

# **Asbestos Containing Materials Survey**

## **Tripler Army Medical Facility E-Wing Exterior Surface Repair Project**

### **Prepared For:**

**Dept. of Veterans Affairs  
459 Patterson Rd., Box 138  
Honolulu, HI 96819**

### **Prepared By:**

**White Environmental Consultants Inc.  
197 Sand Island Access Road Suite # 203  
Honolulu, Hawaii 96819**

**June 11, 2012**

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# **Section 1**

Narrative Report

## **Introduction**

WEC conducted a limited asbestos containing materials survey on May 21, 2012 at the E-Wing of the Tripler Army Medical Facility. The survey was limited to sampling of accessible suspect ACM present on the exterior walls of the E-Wing building. The suspect asbestos containing material sampling was conducted in compliance with the Hawaii Department of Health sample requirements. Sampling was conducted by Shad Wells, a HDOH certified Asbestos Building Inspector (HIASB-0132).

## **Executive Summary**

**Suspect Asbestos Containing Material Samples** - Laboratory sample analysis of the suspect asbestos containing materials collected by WEC from accessible areas, indicated that regulated asbestos containing materials (RACM) are present. The following materials were sampled:

- Skim Coat
- Plaster (RACM)
- Wall Transition Membrane
- Window/Vent Caulk
- Ext. Wall Joint Caulk

### **Asbestos Containing Materials Table:**

<b>Asbestos Containing Materials</b>	<b>Results</b>	<b>Estimated Quantities</b>
Plaster – Friable Condition – Fair Exterior Walls <i>See Section 2 for Photo ID of Material</i>	< 1% Chrysotile Asbestos	All Exterior Wall Surfaces Excluding Cementitious/Plaster Awnings

Note: NESHAP and HDOH regulations classify friable materials containing < 1% asbestos as regulated asbestos containing materials (RACM) unless concentrations of < 1% have been verified by PLM point count method.

**Lead in Paint Samples** - Laboratory sample analysis of the paint chip samples collected indicated that lead containing paints (LCP < 5000 ppm Lead) are present. The following paint colors were sampled:

### **Lead In Paint Table:**

<b>Paint Chip Samples: Location/Color</b>	<b>Results Lead PPM</b>
Exterior Wall – Pink Paint (Lead Containing)	540
Exterior Wall – Beige Paint (Lead Containing)	360
5 <sup>th</sup> Level Exterior Ceiling – Beige Paint (Lead Containing)	450

## **Project Impacts**

### **Asbestos Containing Materials**

Removal of RACM must be conducted by a licensed asbestos abatement contractor in compliance with applicable federal, state and local regulations.

Suspect asbestos containing materials discovered during renovation/demolition that were not sampled must be tested for asbestos or treated as an asbestos containing material until proven otherwise.

The following asbestos containing materials have been identified:

#### **Exterior Wall Plaster**

The potentially friable asbestos containing plaster is located under the exterior paint and skim coat layers on the exterior walls of the E Wing building. Removal and/or disturbance of this material are defined by EPA as Category II ACM that may become friable during exterior wall repair and surface preparation.

Note: Without additional PLM point count analysis to verify the asbestos concentrations at < 1% the wall repair and surface preparation must be conducted within a negative pressure containment.

### **Lead in Paint**

Sample analysis of the paint chip samples collected from the exterior surfaces of the building indicate that there is lead containing paint present at the project site. The renovations of the structure must be conducted by workers that possess OSHA Lead Awareness Training in compliance with OSHA 29 CFR 1926.62 Lead in Construction Standard during disturbance of paints containing lead.

## **Analytical Methods**

### **Asbestos**

EPA method 600/R-93/116 is the method used to analyze bulk asbestos samples. This method utilizes polarized light microscopy (PLM) with dispersion staining oils to identify asbestos species. EPA method 600/R-93/116 is the method of analysis recommended by the US EPA to determine the composition of suspect asbestos containing materials.

### **Lead Paint**

EPA method SW-846 -7420 is the method used to analyze paint samples. This method utilizes an atomic absorption spectroscopy (AAS).

Analysis was performed by WEC's in house NVLAP/AIHA accredited laboratory

## **Section 2**

### Site Photographs



Exterior Wall – RACM - Cementitious Plaster

## **Section 3**

### Laboratory Results



## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake

Report Date: 6/4/2012

Client: Dept. of Veterans Affairs  
 459 Patterson Rd., Box 138  
 Honolulu, HI 96819

Collection Date: 5/21/2012  
 Collection By: S. Wells  
 TAT: One week (or more)  
 Analysis By: K. Wells  
 Analysis Date: 6/4/2012  
 Received By: Wells  
 Received Date: 6/4/2012

# Samples: 42                      # Layers: 60

Project Name/Location: E-Wing Exterior TAMC

Client ID#	WEC ID#	Location	Material	Layer				
B796-01	HB12-2593A	2nd Fl. Lanai Ext. Wall South Side	Skim Coat	1 of 2				
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Pink				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%;">Other Fibrous Materials</th> <th style="width: 20%;">%</th> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> </tr> </table>			Other Fibrous Materials	%	Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials	%							
Cellulose	<1%							

