

# Negative Lead & Asbesto Certification



## **ENVIRONMENTAL SURVEY FOR LEAD BASE PAINT**

# WAVE RANCH MANUFACTURERS

PW: 8004 / DI: 219020 Cibuco Ward Corozal, P.R.



**Prepared for:** 

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

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#### I. Summary

An environmental survey for Lead Base Paint (LBP) components was conducted by Integrated Global Solutions on March 12, 2024, of the premises and buildings located at Cibuco Ward, Corozal, P.R. The tenant of the facility is Wave Ranch Manufacturers. The purpose of this survey was to identify LBP coating on the structures to be scheduled for demolition or renovation. The survey was conducted following applicable portions of the Housing Urban Development Guidelines. The scope of the survey included detection of LBP components if present in painted components and 100% testing of all surface's components if present in painted structures or appurtenances.

One commercial space was tested. The survey, performed with an XRF instrument manufactured by Thermo Scientific, was conducted using 100% of testing.

The Lead Base Paint Inspection was performed to identify paint that contains lead above the allowable levels that could result in harm to construction personnel and workers, this survey report helps owners to develop a plan for eliminating any lead base paint hazards and re-evaluation program, if needed.

LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY. SEE TABLE 1.1

Table 1.1 Positive XRF Readings

Customer Name:	nmaga	XRF Form for L		7.04	Manufacturer DMA BOOK DI- 240020							
	Isander Silva Torres		Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020 Total Samples: 478									
Phone / Fax/Email:			Bidg/Structure: All									
Collected By:	Emilio Pinella		Floor	All								
The state of the s	March 12, 2024		XRF Serial No.	117328								
Project Description:	LBP Inspection	1				Reading	Paint					
Reading#	Structure	Room	Sustrate	Color	Component & Location	(mg/cm²)	Condition	Measuremen				
54	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.1	Poor	1 Unit				
55	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.6	Poor	1 Unit				
56	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.2	Poor	1 Unit				
57	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.0	Poor	1 Unit				
58	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.9	Poor	1 Unit				
59	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit				
60	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.3	Poor	1 Unit				
61	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.4	Poor	1 Unit				
62	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit				
63	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit				
64	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.6	Poor	1 Unit				
65	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.2	Poor	1 Unit				
66	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.3	Poor	1 Unit				
67	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.7	Poor	1 Unit				
68	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.9	Poor	1 Unit				
69	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.1	Poor	1 Unit				
70	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit				
71	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.4	Poor	1 Unit				
72	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.2	Poor	1 Unit				
73	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.3	Poor	1 Unit				
235	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	8.5	Poor	1 Unit				
236	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	8.5	Poor	1 Unit				
268	Interior Perimeter	Maintenance Room	Ceramic	White	Sink	7.5	Poor	1 Unit				

Note: All measurements must be corroborated.

#### II. Introduction

An environmental survey for Lead Base Paint (LBP) Components was conducted by Integrated Global Solutions on March 12, 2024, of the premises and buildings located at Cibuco Ward, Corozal, P.R. The tenant of the facility is Wave Ranch Manufacturers. The scope of the survey included LBP testing of components for several structures which are scheduled to be demolished or remodeled. The LBP investigation was conducted by Emilio Pinella, an EQB certified LBP inspector under license No. LBPI-22923-290. The credentials of Integrated Global Solutions, Inc. and of LBP inspector are attached in Appendix III.

#### III. Lead Based Paint Testing Methodology

The lead base paint testing protocol officially available at this time was published by HUD initially in 1990, revised in 1991 and finalized in 1995 (see above HUD reference). A revised Chapter 7 was published in 1997. In accordance with the new protocol, almost all surfaces present in the units have to be tested. The above guidelines were used to perform lead-based paint testing of this project.

The hazard level of lead in paint has been determined by the Department of Housing & Urban Development (HUD) to be 1.0 mg/cm2, as measured by an XRF or Atomic Absorption Spectroscopy (AAS), or 0.5% by weight (0r 5,000 ppm) as measured by

the AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992 under Title X.

