFR) and Hawaii Administrative Rules (HAR) 11-501 and 11-502.

## 2.2 Results

Samples were submitted to Forensic Analytical in Rancho Dominguez, California. The samples were analyzed by polarized-light microscopy (PLM), using EPA Method 600/R-93-116, Visual Area Estimation.

Forensic Analytical is accredited for bulk asbestos analysis through successful participation in the US Department of Commerce, National Institute of Standards and Technologies (NIST), and National Voluntary Laboratory Accreditation Program (NVLAP). The laboratory is currently registered to provide asbestos laboratory services in the State of Hawaii under Title 11 of the HAR, Chapter 504.

Based on the laboratory analytical report, five of the 57 samples were identified as ACM. The National Emission Standard for Hazardous Air Pollutants (NESHAP), 40 CFR 61 Part M, defines asbestos containing materials as those which contain greater than 1% asbestos. NESHAP also categorizes ACM as either being a friable material, a Category I non-friable material or a Category II non-friable material. Friable materials are defined as those that can be reduced to powder by hand pressure. Category I non-friable materials are the asphalt roofing materials, resilient floor covering, excluding linoleum, packings, and gaskets. Category II non-friable materials materials are the cementitious materials such as stucco and asbestos cement board. In accordance with NESHAP requirements, samples consisting of distinct layers of materials were analyzed and reported separately by the laboratory. NESHAP also states that if asbestos is identified in amounts less than 10%, the owner or operator of the building must elect to assume the amount to be greater than 1% and treat the material as asbestos-containing material or request verification of the amount by point counting. No samples were point counted for this report.

A summary of the homogeneous materials is presented in Table 1. The laboratory analytical report and chain of custody forms are included in Appendix 1



TABLE 1 Homogeneous Material Summary Maluhia Hospital, Window Replacement

Homogeneous Material	ACM <sub>1</sub> (Y/N)	Location	Sample ID	Friable (Y/N)	Est Qty (ACM) (ft <sup>2</sup> )	Condition <sub>2</sub>	Photo No.
Black caulking	N	Basement, 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> floors, window frames	7266071601 7266071602 7266071603 7266071610 7266071611 7266071612 7266071619 7266071620 7266071621 7266071643 7266071643 7266071644 7266071645	N	-	G	1
White painted interior and green painted exterior cementitious panels	Y	Basement, 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> floors, panels below and above windows	7266071604 7266071605 7266071606 7266071616 7266071617 7266071618 7266071628 7266071629 7266071629 7266071630 7266071650 7266071650	Y	2000	G	2,3

ACM=>1% asbestos content
 Good (G); Damaged (D) <10% distributed or 25% localized; Significant Damage (SD), >10% distributed or 25% localized;



# **TABLE 1 (continued)**Homogeneous Material SummaryMaluhia Hospital, Window Replacement

Homogeneous Material	ACM₁ (Y/N)	Location	Sample ID	Friable (Y/N)	Est Qty (ACM) (ft <sup>2</sup> )	Condition <sub>2</sub>	Photo No.
2'x4' fissured and pinhole design ceiling tile	Ν	Basement, 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> floor, ceiling	7266071607 7266071608 7266071609 7266071613 7266071614 7266071615 7266071622 7266071623 7266071624 7266071624 7266071646 7266071647 7266071648	Y	-	G	4
2'x4' pinhole design ceiling tile	Ν	1 <sup>st</sup> floor, ceiling	7266071625 7266071626 7266071627	Y	-	G	5
Black caulking (hard)	Ν	Sun deck, exterior window frame	7266071631 7266071632 7266071633	Ν	-	G	6
Black rubber-like caulking	Ν	Exterior window glazing	7266071634 7266071635 7266071636	Ν	-	G	6
Gray caulking	Ν	Sun deck, exterior cementitious panel glazing	7266071637 7266071638 7266071639	Ν	-	G	6
2'x4' ribbon fissured and pinhole design ceiling tile	Y	Basement, CSR, ceiling tile	7266071640 7266071641 7266071642	Y	100	G	7
White chalky coating and black caulking	Ν	1 <sup>st</sup> floor, exterior window frame near handi- van parking	7266071652 7266071653 7266071654	Ν	-	G	8
Dark gray caulking	Ν	1 <sup>st</sup> floor, exterior near handi-van parking	7266071655 7266071656 7266071657	Ν	-	G	8

1. ACM=>1% asbestos content

2. Good (G); Damaged (D) <10% distributed or 25% localized; Significant Damage (SD), >10% distributed or 25% localized;



# 3.0 LEAD

Three paint chip samples were collected from painted or coated materials.

## 3.1 Methodology

Prior to sampling, EQI visually surveyed Maluhia Hospital for painted building components. Our sampling methodology generally followed the "Guidelines for the Evaluation and Control of Lead-Based Paint Hazard in Housing" published by the Department of Housing and Urban Development (HUD) in 1995.

### 3.2 Results

Samples were submitted to Hygeia Laboratories, Inc. in Sierra Madre, California. The samples were analyzed in accordance with EPA Method 7420, Atomic Absorption Spectroscopy. Hygeia is accredited for lead analysis through successful participation in the American Industrial Hygiene Association's (AIHA) Environmental Lead Laboratory Accreditation Program (ELLAP).

Based on the laboratory analytical report, none of the 3 paint samples collected exceeded the EPA threshold of 0.5% lead by weight. The EPA defines lead-based paint as paint or other coatings containing lead equal to, or in excess of, 0.5 percent lead by weight.

A summary of lead paint is presented in Table 2. The laboratory analytical report and chain of custody forms are included in Appendix 2.