Client ID#	WEC ID#	Location	Material	Layer				
B796-01	HB12-2593B	2nd Fl. Lanai Ext. Wall South Side	Plaster	2 of 2				
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Tan				
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Other Fibrous Materials	%							
Cellulose	<1%							

Client ID#	WEC ID#	Location	Material	Layer				
B796-02	HB12-2594A	2nd Fl. Lanai Ext. Wall South Side	Skim Coat	1 of 2				
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Pink				
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Other Fibrous Materials	%							
Cellulose	<1%							

Client ID#	WEC ID#	Location	Material	Layer				
B796-02	HB12-2594B	2nd Fl. Lanai Ext. Wall South Side	Plaster	2 of 2				
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Tan				
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Other Fibrous Materials	%							
Cellulose	<1%							

**Bulk Sample Analysis for Asbestos**

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer						
B796-03	HB12-2595A	2nd Fl. Lanai Ext. Wall South Side	Skim Coat	1 of 2						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Pink						
<table border="1"> <tr> <th colspan="2">Other Fibrous Materials</th> </tr> <tr> <td>Cellulose</td> <td>&lt;1%</td> </tr> </table>			Other Fibrous Materials		Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%			
Other Fibrous Materials										
Cellulose	<1%									
B796-03	HB12-2595B	2nd Fl. Lanai Ext. Wall South Side	Plaster	2 of 2						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Tan						
<table border="1"> <tr> <th colspan="2">Other Fibrous Materials</th> </tr> <tr> <td>Chrysotile</td> <td>&lt;1%</td> </tr> <tr> <td>Cellulose</td> <td>&lt;1%</td> </tr> </table>			Other Fibrous Materials		Chrysotile	<1%	Cellulose	<1%	% Asbestos: <1% % Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials										
Chrysotile	<1%									
Cellulose	<1%									
B796-04	HB12-2596	2nd Fl. Lanai Ext. Wall Transition South Side	Membrane	1 of 1						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	O-Wht/Gm						
<table border="1"> <tr> <th colspan="2">Other Fibrous Materials</th> </tr> <tr> <td>Synthetic</td> <td>12%</td> </tr> </table>			Other Fibrous Materials		Synthetic	12%	% Other Fibrous Materials: 12% % Non-Fibrous Materials: 88%			
Other Fibrous Materials										
Synthetic	12%									
B796-05	HB12-2597	2nd Fl. Lanai Ext. Wall Transition South Side	Membrane	1 of 1						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	O-Wht/Gm						
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Other Fibrous Materials										
Synthetic	12%									
B796-06	HB12-2598	2nd Fl. Lanai Ext. Wall Transition South Side	Membrane	1 of 1						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	O-Wht/Gm						
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Other Fibrous Materials										
Synthetic	12%									

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer												
B796-07	HB12-2599	2nd Fl. Window Caulk South Side	Caulk	1 of 1												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Black												
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Other Fibrous Materials		% Other Fibrous Materials: 10%														
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B796-08	HB12-2600	2nd Fl. Window Caulk South Side	Caulk	1 of 1												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Black												
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Synthetic	10%	% Non-Fibrous Materials: 90%														
B796-09	HB12-2601	2nd Fl. Window Caulk South Side	Caulk	1 of 1												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Black												
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B796-10	HB12-2602A	3rd Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Pink												
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B796-10	HB12-2602B	3rd Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2												
<b>ASBESTOS</b>			Homo- genous	Color												
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Cellulose	<1%															