#### The main steps involved in a multi-family inspection are:

- Select the painted area to be tested.
- Classify XRF and paint chip results.
- Collect and analyze paint chip samples, for inconclusive results.
- Classify paint chip results.
- Review and evaluate the data.
- Report findings.

#### IV. Testing Procedure

For this survey the painted components testing was performed with a Thermo Scientific XRF NITON XLP 300A fluorescent instrument (Serial number 117328). The instrument operates in two modes: standard mode and time corrected mode (Lead in Paint K+L variable reading time mode). The standard is a method selected for the NIST reference readings to ensure that the instrument is working according to the manufacturer performance characteristics sheet (PCS). The selected mode for sampling of components was time corrected mode (Lead in Paint variable reading

time mode), which allows reference to the abatement level set 1.0 mg/cm2. The results are reported at a 95% confidence level and the quality of the testing verified according to the manufacturer recommendations.

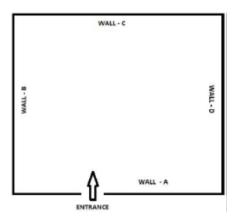
#### NOTE:

If the results of the surface analyzed by the XRF Spectrum Analyzer are less than 1.0 mg/cm2 it is considered negative.

If the results of the surface analyzed by the XRF Spectrum Analyzer are equal or greater than 1.0 mg/cm2 it is considered positive.

In case of inconclusive results, Paint Chip (sample of the past) will be analyzed at a certified laboratory and reported by weight of ppm.

Component sampling was conducted using a clockwise path for all spaces including exterior sides of selection as per the following figure:



#### V. Results

The results of the tested components are shown in Appendix II. A total of four hundred and seventy-eight (478) XRF readings were taken. LBP components were found at the time of this survey.

#### VI. Conclusions

LBP survey was conducted for Wave Ranch Manufacturers facilities located Cibuco Ward, Corozal, P.R.

# LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY.

The LBP survey relates to surfaces accessible and not covered by rigid barriers. Should any hidden surfaces or components be present, they must be assumed to be painted with LBP or with positive results.

#### VII. Conditions and Limitations – Disclaimer

Integrated Global Solutions has performed this lead base paint survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey. The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.

#### VIII. Recommendations

According to the PREQB lead regulations, prior to demolishing a structure containing lead base paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste according to the regulation. The firm contracted to provide the abatement services must be certified and certified as abatement workers and supervisors by a training provider accredited by PREQB.

**APPENDIX I. GENERAL VIEW OF INSPECTED STRUCTURE** 



# WAVE RANCH MANUFACTURERS FACILITIES





# **APPENDIX II. XRF DATA**

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
1	Calibration					1.2		
2	Calibration					1.0		
3	Calibration					0.80		
4	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.07		
5	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.10		
6	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.04		
7	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.09		
8	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.25		
9	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.26		
10	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.20		
11	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.29		
12	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.02		
13	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.28		
14	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.03		
15	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.04		
16	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.26		
17	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.20		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
18	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.16		
19	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.03		
20	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.03		
21	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.21		
22	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.20		
23	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.17		
24	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.07		
25	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.27		
26	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.15		
27	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.11		
28	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.02		
29	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.23		
30	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.20		
31	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.16		
32	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.12		_
33	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.02		
34	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.15		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
35	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.18		
36	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.04		
37	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.04		
38	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.09		
39	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.07		
40	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.20		
41	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.16		
42	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.11		
43	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.16		
44	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.26		
45	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.13		
46	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.12		
47	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.12		
48	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.14		
49	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.26		
50	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.21		
51	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.09		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
52	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.12		
53	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.24		
54	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.1	Poor	1 Unit
<i>55</i>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.6	Poor	1 Unit
<b>56</b>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.2	Poor	1 Unit
<i>57</i>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.0	Poor	1 Unit
<b>58</b>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.9	Poor	1 Unit
<b>59</b>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit
60	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.3	Poor	1 Unit
61	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.4	Poor	1 Unit
<b>62</b>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit
63	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit
64	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.6	Poor	1 Unit
65	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.2	Poor	1 Unit
66	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.3	Poor	1 Unit
67	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.7	Poor	1 Unit
68	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.9	Poor	1 Unit