## TABLE 2 Lead Paint Summary BY AAS Maluhia Hospital, Window Replacement

Paint Color	Int/Ext	LBP <sub>1</sub> (Y/N)	LCP <sub>2</sub> (Y/N)	Paint Location	Sample ID	Condition <sub>3,4</sub>	Photo No.
Beige	Int	N	Y	Concrete walls, columns, and cementitious panels	7266071601L	Intact	9
Green over beige	Ext	N	Y	Concrete cementitious panels	7266071603L	Intact	10
Beige over green	Ext	N	Y	Concrete walls and columns	7266071603L	Intact	10

1. LBP = >0.5% lead by weight 2. LCP = >0% but <0.5% 3. Exterior: Intact – Entire surface is intact; Fair -  $\leq$  10ft<sup>2</sup>; Poor - >10 ft<sup>2</sup> 4. Interior: Intact – Entire surface is intact; Fair -  $\leq$  2ft<sup>2</sup> or  $\leq$  10%; Poor - >2 ft<sup>2</sup> or >10%



# 4.0 CONCLUSION

### 4.1 Asbestos-Containing Materials

The listed materials were identified as asbestos-containing materials.

Material	Location	Condition <sub>1</sub>	Est Qty (ft <sup>2</sup> )
White painted interior and green painted exterior cementitious panels	Basement, 1 <sup>st</sup> , 2 <sup>nd</sup> , and 3 <sup>rd</sup> floors, panels below and above windows	Good	2000
2'x4' ribbon fissured and pinhole design ceiling tile	Basement, CSR ceiling	Good	100

The ACM was found to be in good condition and no immediate abatement action is necessary. However, due to the likelihood of disturbance during the renovation, the material must be removed prior to the renovation activity. All removal must be completed by a certified asbestos abatement contractor under controlled conditions in accordance with EPA and HDOH regulations. Work should also be monitored by an independent industrial hygiene professional.

### 4.2 Lead-Based Paint

Lead-based paint was not identified in this inspection. EPA defines lead-based paint as paint or other coatings containing lead equal to, or in excess of, 0.5% by weight. However, lead at concentrations below the EPA guideline was detected for various coatings.

The contractor's employees removing or disturbing the painted material also must be informed that it contains lead and must have received training under OSHA 29 CFR 1926.62 *Lead* and HIOSH 12-148.1 *Lead*. If any other untested paints are disturbed, they should be assumed to contain lead.



# 5.0 LIMITATIONS

The information set forth is based solely on the agreed upon scope of services, on personal observation, laboratory data, and information provided by Pacific Architects, Inc.

Although this inspection provides information on the relative presence or absence of asbestoscontaining materials and lead-based paint, it should not be construed as a final statement that all hazardous materials have been identified.

Given the often obscure and elusive nature of hazardous materials, it is never possible to absolutely dismiss the possibility of additional hazardous materials. EnviroQuest, Inc. expressly disclaims any and all liability, representations, expressed or implied, contained in, or for omission from this report, or any other written or oral communication which might be interpreted as establishing the total extent of all liability present at the subject property.

Our services have been performed with usual thoroughness and competence of the consulting profession, in accordance with the standard of professional services at this time. No other warranty or representation, either expressed or implied is included or intended.

Any question regarding our work and this report, the presentation of the information, and the interpretation of the data are welcome and should be referred to the undersigned. EQI greatly appreciates this opportunity to assist you with your industrial hygiene needs. We look forward to working with you again in the future.

pagen Inborn

Jason Turban Industrial Hygiene Technician HIASB – 3421

Asbestos Laboratory Analytical Report

Appendix A

EnviroQuest, Inc.

# Bulk Asbestos Analysis (EPA Method 600/R-93-116, Visual Area Estimation)

EnviroQuest, Inc. Steve Tanaka 98-029 Hekaha Street Suite 21 Aiea, HI 96701					Client ID: Report Number Date Received Date Analyzed Date Printed: First Reported	7104 er: B17973 : 07/17/1 l: 07/22/1 07/22/1 l: 07/22/1	35 3 3 3 3
Job ID/Site: 7266; Maluhia Hospital, Wi	indow Repla	cement			FALI Job ID: Total Samples	7104 Submitted:	57
Date(3) Concettu. 0//10/2013			<b>D</b>		Total Samples	Analyzed:	47
Sample ID	Lab Numbe	Asbestos er Type	Layer	Asbestos Type	Layer	Asbestos Type	Layer
7266071601 Layer: Dark Grey Non-Fibrous Material	50810077		ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071602 Layer: Black Non-Fibrous Material	50810078		ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071603 Layer: Black/White Non-Fibrous Materi	50810079 al		ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
<b>7266071604</b> Layer: Beige Semi-Fibrous Material Layer: Paint	50810080	Chrysotile	10 % ND				
Total Composite Values of Fibrous Com Cellulose (Trace) Fibrous Glass (Tr	ponents: ace)	Asbestos (10%)					
7266071605	50810081						
Comment: Sample not analyzed due to	prior positiv	e result in series.					
7266071606	50810082						
Comment: Sample not analyzed due to	prior positiv	e result in series.					
<b>7266071607</b> Layer: Beige Fibrous Material Layer: Paint	50810083		ND ND				
Total Composite Values of Fibrous ComCellulose (35 %)Fibrous Glass (45	ponents: %)	Asbestos (ND)					
<b>7266071608</b> Layer: Beige Fibrous Material Layer: Paint	50810084		ND ND				
Total Composite Values of Fibrous ComCellulose (35 %)Fibrous Glass (45	ponents: %)	Asbestos (ND)					