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake

Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer									
B796-11	HB12-2603A	3rd Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Pink									
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B796-11	HB12-2603B	3rd Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
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Chrysotile	<1%	% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-12	HB12-2604A	3rd Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Pink									
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B796-12	HB12-2604B	3rd Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Tan									
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<i>Other Fibrous Materials</i>		% Asbestos: <1%											
Chrysotile	<1%	% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-13	HB12-2605	3rd Fl.-Window Caulk South Side	Caulk	1 of 1									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Black									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: 10%</td> </tr> <tr> <td>Synthetic</td> <td style="text-align: right;">10%</td> <td style="text-align: right;">% Non-Fibrous Materials: 90%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%	Synthetic	10%	% Non-Fibrous Materials: 90%					
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## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer								
B796-14	HB12-2606	3rd Fl.-Window Caulk South Side	Caulk	1 of 1								
<b>ASBESTOS</b>			Homo- genous No	Color Black								
None Detected												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Other Fibrous Materials</td> <td style="padding-left: 20px;">% Other Fibrous Materials: 10%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Synthetic</td> <td style="padding-left: 20px;">% Non-Fibrous Materials: 90%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"></td> <td style="padding-left: 20px;">10%</td> </tr> </table>					Other Fibrous Materials	% Other Fibrous Materials: 10%	Synthetic	% Non-Fibrous Materials: 90%		10%		
Other Fibrous Materials	% Other Fibrous Materials: 10%											
Synthetic	% Non-Fibrous Materials: 90%											
	10%											
B796-15	HB12-2607	3rd Fl.-Window Caulk South Side	Caulk	1 of 1								
<b>ASBESTOS</b>			Homo- genous No	Color Black								
None Detected												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Other Fibrous Materials</td> <td style="padding-left: 20px;">% Other Fibrous Materials: 10%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Synthetic</td> <td style="padding-left: 20px;">% Non-Fibrous Materials: 90%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"></td> <td style="padding-left: 20px;">10%</td> </tr> </table>					Other Fibrous Materials	% Other Fibrous Materials: 10%	Synthetic	% Non-Fibrous Materials: 90%		10%		
Other Fibrous Materials	% Other Fibrous Materials: 10%											
Synthetic	% Non-Fibrous Materials: 90%											
	10%											
B796-16	HB12-2608A	4th Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2								
<b>ASBESTOS</b>			Homo- genous No	Color Pink								
None Detected												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Other Fibrous Materials</td> <td style="padding-left: 20px;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Cellulose</td> <td style="padding-left: 20px;">% Non-Fibrous Materials: 100%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"></td> <td style="padding-left: 20px;">&lt;1%</td> </tr> </table>					Other Fibrous Materials	% Other Fibrous Materials: <1%	Cellulose	% Non-Fibrous Materials: 100%		<1%		
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B796-16	HB12-2608B	4th Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2								
<b>ASBESTOS</b>			Homo- genous No	Color Tan								
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Other Fibrous Materials	% Non-Fibrous Materials: 100%											
Cellulose	100%											
	<1%											
B796-17	HB12-2609A	4th Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2								
<b>ASBESTOS</b>			Homo- genous No	Color Pink								
None Detected												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Other Fibrous Materials</td> <td style="padding-left: 20px;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">Cellulose</td> <td style="padding-left: 20px;">% Non-Fibrous Materials: 100%</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"></td> <td style="padding-left: 20px;">&lt;1%</td> </tr> </table>					Other Fibrous Materials	% Other Fibrous Materials: <1%	Cellulose	% Non-Fibrous Materials: 100%		<1%		
Other Fibrous Materials	% Other Fibrous Materials: <1%											
Cellulose	% Non-Fibrous Materials: 100%											
	<1%											

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake

Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer
B796-17	HB12-2609B	4th Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2
<b>ASBESTOS</b>			% Asbestos: <1%	
Chrysotile <1%			% Other Fibrous Materials: <1%	
Other Fibrous Materials			% Non-Fibrous Materials: 100%	
Cellulose <1%				
			Homo- genous No	Color Tan
B796-18	HB12-2610A	4th Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2
<b>ASBESTOS</b>				
None Detected			% Other Fibrous Materials: <1%	
Other Fibrous Materials			% Non-Fibrous Materials: 100%	
Cellulose <1%				
			Homo- genous No	Color Pink
B796-18	HB12-2610B	4th Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2
<b>ASBESTOS</b>			% Asbestos: <1%	
Chrysotile <1%			% Other Fibrous Materials: <1%	
Other Fibrous Materials			% Non-Fibrous Materials: 100%	
Cellulose <1%				
			Homo- genous No	Color Tan
B796-19	HB12-2611	4th Fl.-Window Caulk South Side	Caulk	1 of 1
<b>ASBESTOS</b>				
None Detected			% Other Fibrous Materials: 10%	
Other Fibrous Materials			% Non-Fibrous Materials: 90%	
Synthetic 10%				
			Homo- genous No	Color Black
B796-20	HB12-2612	4th Fl.-Window Caulk South Side	Caulk	1 of 1
<b>ASBESTOS</b>				
None Detected			% Other Fibrous Materials: 10%	
Other Fibrous Materials			% Non-Fibrous Materials: 90%	
Synthetic 10%				
			Homo- genous No	Color Black