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
69	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.1	Poor	1 Unit
70	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.8	Poor	1 Unit
71	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.4	Poor	1 Unit
<b>72</b>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.2	Poor	1 Unit
<b>73</b>	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Park Stops	1.3	Poor	1 Unit
74	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Wall A	0.10		
<i>7</i> 5	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Wall A	0.13		
76	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Low Wall	0.02		
77	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Low Wall	0.10		
78	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Main Entrance	0.28		
<b>79</b>	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Overhang	0.03		
80	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Low Wall Top	0.09		
81	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Soffit	0.02		
82	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Soffit	0.27		
83	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Fascia	0.13		
84	Exterior Perimeter	External Walls	Concrete	Blue	Paint, Fascia	0.08		
85	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Wall B	0.05		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
86	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Wall C	0.22		
87	Exterior Perimeter	External Walls	Concrete	Grey	Paint, Wall D	0.30		
88	Exterior Perimeter	External Walls	Metal	Blue	Paint, Flashing	0.23		
89	Exterior Perimeter	External Walls	Metal	White	Paint, Flashing	0.30		
90	Exterior Perimeter	External Walls	Metal	Blue	Paint, Wall A	0.30		
91	Exterior Perimeter	External Walls	Metal	White	Paint, Wall A	0.25		
92	Exterior Perimeter	External Walls	Metal	Blue	Paint, Wall B	0.16		
93	Exterior Perimeter	External Walls	Metal	White	Paint, Wall B	0.27		
94	Exterior Perimeter	External Walls	Metal	Blue	Paint, Wall C	0.06		
95	Exterior Perimeter	External Walls	Metal	White	Paint, Wall C	0.12		
96	Exterior Perimeter	External Walls	Metal	Blue	Paint, Wall D	0.24		
97	Exterior Perimeter	External Walls	Metal	White	Paint, Wall D	0.21		
98	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.16		
99	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.08		
100	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.14		
101	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.14		
102	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.10		

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Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
103	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.15		
104	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.26		
105	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.29		
106	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.23		
107	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.18		
108	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.24		
109	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.27		
110	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.27		
111	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.10		
112	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.19		
113	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.20		
114	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.21		
115	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.13		
116	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.08		
117	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.27		
118	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.27		
119	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.09		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
120	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.12		
121	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.20		
122	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.21		
123	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.09		
124	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.10		
125	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.25		
126	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.04		
127	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.17		
128	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.01		
129	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.09		
130	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.02		
131	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.19		
132	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.29		
133	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.14		
134	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.20		
135	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.25		
136	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.18		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