Client Name: EnviroQuest, Inc.					Report Numb Date Printed:	er: B1797 07/22/	735 713
Sample ID	Lab Numbe	Asbestos er Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>7266071609</b> Layer: Beige Fibrous Material Layer: Paint	50810085		ND ND				
Total Composite Values of Fibrous ConCellulose (35 %)Fibrous Glass (43)	mponents: 5 %)	Asbestos (ND)					
7266071610 Layer: Black/White Non-Fibrous Mate	50810086 rial		ND				
Total Composite Values of Fibrous Con Cellulose (Trace)	mponents:	Asbestos (ND)					
7266071611 Layer: Black Non-Fibrous Material	50810087		ND				
Total Composite Values of Fibrous Con Cellulose (Trace)	mponents:	Asbestos (ND)					
7266071612 Layer: Black Non-Fibrous Material	50810088		ND				
Total Composite Values of Fibrous Con Cellulose (Trace)	mponents:	Asbestos (ND)					
<b>7266071613</b> Layer: Beige Fibrous Material Layer: Paint	50810089		ND ND				
Total Composite Values of Fibrous ConCellulose (35 %)Fibrous Glass (43)	mponents: 5 %)	Asbestos (ND)					
<b>7266071614</b> Layer: Beige Fibrous Material Layer: Paint	50810090		ND ND				
Total Composite Values of Fibrous ConCellulose (35 %)Fibrous Glass (43)	mponents: 5 %)	Asbestos (ND)					
<b>7266071615</b> Layer: Beige Fibrous Material Layer: Paint	50810091		ND ND				
Total Composite Values of Fibrous ConCellulose (35 %)Fibrous Glass (43)	mponents: 5 %)	Asbestos (ND)					
<b>7266071616</b> Layer: Beige Semi-Fibrous Material Layer: Paint	50810092	Chrysotile	10 % ND				
Total Composite Values of Fibrous Con Cellulose (Trace) Fibrous Glass (T	mponents: Trace)	Asbestos (10%)	)				
7266071617 Comment: Sample not analyzed due to	50810093	e result in series					
7266071618 Comment: Sample not analyzed due to	50810094	e result in series.					

Client Name: EnviroQuest Inc					Report Number	er: B1797	35
Chent Ivanie. Enviroquest, ne.		Ashestos	Dercent in	Asbestos	Date I I litteu.	Asbestos	Dercent in
Sample ID	Lab Numbe	er Type	Layer	Туре	Layer	Type	Layer
7266071619	50810095						
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071620 Layer: Black Non-Fibrous Material	50810096		ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071621 Layer: Black Non-Fibrous Material	50810097		ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
<b>7266071622</b> Layer: Beige Fibrous Material Layer: Paint	50810098		ND ND				
Total Composite Values of Fibrous ComCellulose (35 %)Fibrous Glass (45	nponents: %)	Asbestos (ND)					
<b>7266071623</b> Layer: Beige Fibrous Material Layer: Paint	50810099		ND ND				
Total Composite Values of Fibrous ComCellulose (35 %)Fibrous Glass (45	nponents: %)	Asbestos (ND)					
<b>7266071624</b> Layer: Beige Fibrous Material Layer: Paint	50810100		ND ND				
Total Composite Values of Fibrous ComCellulose (35 %)Fibrous Glass (45	nponents: %)	Asbestos (ND)					
7266071625 Layer: Grey Fibrous Material	50810101		ND				
Total Composite Values of Fibrous ComCellulose (10 %)Fibrous Glass (75	nponents: %)	Asbestos (ND)					
7266071626 Layer: Grey Fibrous Material	50810102		ND				
Total Composite Values of Fibrous ComCellulose (10 %)Fibrous Glass (75	nponents: %)	Asbestos (ND)					
7266071627 Layer: Grey Fibrous Material	50810103		ND				
Total Composite Values of Fibrous ComCellulose (10 %)Fibrous Glass (75	nponents: %)	Asbestos (ND)					

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Client Name: EnviroQuest, Inc.					Report Numbe Date Printed:	er: B1797 07/22/	735 /13
Sample ID	Lab Numbe	Asbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>7266071628</b> Layer: Beige Semi-Fibrous Material Layer: Paint	50810104	Chrysotile	10 % ND				
Total Composite Values of Fibrous Cor Cellulose (Trace) Fibrous Glass (T	nponents: race)	Asbestos (10%)					
7266071629	50810105	a. • •					
Comment: Sample not analyzed due to	prior positive	e result in series.					
7266071630 Comment: Sample not analyzed due to	50810106 prior positive	e result in series					
7266071631 Layer: Black Non-Fibrous Material	50810107	i court in series.	ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					
<b>7266071632</b> Layer: Black Non-Fibrous Material Total Composite Values of Fibrous Cor	50810108	Asbestos (ND)	ND				
Cellulose (Trace)							
7266071633 Layer: Black Non-Fibrous Material	50810109		ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					
7266071634 Layer: Black Non-Fibrous Material	50810110		ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					
7266071635 Layer: Black Non-Fibrous Material	50810111		ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					
7266071636 Layer: Black Non-Fibrous Material	50810112		ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					
7266071637 Layer: Dark Grey Non-Fibrous Materia	50810113 Il		ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					
7266071638 Layer: Dark Grey Non-Fibrous Materia	50810114 Il		ND				
Total Composite Values of Fibrous Cor Cellulose (Trace)	nponents:	Asbestos (ND)					