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer												
B796-21	HB12-2613	4th Fl.-Window Caulk South Side	Caulk	1 of 1												
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>												
None Detected			No	Black												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;"><i>% Other Fibrous Materials:</i> 10%</td> </tr> <tr> <td style="width: 80%;">Synthetic</td> <td style="width: 20%; text-align: right;">10%</td> <td style="text-align: right;"><i>% Non-Fibrous Materials:</i> 90%</td> </tr> </table>			<i>Other Fibrous Materials</i>		<i>% Other Fibrous Materials:</i> 10%	Synthetic	10%	<i>% Non-Fibrous Materials:</i> 90%								
<i>Other Fibrous Materials</i>		<i>% Other Fibrous Materials:</i> 10%														
Synthetic	10%	<i>% Non-Fibrous Materials:</i> 90%														
B796-22	HB12-2614A	5th Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2												
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>												
None Detected			No	Pink												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;"><i>% Other Fibrous Materials:</i> &lt;1%</td> </tr> <tr> <td style="width: 80%;">Cellulose</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td style="text-align: right;"><i>% Non-Fibrous Materials:</i> 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		<i>% Other Fibrous Materials:</i> <1%	Cellulose	<1%	<i>% Non-Fibrous Materials:</i> 100%								
<i>Other Fibrous Materials</i>		<i>% Other Fibrous Materials:</i> <1%														
Cellulose	<1%	<i>% Non-Fibrous Materials:</i> 100%														
B796-22	HB12-2614B	5th Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2												
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>												
None Detected			No	Tan												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;"><i>% Asbestos:</i> &lt;1%</td> </tr> <tr> <td style="width: 80%;">Chrysotile</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td style="text-align: right;"><i>% Other Fibrous Materials:</i> &lt;1%</td> </tr> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;"><i>% Non-Fibrous Materials:</i> 100%</td> </tr> <tr> <td style="width: 80%;">Cellulose</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td></td> </tr> </table>			<i>Other Fibrous Materials</i>		<i>% Asbestos:</i> <1%	Chrysotile	<1%	<i>% Other Fibrous Materials:</i> <1%	<i>Other Fibrous Materials</i>		<i>% Non-Fibrous Materials:</i> 100%	Cellulose	<1%			
<i>Other Fibrous Materials</i>		<i>% Asbestos:</i> <1%														
Chrysotile	<1%	<i>% Other Fibrous Materials:</i> <1%														
<i>Other Fibrous Materials</i>		<i>% Non-Fibrous Materials:</i> 100%														
Cellulose	<1%															
B796-23	HB12-2615A	5th Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2												
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>												
None Detected			No	Pink												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;"><i>% Other Fibrous Materials:</i> &lt;1%</td> </tr> <tr> <td style="width: 80%;">Cellulose</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td style="text-align: right;"><i>% Non-Fibrous Materials:</i> 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		<i>% Other Fibrous Materials:</i> <1%	Cellulose	<1%	<i>% Non-Fibrous Materials:</i> 100%								
<i>Other Fibrous Materials</i>		<i>% Other Fibrous Materials:</i> <1%														
Cellulose	<1%	<i>% Non-Fibrous Materials:</i> 100%														
B796-23	HB12-2615B	5th Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2												
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>												
None Detected			No	Tan												
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<i>Other Fibrous Materials</i>		<i>% Asbestos:</i> <1%														
Chrysotile	<1%	<i>% Other Fibrous Materials:</i> <1%														
<i>Other Fibrous Materials</i>		<i>% Non-Fibrous Materials:</i> 100%														
Cellulose	<1%															

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer												
B796-24	HB12-2616A	5th Fl.-Lanai Ext. Wall South Side	Skim Coat	1 of 2												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Pink												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td style="width: 80%;">Cellulose</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td style="text-align: right;">% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%								
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%														
Cellulose	<1%	% Non-Fibrous Materials: 100%														
B796-24	HB12-2616B	5th Fl.-Lanai Ext. Wall South Side	Plaster	2 of 2												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Tan												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Asbestos: &lt;1%</td> </tr> <tr> <td style="width: 80%;">Chrysotile</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td style="text-align: right;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Non-Fibrous Materials: 100%</td> </tr> <tr> <td style="width: 80%;">Cellulose</td> <td style="width: 20%; text-align: right;">&lt;1%</td> <td></td> </tr> </table>			<i>Other Fibrous Materials</i>		% Asbestos: <1%	Chrysotile	<1%	% Other Fibrous Materials: <1%	<i>Other Fibrous Materials</i>		% Non-Fibrous Materials: 100%	Cellulose	<1%			
<i>Other Fibrous Materials</i>		% Asbestos: <1%														
Chrysotile	<1%	% Other Fibrous Materials: <1%														
<i>Other Fibrous Materials</i>		% Non-Fibrous Materials: 100%														
Cellulose	<1%															
B796-25	HB12-2617	5th Fl.-Mechanical Rm. Vent Caulk South Side	Caulk	1 of 1												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Black												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: 10%</td> </tr> <tr> <td style="width: 80%;">Synthetic</td> <td style="width: 20%; text-align: right;">10%</td> <td style="text-align: right;">% Non-Fibrous Materials: 90%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%	Synthetic	10%	% Non-Fibrous Materials: 90%								
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%														
Synthetic	10%	% Non-Fibrous Materials: 90%														
B796-26	HB12-2618	5th Fl.-Mechanical Rm. Vent Caulk South Side	Caulk	1 of 1												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Black												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: 10%</td> </tr> <tr> <td style="width: 80%;">Synthetic</td> <td style="width: 20%; text-align: right;">10%</td> <td style="text-align: right;">% Non-Fibrous Materials: 90%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%	Synthetic	10%	% Non-Fibrous Materials: 90%								
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%														
Synthetic	10%	% Non-Fibrous Materials: 90%														
B796-27	HB12-2619	5th Fl.-Window Caulk East Side	Caulk	1 of 1												
<b>ASBESTOS</b>			Homo- genous	Color												
None Detected			No	Black												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: 10%</td> </tr> <tr> <td style="width: 80%;">Synthetic</td> <td style="width: 20%; text-align: right;">10%</td> <td style="text-align: right;">% Non-Fibrous Materials: 90%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%	Synthetic	10%	% Non-Fibrous Materials: 90%								
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: 10%														
Synthetic	10%	% Non-Fibrous Materials: 90%														



## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake

Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer 1 of 1				
B796-28	HB12-2620	5th Fl.-Stair Access Ext. Wall Crack Repair Caulk	Caulk					
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Black				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Other Fibrous Materials</td> <td style="width: 20%;"></td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> </tr> </table>			Other Fibrous Materials		Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials								
Cellulose	<1%							
B796-29	HB12-2621	5th Fl.-Stair Access Ext. Wall Crack Repair Caulk	Caulk					
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Black				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Other Fibrous Materials</td> <td style="width: 20%;"></td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> </tr> </table>			Other Fibrous Materials		Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials								
Cellulose	<1%							
B796-30	HB12-2622	5th Fl.-Stair Access Ext. Wall Crack Repair Caulk	Caulk					
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Black				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Other Fibrous Materials</td> <td style="width: 20%;"></td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> </tr> </table>			Other Fibrous Materials		Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials								
Cellulose	<1%							
B796-31	HB12-2623	Ground Level Ext. Wall Joint Caulk	Caulk					
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Pink/Blk				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Other Fibrous Materials</td> <td style="width: 20%;"></td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> </tr> </table>			Other Fibrous Materials		Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials								
Cellulose	<1%							
B796-32	HB12-2624	Ground Level Ext. Wall Joint Caulk	Caulk					
<b>ASBESTOS</b>			Homo- genous	Color				
None Detected			No	Pink/Blk				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Other Fibrous Materials</td> <td style="width: 20%;"></td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> </tr> </table>			Other Fibrous Materials		Cellulose	<1%	% Other Fibrous Materials: <1% % Non-Fibrous Materials: 100%	
Other Fibrous Materials								
Cellulose	<1%							

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake

Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer									
B796-33	HB12-2625	Ground Level Ext. Wall Joint Caulk	Caulk	1 of 1									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Pink/Blk									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td>% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> <td>% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%					
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-34	HB12-2626A	Ground Level Ext. Wall North Side	Skim Coat	1 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Pink									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td>% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> <td>% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%					
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-34	HB12-2626B	Ground Level Ext. Wall North Side	Plaster	2 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Tan									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td>% Asbestos: &lt;1%</td> </tr> <tr> <td>Chrysotile</td> <td style="text-align: center;">&lt;1%</td> <td>% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> <td>% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Asbestos: <1%	Chrysotile	<1%	% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%		
<i>Other Fibrous Materials</i>		% Asbestos: <1%											
Chrysotile	<1%	% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-35	HB12-2627A	Ground Level Ext. Wall West Side	Skim Coat	1 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Pink									
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<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-35	HB12-2627B	Ground Level Ext. Wall West Side	Plaster	2 of 2									
<b>ASBESTOS</b>			Homo- genous	Color									
None Detected			No	Tan									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td>% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: center;">&lt;1%</td> <td>% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%					
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											

## Bulk Sample Analysis for Asbestos

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer									
B796-36	HB12-2628A	Ground Level Ext. Wall Southwest Side	Skim Coat	1 of 2									
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>									
None Detected			No	Pink									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: right;">&lt;1%</td> <td style="text-align: right;">% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%					
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-36	HB12-2628B	Ground Level Ext. Wall Southwest Side	Plaster	2 of 2									
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>									
None Detected			No	Tan									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Asbestos: &lt;1%</td> </tr> <tr> <td>Chrysotile</td> <td style="text-align: right;">&lt;1%</td> <td style="text-align: right;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: right;">&lt;1%</td> <td style="text-align: right;">% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Asbestos: <1%	Chrysotile	<1%	% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%		
<i>Other Fibrous Materials</i>		% Asbestos: <1%											
Chrysotile	<1%	% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-37	HB12-2629A	Ground Level Ext. Roof Eave	Skim Coat	1 of 2									
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>									
None Detected			No	Off-White									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: right;">&lt;1%</td> <td style="text-align: right;">% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%					
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-37	HB12-2629B	Ground Level Ext. Roof Eave	Plaster	2 of 2									
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>									
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<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											
B796-38	HB12-2630A	Ground Level Ext. Roof Eave	Skim Coat	1 of 2									
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>									
None Detected			No	Off-White									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2"><i>Other Fibrous Materials</i></td> <td style="text-align: right;">% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td style="text-align: right;">&lt;1%</td> <td style="text-align: right;">% Non-Fibrous Materials: 100%</td> </tr> </table>			<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%					
<i>Other Fibrous Materials</i>		% Other Fibrous Materials: <1%											
Cellulose	<1%	% Non-Fibrous Materials: 100%											

**Bulk Sample Analysis for Asbestos**

WEC Project #: H12-796

Report #: 78922

Client Project#:

Report By: S. Yoshitake  
 Report Date: 6/4/2012

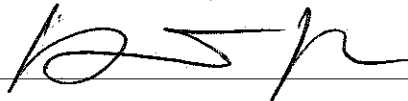
Client ID#	WEC ID#	Location	Material	Layer						
B796-38	HB12-2630B	Ground Level Ext. Roof Eave	Plaster	2 of 2						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Off-White						
<table border="1"> <tr> <td colspan="2">Other Fibrous Materials</td> <td>% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td>&lt;1%</td> <td>% Non-Fibrous Materials: 100%</td> </tr> </table>			Other Fibrous Materials		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%		
Other Fibrous Materials		% Other Fibrous Materials: <1%								
Cellulose	<1%	% Non-Fibrous Materials: 100%								
B796-39	HB12-2631A	Ground Level Ext. Roof Eave	Skim Coat	1 of 2						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Off-White						
<table border="1"> <tr> <td colspan="2">Other Fibrous Materials</td> <td>% Other Fibrous Materials: &lt;1%</td> </tr> <tr> <td>Cellulose</td> <td>&lt;1%</td> <td>% Non-Fibrous Materials: 100%</td> </tr> </table>			Other Fibrous Materials		% Other Fibrous Materials: <1%	Cellulose	<1%	% Non-Fibrous Materials: 100%		
Other Fibrous Materials		% Other Fibrous Materials: <1%								
Cellulose	<1%	% Non-Fibrous Materials: 100%								
B796-39	HB12-2631B	Ground Level Ext. Roof Eave	Plaster	2 of 2						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Off-White						
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Other Fibrous Materials		% Other Fibrous Materials: <1%								
Cellulose	<1%	% Non-Fibrous Materials: 100%								
B796-40	HB12-2632	Ground Level Window Caulk North Side	Caulk	1 of 1						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Black						
<table border="1"> <tr> <td colspan="2">Other Fibrous Materials</td> <td>% Other Fibrous Materials: 10%</td> </tr> <tr> <td>Synthetic</td> <td>10%</td> <td>% Non-Fibrous Materials: 90%</td> </tr> </table>			Other Fibrous Materials		% Other Fibrous Materials: 10%	Synthetic	10%	% Non-Fibrous Materials: 90%		
Other Fibrous Materials		% Other Fibrous Materials: 10%								
Synthetic	10%	% Non-Fibrous Materials: 90%								
B796-41	HB12-2633	Ground Level Window Caulk West Side	Caulk	1 of 1						
<b>ASBESTOS</b>			Homo- genous	Color						
None Detected			No	Black						
<table border="1"> <tr> <td colspan="2">Other Fibrous Materials</td> <td>% Other Fibrous Materials: 10%</td> </tr> <tr> <td>Synthetic</td> <td>10%</td> <td>% Non-Fibrous Materials: 90%</td> </tr> </table>			Other Fibrous Materials		% Other Fibrous Materials: 10%	Synthetic	10%	% Non-Fibrous Materials: 90%		
Other Fibrous Materials		% Other Fibrous Materials: 10%								
Synthetic	10%	% Non-Fibrous Materials: 90%								

**Bulk Sample Analysis for Asbestos**

WEC Project #: H12-796  
 Client Project#:

Report #: 78922  
 Report By: S. Yoshitake  
 Report Date: 6/4/2012

Client ID#	WEC ID#	Location	Material	Layer
B796-42	HB12-2634	Ground Level Window Caulk South Side	Caulk	1 of 1
<b>ASBESTOS</b>			<b>Homo- genous</b>	<b>Color</b>
None Detected			No	Black
Other Fibrous Materials			% Other Fibrous Materials: 10%	
Synthetic 10%			% Non-Fibrous Materials: 90%	

  
 \_\_\_\_\_  
 Kanokthip Wells, Lab Analyst

Date 6/4/2012

  
 \_\_\_\_\_  
 Shad Wells, S., Technical Reviewer

Date 6/4/2012

Analysis performed by EPA Method 600/R-93/116 with dispersion staining microscopy. All quantities reported are based on visual estimation by PLM, unless point-counting method is requested and noted for the sample. Test report relates only to items tested and must not be used by client to claim product endorsement by NVLAP or any agency of the U.S. Government. Test reports must not be reproduced without the approval of WEC Inc., and are subject to WEC Inc. General Terms and Conditions (see reverse). White Environmental Consultants, Inc. is an NVLAP accredited laboratory for bulk asbestos analysis. (Lab# 200350-0)

**FIELD DATA SHEET – BULK SAMPLE ANALYTICAL REQUEST**

ANALYSIS REQUESTED <u>ASBESTOS BULK</u> PAINT SOIL ARSENIC BULK		TURNAROUND TIME RUSH 24hr 48hr 72hr <u>5-day</u>	# OF SAMPLES <u>42</u>	SELECTED LABORATORY <u>WEC</u>
COLLECTED BY <u>Sh Duub</u>	RELINQUISHED BY <u>Sh Duub</u>	DATE / TIME RELINQUISHED <u>5/22/12 1000</u>	RECEIVED BY <u>[Signature]</u>	DATE / TIME RECEIVED <u>6/4/12 0420</u>