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Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
137	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.17		
138	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.13		
139	Exterior Perimeter	External Walls	Metal	White	Paint, Window Frame	0.20		
140	Exterior Perimeter	External Walls	Metal	White	Paint, Rolling Door Frame	0.16		
141	Exterior Perimeter	External Walls	Metal	White	Paint, Rolling Door Frame	0.13		
142	Exterior Perimeter	External Walls	Metal	White	Paint, Rolling Door Frame	0.16		
143	Exterior Perimeter	External Walls	Metal	White	Paint, Safety Gate	0.12		
144	Exterior Perimeter	External Walls	Metal	White	Paint, Safety Gate	0.23		
145	Exterior Perimeter	External Walls	Metal	White	Paint, Safety Gate	0.27		
146	Exterior Perimeter	External Walls	Metal	Yellow	Paint, Main Gate Posts	0.12		
147	Exterior Perimeter	External Walls	Metal	Yellow	Paint, Main Gate Posts	0.11		
148	Exterior Perimeter	External Walls	Metal	Yellow	Paint, Main Gate Posts	0.11		
149	Interior Perimeter	Show Room	Concrete	White	Paint, Wall A	0.01		
150	Interior Perimeter	Show Room	Drywall	Grey	Paint, Wall B	0.12		
151	Interior Perimeter	Show Room	Drywall	Grey	Paint, Wall C	0.17		
152	Interior Perimeter	Show Room	Drywall	Grey	Paint, Wall D	0.27		
153	Interior Perimeter	Show Room	Tile	White	Paint, Ceiling	0.18		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
154	Interior Perimeter	Dressing Room	Concrete	White	Paint, Wall A	0.16		
155	Interior Perimeter	Dressing Room	Concrete	White	Paint, Wall B	0.07		
156	Interior Perimeter	Dressing Room	Concrete	White	Paint, Wall C	0.17		
157	Interior Perimeter	Dressing Room	Concrete	White	Paint, Wall D	0.30		
158	Interior Perimeter	Dressing Room	Wood	Brown	Paint, Door	0.21		
159	Interior Perimeter	Dressing Room	Wood	Brown	Paint, Door Frame	0.16		
160	Interior Perimeter	Sewing Room	Drywall	White	Paint, Wall A	0.23		
161	Interior Perimeter	Sewing Room	Drywall	White	Paint, Wall B	0.24		
162	Interior Perimeter	Sewing Room	Drywall	White	Paint, Wall C	0.23		
163	Interior Perimeter	Sewing Room	Concrete	White	Paint, Wall D	0.29		
164	Interior Perimeter	Sewing Room	Concrete	White	Paint, Floor	0.17		
165	Interior Perimeter	Sewing Room	Tile	White	Paint, Ceiling	0.29		
166	Interior Perimeter	Sewing Room	Wood	Brown	Paint, Door	0.29		
167	Interior Perimeter	Sewing Room	Wood	Brown	Paint, Door Frame	0.19		
168	Interior Perimeter	Office 1	Drywall	White	Paint, Wall A	0.11		_
169	Interior Perimeter	Office 1	Drywall	White	Paint, Wall B	0.15		
170	Interior Perimeter	Office 1	Concrete	White	Paint, Wall C	0.21		_

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
171	Interior Perimeter	Office 1	Concrete	White	Paint, Wall D	0.19		
172	Interior Perimeter	Office 1	Ceramic	White	Paint, Floor	0.07		
173	Interior Perimeter	Office 1	Tile	White	Paint, Ceiling	0.30		
174	Interior Perimeter	Office 1	Wood	Brown	Paint, Door	0.04		
175	Interior Perimeter	Office 1	Wood	Brown	Paint, Door Frame	0.08		
176	Interior Perimeter	Office 2	Drywall	White	Paint, Wall A	0.04		
177	Interior Perimeter	Office 2	Drywall	White	Paint, Wall B	0.12		
178	Interior Perimeter	Office 2	Concrete	White	Paint, Wall C	0.22		
179	Interior Perimeter	Office 2	Drywall	White	Paint, Wall D	0.21		
180	Interior Perimeter	Office 2	Ceramic	White	Paint, Floor	0.03		
181	Interior Perimeter	Office 2	Tile	White	Paint, Ceiling	0.25		
182	Interior Perimeter	Office 2	Wood	Brown	Paint, Door	0.24		
183	Interior Perimeter	Office 2	Wood	Brown	Paint, Door Frame	0.05		
184	Interior Perimeter	Office 3	Drywall	White	Paint, Wall A	0.17		
185	Interior Perimeter	Office 3	Drywall	White	Paint, Wall B	0.19		
186	Interior Perimeter	Office 3	Drywall	White	Paint, Wall C	0.13		
187	Interior Perimeter	Office 3	Drywall	White	Paint, Wall D	0.16		