Client Name: EnviroQu	uest, Inc.				Report Numb Date Printed:	er: B1797 07/22	735 /13
Sample ID	Lab Numbe	Asbestos er Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7266071639 Layer: Black Non-Fib	50810115 prous Material		ND				
Total Composite Valu Cellulose (Trace)	es of Fibrous Components:	Asbestos (ND)					
<b>7266071640</b> Layer: Beige Fibrous Layer: Paint	50810116 Material	Chrysotile	2 % ND				
Total Composite Valu Cellulose (2 %) F	ues of Fibrous Components: Fibrous Glass (90 %)	Asbestos (2%)					
7266071641	50810117						
Comment: Sample no	ot analyzed due to prior positive	e result in series.					
7266071642	50810118						
Comment: Sample no	ot analyzed due to prior positive	e result in series.					
7266071643 Layer: Black Non-Fib	50810119 prous Material		ND				
Total Composite Valu Cellulose (Trace)	es of Fibrous Components:	Asbestos (ND)					
7266071644 Layer: Black Non-Fib	50810120 rous Material		ND				
Total Composite Valu Cellulose (Trace)	es of Fibrous Components:	Asbestos (ND)					
7266071645 Layer: Black Non-Fib	50810121 rous Material		ND				
Total Composite Valu Cellulose (Trace)	es of Fibrous Components:	Asbestos (ND)					
7266071646 Layer: Grey Fibrous M	50810122 Material		ND				
Total Composite Valu Cellulose (10 %)	nes of Fibrous Components: Fibrous Glass (75 %)	Asbestos (ND)					
7266071647 Layer: Grey Fibrous M	50810123 Material		ND				
Total Composite Valu Cellulose (10 %)	ues of Fibrous Components: Fibrous Glass (75 %)	Asbestos (ND)					
7266071648 Layer: Grey Fibrous M	50810124 Material		ND				
Total Composite Valu Cellulose (10 %)	es of Fibrous Components: Fibrous Glass (75 %)	Asbestos (ND)					
7266071649 Layer: Beige Semi-Fil Layer: Paint	50810125 brous Material	Chrysotile	10 % ND				
Total Composite Valu Cellulose (Trace)	ues of Fibrous Components: Fibrous Glass (Trace)	Asbestos (10%)	)				

					Report Numb	er: B1797	35
Client Name: EnviroQuest, Inc.					Date Printed:	0//22/	13
Sample ID	Lab Numbe	Asbestos r Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7266071650	50810126						
Comment: Sample not analyzed due to	prior positive	e result in series.					
7266071651	50810127						
Comment: Sample not analyzed due to	prior positive	e result in series.					
7266071652	50810128						
Layer: Black Non-Fibrous Material			ND				
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071653	50810129						
Layer: Black Non-Fibrous Material			ND				
Layer: Off-White Non-Fibrous Material			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071654	50810130						
Layer: Black Non-Fibrous Material Layer: Off-White Non-Fibrous Material			ND ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					
7266071655	50810131						
Layer: Paint			ND				
Layer: Grey Non-Fibrous Material			ND ND				
Total Composite Values of Eikrous Com	mononto	Ashestes (ND)	ND				
Cellulose (Trace)	iponents:	Aspestos (ND)					
7266071656	50810132						
Layer: Paint			ND ND				
Layer: Black Non-Fibrous Material			ND ND				
Total Composite Values of Fibrous Com	nonents	Ashestos (ND)					
Cellulose (Trace)	iponones.						
7266071657	50810133						
Layer: Paint			ND				
Layer: Grey Non-Fibrous Material			ND				
Layer: Black Non-Fibrous Material			ND				
Total Composite Values of Fibrous Com Cellulose (Trace)	ponents:	Asbestos (ND)					

.

					Report Numb	<b>ber:</b> B1797	735
Client Name: EnviroQuest, Inc.					Date Printed	. 07/22	/13
		Asbestos	Percent in	Asbestos	Percent in	Asbestos	Percent in
Sample ID	Lab Number	Туре	Layer	Туре	Layer	Туре	Layer

Sten Jaka

Steven Takahashi, Laboratory Supervisor, Rancho Dominguez Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'. Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.



PLM DATA SHEET

Project No.: 7266 Project Name: Malunia Hospital Window	Date: 7/16/13
Replacement	Page:of
Material Description: black Caulking Sample No. 1244071401 202 Third from Rm 3A, Whdow - behver 203 J - staff=menvice Rm colu (know wheter)	Friable Non-friable % Asb. Asb. Type M Concerts M torcerts
CONDITION:       % Damaged:       % Localized:       % Distributed:       Total Material         Sig. Damage       % Crumbling -       Sig. Damage       % Gouge/Punct -       Sig. Damage         Damaged       % Delaminating -       Damaged       % Crushed -       Damaged         Good Cond.       % H2O/Gouges -       Good Cond.       % H2O/Gouges -       Good Cond.         Vibration Potential       Z       High       Moderate       Low         Vibration Potential       High       Moderate       Z       Low         Air Erosion       High       Moderate       Z       Low         OVERALL POTENTIAL RATING       Significant Damage       Damage       Minimal Damage	Quantity: Misc. % Crumbling % Delaminating % H <sub>2</sub> O/Gouges-
Material Description: (LMM/1/DW Panel) Sample No. J266071604 OS / Thive group, 316, 3A, windows panels Ob / (above, below (Dindow)	Frigble Non-frieble % Asb. Asb. Type
CONDITION:       % Damaged:       % Localized:       % Distributed:       Total Material         Surfacing Material       Sig. Damage       % Crumbling -       Sig. Damage       Sig. Damage         Damaged       % Crumbling -       Damaged       % Crushed -       Damaged         Good Cond.       % H <sub>2</sub> O/Gouges -       Good Cond.       % H <sub>2</sub> O Stains -       Good Cond.         Contact Potential       High       Moderate       / Low         Air Erosion       High       Moderate       Low         OVERALL POTENTIAL RATING       Significant Damage       Damage       Minimal Damage	Quantity: Misc. % Crumbling - % Delaminating - % H <sub>2</sub> O/Gouges-
Sampled By:       Image: Complex By:       Relinquished By/Date/Time:       Relinquished By/Date/Time:         DOH Cent No:       3421       Received By/Date/Time:       Received By/Date/Time:       Received By/Date/Time:         Delivered to Lab By:       Received By/Date/Time:       9/25/ch       Received By/Date/Time:       Received By/Date/Time:	I By/Date/Time: /Date/Time:
Surfacing       <1,000 ft² = 3 Samples	= 7 Samples
Ising multimum of 3 samples (RUR) UNLESS       <6 in, or ft = 1 Sample       Minimum         Misc.       Minimum of 3 Samples (Hawaii)	or 3 Samples (Elbow & 'T')