COMMENTS:

SAMPLE ID #	MATERIAL	LOCATION	COMMENTS
B796-01	Skim coat / Plaster	2nd Lanai Exterior Wall Fl. - South Side	
02	↓	↓	
03	↓	↓	
04	Membrane	Lanai wall Transition South Side	
05	↓	↓	
06	↓	↓	
07	caulk	Window caulk South Side	
08	↓	↓	
09	↓	↓	
10	Skim coat / Plaster	3rd Lanai Exterior Fl. - wall South Side	
11	↓	↓	
12	↓	↓	
13	caulk	Window caulk South Side	
14	↓	↓	
15	↓	↓	



WHITE ENVIRONMENTAL CONSULTANTS INC.

197 Sand Island Access Rd. Suite 203, Honolulu, HI 96819

Dept. of Veterans Affairs  
CLIENT \_\_\_\_\_

PROJECT NAME E-Wing Exterior

LOCATION Tripler Army Medical Facility

WEC JOB# H12-796

CLIENT JOB# \_\_\_\_\_

PAGE 2 OF \_\_\_\_\_

DATE 8/12/21

FIELD DATA SHEET - BULK SAMPLE ANALYTICAL REQUEST

SAMPLE ID #	MATERIAL	LOCATION	COMMENTS
B796-16	Skim coat / Plaster	4th Fl. - Lanai Exterior - wall South Side	
17	↓	↓	
18	↓	↓	
19	caulk	Window caulk South Side	
20	↓	↓	
21	↓	↓	
22	Skim coat / Plaster	5th Fl. - Lanai Exterior - wall South Side	
23	↓	↓	
24	↓	↓	
25	caulk	Mechanical Room vent caulk. South Side	
26	↓	↓	
27	↓	Window caulk East Side	
28	caulk	(Stair Access Exterior wall crack repair) caulk	
29	↓	↓	
30	↓	↓	
31	caulk	Ground Level Exterior wall joint caulk	
32	↓	↓	
33	↓	↓	
34	Skim coat / Plaster	Ground Level - Exterior wall North Side	
35	↓	↓	Exterior wall West Side







LAB # 102845

**Lead Analysis in Paint**

WEC Project #: H12-796  
 Client Project#:

Report #: 78920  
 Report By: S. Yoshitake  
 Report Date: 6/4/2012

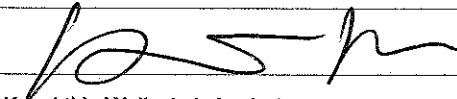
Client: Dept. of Veterans Affairs  
 459 Patterson Rd., Box 138  
 Honolulu, HI 96819

Collection By: S. Wells  
 Collection Date: 5/21/2012  
 Analysis By: K. Wells  
 Analysis Date: 6/1/2012  
 Received By: Wells  
 Received Date: 6/1/2012

TAT: One week (or more) # Samples: 3

Project /Name/Location: E-Wing Exterior TAMC

Client ID #	WEC ID#	Result	Result Units	Reporting Limit (ppm)
LP796-01	HP12-1607	540	ppm	100
LP796-02	HP12-1608	360	ppm	98
LP796-03	HP12-1609	450	ppm	99

  
 Kanokthip Wells, Lab Analyst

Date 6/4/2012

  
 Taylor Epstein, Technical Reviewer

Date 6/4/2012

If units of "weight %" are desired, use the following conversion equation: ppm/10,000 = wt %. Using units of "ppm" allows low concentrations of lead to be reported as whole numbers. EPA SW-846 Chapter 3.2 used in sample preparation. Analysis performed by flame atomic absorption spectroscopy using EPA Method SW-846-7420 and NIOSH Method 7082. The Reporting Limit is at least twice that of the Method Detection Limit (MDL). The MDL (defined as the minimum concentration of an analyte that can be reported with 99% confidence to have a concentration greater than zero) is determined from statistical analysis of replicate samples in a given matrix containing the analyte, as defined in 40CFR Part 136, Appendix B. Laboratory blanks are used to assess possible contamination and sensitivity of analysis, and no blank correction is made. Unless otherwise stated, all quality control samples are acceptable. Modifications made to the previously referenced test methods are documented in WEC Inc.'s Standard Operating Procedures Manual. Supporting laboratory documentation is available upon request. Unless otherwise stated, samples are received in acceptable condition. Results relate only to the items tested. WEC Inc. Honolulu is AIHA accredited in the Industrial Hygiene Program of asbestos fiber counts. WEC Inc. Honolulu is also AIHA accredited in the Environmental Lead Program for airborne particulates, soils, dust wipes, and paint chips (Lab ID# 102845). Test reports must not be reproduced without the approval of WEC Inc., and are subject to WEC Inc. General Terms and Conditions (see reverse).