Customer Name: PRIDCO

Contact: Isander Silva Torres

Phone / Fax/Email: (787)-219-7397

Collected By: Emilio Pinella

Date: March 12, 2024

Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Total Samples: 478

Bldg/Structure: All

Floor: All

XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
188	Interior Perimeter	Office 3	Ceramic	White	Paint, Floor	0.27		
189	Interior Perimeter	Office 3	Tile	White	Paint, Ceiling	0.14		
190	Interior Perimeter	Office 3	Wood	Brown	Paint, Door	0.28		
191	Interior Perimeter	Office 3	Wood	Brown	Paint, Door Frame	0.15		
192	Interior Perimeter	Call Room	Drywall	White	Paint, Wall A	0.15		
193	Interior Perimeter	Call Room	Drywall	White	Paint, Wall B	0.18		
194	Interior Perimeter	Call Room	Drywall	White	Paint, Wall C	0.03		
195	Interior Perimeter	Call Room	Drywall	White	Paint, Wall D	0.10		
196	Interior Perimeter	Call Room	Drywall	White	Paint, Floor	0.12		
197	Interior Perimeter	Call Room	Tile	White	Paint, Ceiling	0.22		
198	Interior Perimeter	Call Room	Wood	Brown	Paint, Door	0.16		
199	Interior Perimeter	Call Room	Wood	Brown	Paint, Door Frame	0.25		
200	Interior Perimeter	Design Room	Drywall	White	Paint, Wall A	0.02		
201	Interior Perimeter	Design Room	Drywall	White	Paint, Wall B	0.06		
202	Interior Perimeter	Design Room	Drywall	White	Paint, Wall C	0.27		
203	Interior Perimeter	Design Room	Drywall	White	Paint, Wall D	0.02		
204	Interior Perimeter	Design Room	Drywall	White	Paint, Floor	0.08		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: <u>A//</u>

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
205	Interior Perimeter	Design Room	Tile	White	Paint, Ceiling	0.19		
206	Interior Perimeter	Design Room	Wood	Brown	Paint, Door	0.28		
207	Interior Perimeter	Design Room	Wood	Brown	Paint, Door Frame	0.01		
208	Interior Perimeter	Machine Room	Concrete	White	Paint, Wall A	0.14		
209	Interior Perimeter	Machine Room	Concrete	White	Paint, Wall B	0.19		
210	Interior Perimeter	Machine Room	Concrete	White	Paint, Wall C	0.20		
211	Interior Perimeter	Machine Room	Concrete	White	Paint, Wall D	0.18		
212	Interior Perimeter	Machine Room	Concrete	White	Paint, Floor	0.15		
213	Interior Perimeter	Machine Room	Concrete	White	Paint, Ceiling	0.10		
214	Interior Perimeter	Machine Room	Metal	White	Paint, Door	0.14		
215	Interior Perimeter	Machine Room	Metal	White	Paint, Door Frame	0.16		
216	Interior Perimeter	Break Room	Concrete	White	Paint, Wall A	0.10		
217	Interior Perimeter	Break Room	Concrete	White	Paint, Wall B	0.08		
218	Interior Perimeter	Break Room	Concrete	White	Paint, Wall C	0.13		
219	Interior Perimeter	Break Room	Concrete	White	Paint, Wall D	0.05		
220	Interior Perimeter	Break Room	Concrete	White	Paint, Floor	0.25		
221	Interior Perimeter	Break Room	Concrete	White	Paint, Ceiling	0.17		
222	Interior Perimeter	Break Room	Metal	White	Paint, Door	0.17		

Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020 Customer Name: PRIDCO

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All XRF Serial No. 117328

Date: March 12, 2024

Project	Description:	LBP	inspection
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Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
223	Interior Perimeter	Break Room	Metal	White	Paint, Door Frame	0.14		
224	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall A	0.09		
225	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall B	0.11		
226	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall C	0.19		
227	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall D	0.16		
228	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Ceililng	0.05		
229	Interior Perimeter	Men Bathroom	Metal	White	Paint, Door	0.16		
230	Interior Perimeter	Men Bathroom	Metal	White	Paint, Door Frame	0.05		
231	Interior Perimeter	Men Bathroom	Ceramic	White	Wall A	0.21		
232	Interior Perimeter	Men Bathroom	Ceramic	White	Wall B	0.21		
233	Interior Perimeter	Men Bathroom	Ceramic	White	Wall C	0.06		
234	Interior Perimeter	Men Bathroom	Ceramic	White	Wall D	0.18		
235	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	6.5	Poor	1 Unit
236	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	6.5	Poor	1 Unit
237	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	0.06		
238	Interior Perimeter	Men Bathroom	Ceramic	White	Stahl	0.14		
239	Interior Perimeter	Men Bathroom	Ceramic	Orange	Baseboard	0.03		
240	Interior Perimeter	Men Bathroom	Ceramic	Beige	Paint Floor Lines	0.12		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
241	Interior Perimeter	Women Bathroom	Concrete	Beige	Paint, Wall A	0.12		
242	Interior Perimeter	Women Bathroom	Concrete	Beige	Paint, Wall B	0.05		
243	Interior Perimeter	Women Bathroom	Concrete	Beige	Paint, Wall C	0.27		
244	Interior Perimeter	Women Bathroom	Concrete	Beige	Paint, Wall D	0.19		
245	Interior Perimeter	Women Bathroom	Concrete	Beige	Paint, Ceililng	0.15		
246	Interior Perimeter	Women Bathroom	Metal	White	Paint, Door	0.09		
247	Interior Perimeter	Women Bathroom	Metal	White	Paint, Door Frame	0.30		
248	Interior Perimeter	Women Bathroom	Metal	White	Paint, Door	0.27		
249	Interior Perimeter	Women Bathroom	Metal	White	Paint, Door Frame	0.26		
250	Interior Perimeter	Women Bathroom	Ceramic	White	Wall A	0.15		
251	Interior Perimeter	Women Bathroom	Ceramic	White	Wall B	0.24		
252	Interior Perimeter	Women Bathroom	Ceramic	White	Wall C	0.11		
253	Interior Perimeter	Women Bathroom	Ceramic	White	Wall D	0.18		
254	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.06		
255	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.16		
256	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.16		
257	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.20		
258	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.16		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
259	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.08		
260	Interior Perimeter	Women Bathroom	Ceramic	White	Paint Floor Lines	0.29		
261	Interior Perimeter	Women Bathroom	Ceramic	Orange	Baseboard	0.03		
262	Interior Perimeter	Maintenance Room	Concrete	Beige	Paint, Wall A	0.11		
263	Interior Perimeter	Maintenance Room	Concrete	Beige	Paint, Wall B	0.17		
264	Interior Perimeter	Maintenance Room	Concrete	Beige	Paint, Wall C	0.03		
265	Interior Perimeter	Maintenance Room	Concrete	Beige	Paint, Wall D	0.21		
266	Interior Perimeter	Maintenance Room	Concrete	Beige	Paint, Ceiling	0.22		
267	Interior Perimeter	Maintenance Room	Concrete	Beige	Paint, Floor	0.02		
268	Interior Perimeter	Maintenance Room	Ceramic	White	Sink	7.5	Poor	1 Unit
269	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall A	0.12		
270	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall B	0.23		
271	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall C	0.18		
272	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall D	0.02		
273	Interior Perimeter	General Work Area	Concrete	No Paint	Floor	0.26		
274	Interior Perimeter	General Work Area	Concrete	White	Paint, Ceiling	0.08		
275	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.21		
276	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.08		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
277	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.25		
278	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.11		
279	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.07		
280	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.21		
281	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.10		
282	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.24		
283	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.01		
284	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Beam Column	0.28		
285	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Beam Column	0.05		
286	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Beam Column	0.25		
287	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Beam Column	0.22		
288	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Beam Column	0.24		
289	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.17		
290	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.18		
291	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.13		
292	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.27		
293	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.03		
294	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.05		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
295	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.12		
296	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.29		
297	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.13		
298	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.30		
299	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.14		
300	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.28		
301	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.17		
302	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.05		
303	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.29		
304	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.04		
305	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.05		
306	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.05		
307	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.18		
308	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.09		
309	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.13		
310	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.01		
311	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.19		
312	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.20		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
313	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.15		
314	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.17		
315	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.15		
316	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.29		
317	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.07		
318	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.01		
319	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.27		
320	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.18		
321	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.11		
322	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.02		
323	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.24		
324	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.12		
325	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.12		
326	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.17		
327	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.24		
328	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.07		
329	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.06		
330	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.16		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
331	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.25		
332	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.19		
333	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.17		
334	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.04		
335	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.07		
336	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.20		
337	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.18		
338	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.05		
339	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.29		
340	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.09		
341	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.02		
342	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.14		
343	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.06		
344	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.05		
345	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.12		
346	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.08		
347	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.11		
348	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.17		