98-029 Hekaha Street, Suite 21, Aiea, HI 96707 Phone: (808) 486-5881 Fax: (808) 486-5889 E-mail: eqi@enviroquestinc.com 8-10-4-201 Sagamiono, Minami-ku, Sagamihara-shi, Kanagawa-ken 252-0303 Phone: (042) 851-5675

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EnviroQuest .		PLM DATA SHEET
Project No.: 7266 Project Name: Malu	nia Huspital (1)	nclw Date: 7/16/13
	Replacement	Page: 2 of 7
Material Description: 2'X4' hisswell & o	inhold coilin	e tile Northiable
Sample No. Loca	tion	% Asb. Asb. Type
1266071607	A mile	
1 08 (1Mira \$1001, 310)	$\frac{2}{2}$	
· · · · · · · · · · · · · · · · · · ·		
	% Distributed: Yotal Mater	tal Quantity:
Sig. Damage / % Countiling / Damage / 10 Sig. Damage / % Countiling / 10 Sig. Damage / % Countiling / 10 Despected / Delemication / Democed	S/ Gouge/Parct Sig. Damage	Mise. % Cnambiling % Defamination -
Contact Potential	% H-O Stains -         D         Good Cond.           Moderate         D         Low         D	> % HyO/Gewacs-
Victuation Potential         Clining         Clining           Air Eroston         I         High         Clining           OVERALL POTENTIAL RATING         I         Significant Damage         I	Miderate CZ Low Damage Q Minimal Damage	
Material Description: bl/ICV_C(LU)K(MS-		Friable
Sample No.	tion	% Asb. Asb. Type
7206071010 2nd Flr, Stoth mu	view ram sta	al window
		<u>-</u>
J IF a fir, nailway	, near ky 223	
· · · · · · · · · · · · · · · ·		
COLUMION: % Damaged: % Localized: Surfacing Material 77 T. Sin Damage 77 % Countiens. II Sin Damage 77	% Distributed: (Total Mate % Goupe/Punct + [] Sig. Damage	tal Quantity; Misc
Damaged     Spetaminating-     Good Cond.     Setaminating-     Setaminating-     Good Cond.     Setaminating-     Setaminating-     Setaminating-     Good Cond.     Setaminating-	% Crusted •	\$ 10 Detarminating
Vigration Potential	Moderate E Low Moderate III Low Damace III Minaral Damage	- · · · · · · · · · · · · · · · · · · ·
Motorial Description: 2'VV' Lissfunctor	aboud chiluso tila	Filable)
Sample No.	tion O	% Asb. Asb. Type
7206071613 2nd Floor, stoff in	Jervieworn_	
14 " hallisa	M >riac emã	25 -
-15 " ' hallas	<u></u>	
-		
CONDITION: % Damaged: % Localized: Surfacing Material Completions // Completions // Surfacing Material	% Olstribute1: (Total Mater 5/ % Gouge/Punct + [] \$ig, Damage	Hist. Hist. > % Crumbling +
Damaged     Yoletarcusting     Delarcusting     Dela	% Crushed - Domaged % HoD Stains - Good Cond.	K Defaminating     K H <sub>2</sub> OXGouges
Vibration Potential Hamilton Constraint Cons	Moderate D Low Moderate D Low Damase D Minimal Damase	

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PLM DATA SHEET

Project No.: 7266 Project	Name: Malunia Hospital	Winchin Date: -	7/16/12
	Replacemen	L Page:	<u>3 of 7</u>
Material Description:	100 panel	04 Ash	Ash Type
Zalebozi 6 16	• Цосалол		Asb, Type
17 Dad Fly	hallipaus inindipa	(necer Ren 225)	
1 18 1	(lowbr panel)		·
			<b></b>
· · ·			
· · · · · · · · · · · · · · · · · · ·	·		
- ' CONDITION: % Damaged: % Loc	alized: % Districted:	Yotal Material Quantity:	
Surfacing Material	TSI       Sig. Damage       % Gouge/Punct-       Damaged       % Crushed -	Misc. Sig_Damage % C Damaged % Dela	ณฑประกฎ เกิดสมอฐ -
Contact Potential	Good Cond. > % H <sub>2</sub> O Stains -	Z Good Con1 > % H_C	MGouaes-
V.Oradon Potentia Dingin Air Erosion Hub OVERALL POTENTIAL RATING Significan	I Damage	inimal Damage	
Material Description: 10/0011 Phil	IVINA	•	Friable
Sample No.	Location	% Asb.	Asb. Type
726071619	(ionclow to sur	rdech	
20 615+ Floo	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
2 21 J		· • • • •	
	······································		
CONDITION: % Damagest: % Loss	alized: % Distributed:	Total Material Quantity;	
B Damaged % Detamining -	Sig. Damage     Sig. Damage     Sig. Damage     Sig. Damaged     Sig. Counted     Sig. Damaged     Sig. Sig. Sig. Sig. Sig. Sig. Sig. S	Sig. Damage         % Ci           B Damaged         % Dela           B Good Cond         % H-Ci	rumbling minating
Contact Potential III High	C Moderate C L		
AF Erosion I Fliqh OVERALL POTENTIAL RATING ISignifican	t Damage D Smage D N	inimal Damage	
Material Description: 2 YY 4 535	med I pinhaled ceiling	File	Non-fnable
$\frac{\text{Sample No.}}{\text{Table (a O I   L O )}}$		) % Asb	Asb, Type
72000402	Lenger Eliza	dide	
	Allestering Wild 3000		
•			-
			. <u>.                                    </u>
CONDITION: % Damaned: % Loc Surfacing Material Surfacing Material Sig. Damage % Crumbling -	aizeo: % Distribute 1 <i>TS/</i> Sig. Damage > % Gouge/Punct	i otao Marena Guantity: Misc. □ Sig. Damege > % Ca	numbling •
Damaged % Detaminating	Damaged      Second Cond.     Moderate	Li Damagad Shela Di Good Cond W	
Vibration Potential High Alf Crossion High OVERALL POTENTIAL RATING • Distantifican	C Noderate C L Damage Damage D Damage	tw	