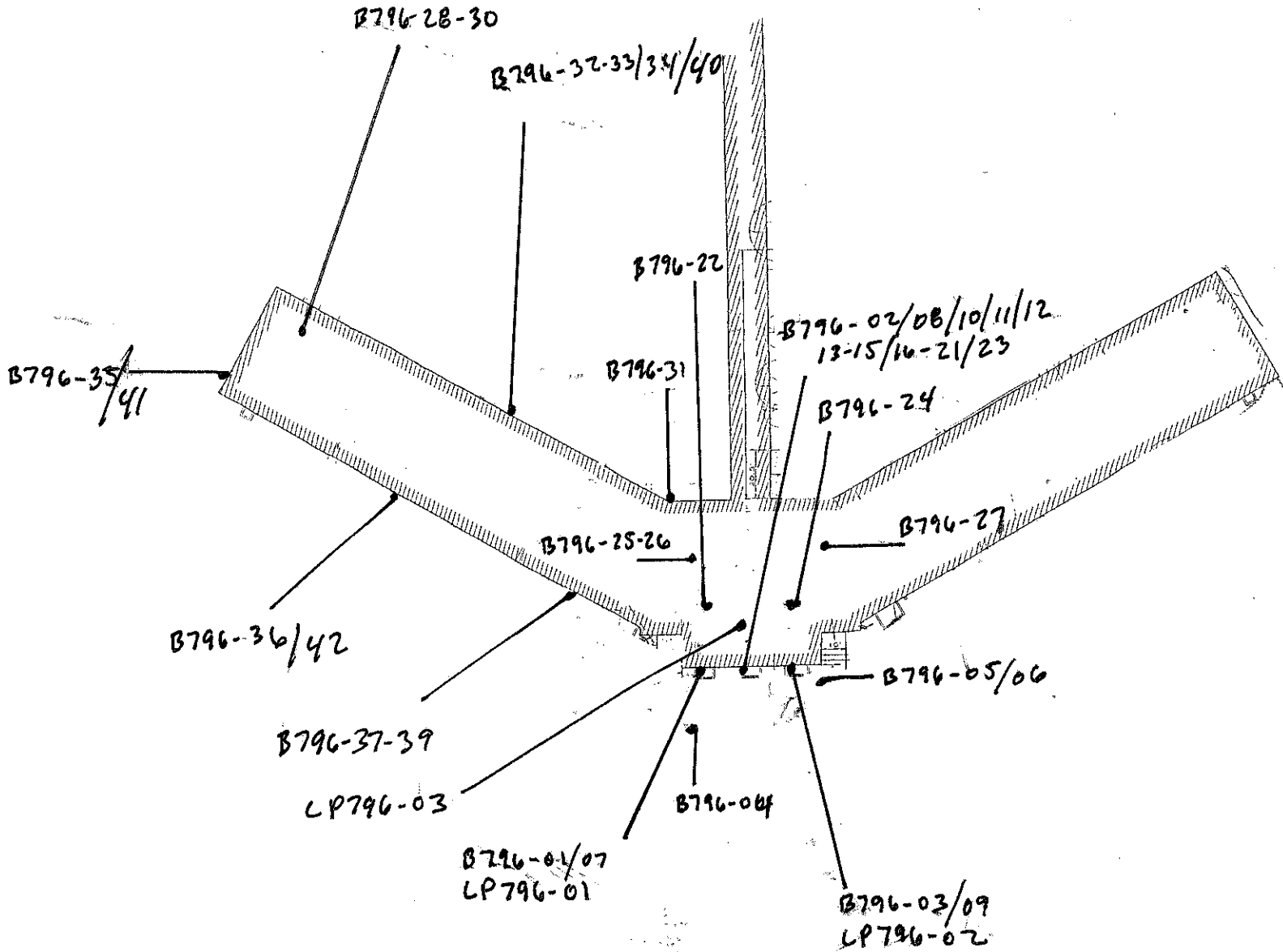
**FIELD DATA SHEET - BULK SAMPLE ANALYTICAL REQUEST**

ANALYSIS REQUESTED <b>PAINT</b> SOIL ARSENIC BULK	TURNAROUND TIME RUSH 24hr 48hr 72hr <b>5-dg</b>	# OF SAMPLES <b>3</b>	SELECTED LABORATORY <b>WEC</b>
COLLECTED BY <i>Sh Omb</i>	RELINQUISHED BY <i>Sh Omb</i>	DATE / TIME RELINQUISHED <b>5/22/12 1000</b>	RECEIVED BY <i>[Signature]</i>
DATE / TIME RECEIVED <b>5/15/12</b>			

COMMENTS:

SAMPLE ID #	MATERIAL	LOCATION	COMMENTS
LP796-01	Paint	Exterior wall	Pink Paint
LP796-02	↓	↓	Beige Paint
LP796-03	↓	5th Level covered area Ceiling - Exterior.	Beige Paint.

Sample location map.



Ground - 5th Level