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## PLM DATA SHEET

Project No.: 7264	Project Name: <u>Ma</u>	lunia Hospi	ital,	Date: <u>7/</u>	16/13
	Qmahr	w Replacement	4	Page: <u>' k</u>	<u>_of</u>
Material Description: 2 X	4' pinholed	culing file	·	% Asb.	Friable Non-friable Asb. Type
124 16 1 24 16	FFIC, replace	ement certiva	fus		
	· · · · · · · · · · · · · · · · · · ·		Total Listerial Current		
CONDITION: % Damageo: Surfacing Material Surfacing Material Sig. Damage 2 % Crumble	74 LOCALIZEO:	TS/	Sig. Damage	Mise.	bling
Demaged % Delaminate     Good Cond. % H <sub>2</sub> C/Scool	ng - Damaged es - Good Cond.	K Crushed	Damaged A Good Cond.	S % Delamin % H5O/G	abing •
Vibration Potential Air Erosion		Image: Constraint of the second sec	Low		
OVERALL POTENTIAL RATING	Significant Damage	O Qamage 101	Minimal Damașe	•	
Material Description: (UN) Sample No.	entitious par	Location		% Asb.	Non-filable Asb, Type
7260716251 15t F	Tr, panel as	Dare windy	to sun ch	en_	
$-\frac{29}{-30}$		ic	• .	· ( ·	
(i	pper i low	panel			
CONDITION: % Damaged:	% Localized:	% Distributed;	Total Material Duartity	;	
Surfacing Material Sig. Damage Solution Sig. Damaged Solution Solu	ng - D Skg. Damage ng - D Damaged as - D Cood Cond.	75/ % Gouge/Punct - % Crushed - % HyO Stains -	Sig. Damage . Damaged Good Cord.	Misc. % Crum	bilng ating Duges-
Vibration Potential Air Erosion		Moderate     Moderate     Moderate	Low		
OVERALL POTENTIAL RATING	D Significant Damade	C Damage (Cr	Minlimei Oamage	<b>-</b>	Friable
Material Description: 1/(4)	C COCCULE	<u>DC(UUUU)~</u> Location	8 (march	) % Asb. ,	Non-friable Asb. Type
7266071631 SUM	deric win	dow freme	$\rightarrow$		
37 (1)	A L	ten in the set	A.C.	EXTER	(07
· ·	<u> </u>				
	•		Trainel & days and a first state		
CONDITION: % Damaged: Surfacing Material Sig. Damage > % Crumplin	7% Eucalized; ng Disp.Damege	TS/	і з отан макелій Соцаліцу П. Sig. Салтада	Misc.	bling +
Damaged      Second Cond.     Hol/Goug	ng • D Damaged es • D Good Cond.	X Crushed	Demeged Democratic Good Cond.	کی % Delamin ۴ H <sub>2</sub> OXGe	ating •
Vibraton Potential Air Erosion	13 High 13 High	Moderate     Moderate	Low		
OVERALL POTENTIAL RATING	V LI Signatcant Damage	Li Uamage Li	Numerican Carriere		

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PLM DATA SHEET

Project No.: 7266 Project Name: Malunia Hospital, Windo	W Date: 7/16/13
Replacement	Page: <u>9</u> of <u>7</u>
Material Description: Walk rubber-like chullence	Friable Non-friable
Sample No. Location	% Asb. Asb. Type
1266071634 Sun delle, window Grazing	
1 35 Ground JV, was handfulan play	Externo
$\frac{1}{3}$ $\frac{3}{5}$ $\frac{3}$	
/	
CONDITION: % Damaged: % Localized: % Distributed: Total L/atedal Qua Surfacing Material 75/	ntay: Mise
Image       % Countbling -       Image       % Countbling -       Image       % Countbling -         Image       % Delaminating -       Image       Image       % Countbling -       Image         Image       % Delaminating -       Image       Image       % Countbling -       Image         Image       % Delaminating -       Image       Image       % Countbling -       Image         Image       % Delaminating -       Image       Image       % Countbling -       Image         Image       % Delaminating -       Image       Image       % Countbling -       Image         Image       % Delaminating -       Image       Image       % Countbling -       Image       Image         Image       % Delaminating -       Image       Image       % Countbling -       Image       Image         Image       % Delaminating -       Image       Image       Image       Image       Image         Image       % Delaminating -       Image       Image       Image       Image       Image         Image       % Delaminating -       Image       Image       Image       Image       Image         Image       % Delaminating -       Image       Image       Image <td< td=""><td>% Crumbling % Delaminating % HyQXGouges-</td></td<>	% Crumbling % Delaminating % HyQXGouges-
Contact Potential I High Adderate I Low Vibration Potentiat I High Moderate PT Low	
Air Einstein     Difference     Low       OVERALL POTENTIAL RATING     O Significant Damage     Damage     Zi Minimal Damage	
Material Description: OCLUPTION	Friable
Sample No.	% Asb. AsbType
7266071637 Sun dece, cementitions scherel ala	BINAT
1 38 1 11 12 12	
39 6 6 6	, rexterpa
	, , ,
(who sun decle in mal	(hs)
CONDITION: X Damaged: % Localized: % Distributed: Yotal Material Quar	nity; Atisc
Sig. Damage         % Crumbling -	% Crumbling -     % Delantinating -     % Delantinating -
Contact Potential     D     High     Moderate     Low       Vibretion Potential     D     High     Moderate     201	
Ar Eroslon High Moderate Low OVERALL POTENTIAL RATING / Significant Damage Damage Minimal Damage	
Material Description: 2'X4' VIDODDA 13542 Manch ON WWILd Chi	Villa ble Non-friable
Sample No.	%Asb. Asb. Type
7246071670	
1 41 Basement, CSR	
•	
CONDITION: % Damaged: % Localized: % Distributed: Total Material Quar Surfacing Material TSI	Ally: Misse.
Sig. Damage     % Crumbing •     Sig. Damage     % Goupe/Punct •     Sig. Damage       Damaged     % Crushed •     Damaged     % Crushed •     Damaged       • III Demaged     % Crushed •     III Damaged       • III Gend Cond.     % HcO Simins •     -     Damaged	K Crumbling     M Delaminating     M Ho/Gourses
Contact Potential         II         High         P         Moderate         II. Low           Vibration Potential         II         High         II. Moderate         II. Low	
AFErosion D High Decrate Z Low OVERALL POTENTIAL RATING • D Significant Damage Damage Damage	

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PLM DATA SHEET

Project No.: 726 4 Project Name: Maluhia 7 Jospi Jal, Dinchor Replacement	Date: 7/16/13 Page: 6 of 7
Material Description: black Cami Kiva Sample No. 12660716437 44 Contemport, CSR, window frame 445	Kasb. Asb. Type
CONDITION:       % Damaged:       % Localized:       % Distributed:       ) Total //ztenial Quemen         Sig. Damage       % Crumbling -       Image       Sig. Damage       % Gouge/Punct -       Image         Sig. Damaged       % Crumbling -       Image       Sig. Damage       % Gouge/Punct -       Image       Image         Good Cond,       % HotGoupes -       Image       Good Cond,       % HotGetrate       Image       Image         Contact Potential       Image       Image       Moderate       Image       Image       Image         VDerution Potential       Image       Image       Image       Image       Image       Image         VDerution Potential <td>c</td>	c
Material Description: 2'X4' : 55 (well & pinhold Chiling file Sample No. Location 7240071646 4.7 Jocanement CSK hallway	Asb. Asb. Type
CONDITION:     % Damaged:     % Localized:     % Distributed:     Total Material Quantity       Sig. Damage     % Cruzibling -     Sig. Damage     Sig. Damage     Sig. Damage       Damaged     % Cruzibling -     Damaged     % Cruzibling -     Damaged       Damaged     % H_OKSources -     Damaged     % H_OKSources -     Damaged       Vibration Potential     High     Moderate     Duw       Vibration Potential     High     Moderate     Low       OverAll POTENTIAL RATING     Significant Comage     Damage     Atherate	Affsc. Misc. % Courrbing - % H-OrGoures- % H-OrGoures- Entable )
Material Description Cementific Panels Sample No. Location 7266071649 50 CRANGENT, CSR, Lower Ducknop 51	Mentifieble % Asb. Asb. Type
CONDITION:     % Damaged:     % Localized:     % Distributed;     Total Material Quantity       Sig. Damage     % Crumbling -     Big. Damage     75/     Gouge/Punct -     Big. Damage       Damaged     % Detaminating -     Big. Damage     % Gouge/Punct -     Big. Damage       Damaged     % Detaminating -     Big. Damage     % Gouge/Punct -     Big. Damage       Good Cond.     % H-Origoned     % Gouge/Punct -     Big. Damaged       Good Cond.     % H-Origoned     Good Cond.     Good Cond.       Contact Potental     High     Moderate     Low       Martension     High     Moderate     Low	Atisc. % Countring % Defaminating % H <sub>2</sub> OASouses-

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EnviroQuest	PLM DAT.	A SHEET
Project No.: 7566 Project Name: Malulia Hospital,	Date: 7	16/13
Window Depicement	Page: 7	of
Material Description: While Chalky Courtlener & Blach Car	etter -	Frable) Non-toable
Sample No. Location	% Asb.	Asb. Type
1200071652 1 C 151 00100 2110 Dela	In ACLA	
54 STOLING FILL EXECUTE INVERTED Jacon	1	
<u> </u>		
· · · · · · · · · · · · · · · · · · ·		
CONDITION: % Decement % Decement % Decement		
Surfacting Material Sig. Damage 75/ Sig. Damag	Misc.	zing =
Contact Potential     Set H_CARGugas	> % H <sub>2</sub> O/Gc	wges-
Version PoetLai     Constraint     Constraint     Constraint       Ar Ension     Difficient Damage     Moderate     Constraint       OVERALL POTENTIAL RATI/IG     OF Significant Damage     Damage     Mislimat Demage	· · · · · · · · · · · · · · · · · · ·	
Material Description: druv GALLA CALLAPPINO		Friable Man-friable
Sample No. (Location)	% Asb.	Asb. Type
726071695		
56 Thound fly extense, was hand	man pur	enes 1
CONDITION:         % Damaged:         % Liszburdei:         Total Material	Mise.	biling =
Contact Determinations     Section 2	X 9elamina % HeQ/Go	ding
Vbraidon Potendial         C         High         D         Moderate         D         Dow           Alr Erosion         C         High         L         Moderate         D         Low         O         Dow         D		
Material Description:		Friable Non-friable
Sample No. Location	% Asb. ,	Asb. Type
· · · · · · · · · · · · · · · · · · ·		
	·   · · · · · ·	
•		
CONDITION:     % Damaged:     % Localized;     % Distributed:     Yotal Material C       Surfacing Material     TS/     TS/	Bandiy: <u>Misc.</u> Z % Crumi	ling •
Contact Potential	% Delamina % H <sub>2</sub> O/Go	rung = uges
Vibration Potential         Implication Potential         Implication Potential         Low           Air Ensiden         Implify         Implify         Implify         Implify         Implify           OVERALL POTENTIAL RATING         Implify         Implify         Implify         Implify         Implify		

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Lead Paint Laboratory Analytical Report

Appendix B

EnviroQuest, Inc.



# Analytical Report

July 18, 2013



<u>Hygeia Reference No.:</u> 25855 13 0139 Date Sampled: July 16, 2013 Date Received: July 17, 2013 Date Analyzed: July 18, 2013 Analyst: Nahid Motamedi

Mr. Jason Turban EnviroQuest, Inc 98-029 Hekaha St., Bldg.5, Ste 21 Aiea, HI 96701-4917

Client Ref. 7266 Malahia Hospital - Window Replacement

#### Samples and data provided by: Jason Turban

Analyte: TTLC Lead	Analytical Method: EPA	A 7420Detection Limit:	25 ppm	Samples Analyzed: 3		
Sample Matrix: bulk/paint	Digestion Method: EPA	A 3050B <b>Reporting Limit:</b>	100 ppm	Sample Condition Acceptable	✓	
Hygeia Sample ID	Client Sample ID	TTLC Lead Conc. (ppm)	TTLC Lea	d Conc. (wt%)		
1365811	7266071601L	428	(	0.043		
1365812	7266071602L	2970	(	0.297		
1365813	7266071603L	269	(	0.027		

ppm = parts per million = mg/kg

Mahri Motamedi

Supervisor of Chemistry Laboratory Nahid Motamedi

Sample results have not been blank corrected. All quality control results meet the QC requirements of AIHA ELLAP. This report only pertains to the samples investigated and does not apply to other similar material. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without authorization is prohibited.

												20)		
#	LLANEOUS BULK DATA SHEET         Page:       1 of	Date: <u>ンバル// ス</u> ect No.: <u>スパカチ</u> 子こしの	er	Wipe	Ir % of Waste Area / Vol Result	Contradii India	more teign	and May 1		6	Analyzed By	Date Analyzed	E-mail: eqi@enviroquestinc.com	nviroquestinc.com
7/17/2013 Conrectur PICAET	inclow Replacement	Proje	rs 23 Days 05 Days 00th	Sampling Media:	Component Substrate Colo	wall amouth inc	goren aprin Concuts / Igree	Dail concuts be			Relinquished By/Date/Time	Received By/Date/Time		ne: (808) 486-5881 Fax: (808) 486-5889 È-mail: eqi@e
· ·	lutrice thespital, w		□<12 Hrs □24 Hrs □48 H	Micro ID (spore)	Building Int Flr. Room	. qui l	Ext I	$ \mathcal{E}_{\chi}\mathcal{L} $			Relinquished By/Date/Time		IDENCE TO: A	029 Hekaha Street, Suite 21, Aiea, HI 96701 Pho
0	EnviroQuest Project Name: TVG	Location:	Turnaround Time:	Analysis: TTCLP Lead TTCLP Lead XTotal Lead	Sample #	1 74230716012	7e0 / 2	3 1-056	4	 6	 Sampled By: Sampled By: Delivered to I ab By:	PEDEX.	SEND ALL CORRESPON	80

Photographs

Appendix C

EnviroQuest, Inc.



Photo 1: 3<sup>rd</sup> floor (typical of basement, 1<sup>st</sup>, and 2<sup>nd</sup> floors also).

Non-asbestos containing black caulking around the window frame.



Photo 3: 3<sup>rd</sup> floor (typical of basement, 1<sup>st</sup>,and 2<sup>nd</sup> floors). Exterior view of asbestos-containing green painted cementitious panels.



Photo 5: 1<sup>st</sup> floor, adjacent to Sun Deck. Non-asbestos containing 2'x4' pinhole design ceiling tile.





Photo 2: 2<sup>nd</sup> floor (typical of basement, 1<sup>st</sup>and 3<sup>rd</sup> floors).

Interior view of asbestos-containing white painted cementitious panel under the window.



Photo 4:  $3^{rd}$  floor (typical of basement,  $1^{st}$ , and  $2^{nd}$ ). Non-asbestos containing 2'x4' fissured and pinhole design ceiling tile.



Photo 6: 1<sup>st</sup> floor, Sun Deck. Non-asbestos containing hard black caulking, black rubber-like caulking, and gray caulking around window frame.

## PHOTOGRAPHIC LOG

Mauhia Hospital Window Replacement



Photo 7: Basement, CSR. Asbestos-containing 2'x4' ribbon fissured and pinhole design ceiling tile.



Photo 9: Interior, typical of windows Non-lead based painted white concrete column, wall, and cementitious panel.



Photo 11: Exterior. View of asbestos-containing cementitious panels under and above the windows.



Photo 8: 1<sup>st</sup> floor, exterior window frame Non-asbestos containing white chalky coating, black caulking, and dark gray caulking.



Photo 10: Exterior. Non-lead based painted white concrete column and wall. Non-lead based painted green cementitious panels.



Photo 12: Exterior. View of windows without asbestos-containing cementitious panels.



### PHOTOGRAPHIC LOG

Maluhia Hospital Window Replacement INVITATION FOR BIDS for MALUHIA RENOVATION OF ROOMS 1027 Hala Drive Honolulu, Oahu, Hawaii

IFB NO. 22M-0337

## ADDENDUM NO. 1

MARCH 23, 2022

## **PHOTOS**

THE ATTACHED PHOTOS ARE OF SOME AREAS OF THE PROPOSED WORK AND MAY OR MAY NOT SHOW CONDITIONS AS OF TODAY. CONTRACTOR SHALL CONDUCT THEIR OWN FIELD INVESTIGATION FOR CURRENT CONDITIONS.

## 4 BED WARD



PHOTO 1



PHOTO 2



РНОТО 3



## **STOREFRONT WINDOW AND DOOR**





PHOTO 2



РНОТО 3



## XRAY (FILE) ROOM



PHOTO 1





РНОТО 3