Customer Name: PRIDCO Project

Contact: Isander Silva Torres Total

Phone / Fax/Email: (787)-219-7397

Collected By: Emilio Pinella

Date: March 12, 2024

Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Total Samples: 478

Bldg/Structure: All

Floor: All

XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
349	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.01		
350	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.06		
351	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.26		
352	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.22		
353	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.12		
354	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.26		
355	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.16		
356	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.07		
357	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.12		
358	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.06		
359	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.03		
360	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.29		
361	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.02		
362	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.05		
363	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.11		
364	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.13		
365	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.27		
366	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.23		

Customer Name: PRIDCO Project N

Contact: Isander Silva Torres

Phone / Fax/Email: (787)-219-7397

Collected By: Emilio Pinella

Date: March 12, 2024

Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Total Samples: 478

Bldg/Structure: All

Floor: All

XRF Serial No. 117328

Proj	ect De	scription:	LBP	inspect	ion
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Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
367	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.13		
368	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.01		
369	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.01		
370	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.01		
371	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.16		
372	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.11		
373	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.04		
374	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.28		
375	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.04		
376	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.22		
377	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.21		
378	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.28		
379	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.02		
380	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.25		
381	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.25		
382	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.10		
383	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.03		
384	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.08		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
385	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.25		
386	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.11		
387	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.19		
388	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.07		
389	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.01		
390	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.17		
391	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.06		
392	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.02		
393	Interior Perimeter	General Work Area	Metal	Beige	Paint, Crossbeam	0.23		
394	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.16		
395	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.02		
396	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.28		
397	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.05		
398	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.14		
399	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.22		
400	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.03		
401	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.15		
402	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.13		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
403	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.17		
404	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.14		
405	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.25		
406	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.07		
407	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.30		
408	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.20		
409	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.17		
410	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.18		
411	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.07		
412	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.19		
413	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.15		
414	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.21		
415	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.04		
416	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.12		
417	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.15		
418	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.23		
419	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.27		
420	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.20		

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: <u>A//</u>

Collected By: Emilio Pinella Floor: All

Date: March 12, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
421	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.02		
422	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.21		
423	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.13		
424	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.06		
425	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.20		
426	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.07		
427	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.21		
428	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.10		
429	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.05		
430	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.28		
431	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.20		
432	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.26		
433	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.12		
434	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.21		
435	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.26		
436	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.08		
437	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.10		
438	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.18		

#### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: \_(787)-219-7397 Bldg/Structure: \_A//

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
439	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.01		
440	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.16		
441	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.25		
442	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.24		
443	Interior Perimeter	General Work Area	Metal	Grey	Paint, Fire Sprinkles System Duct	0.12		
444	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.21		
445	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.27		
446	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.02		
447	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.19		
448	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.02		
449	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.16		
450	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.13		
451	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.26		
452	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.26		
453	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.29		
454	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.10		
455	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.04		
456	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.09		

#### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Contact: Isander Silva Torres Total Samples: 478

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 12, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
457	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.03		
458	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.15		
459	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.23		
460	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.10		
461	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.17		
462	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.07		
463	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.25		
464	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.12		
465	Interior Perimeter	General Work Area	Metal	Beige	Paint, Window Safety Gate	0.27		
466	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Line Dividers	0.20		
467	Exterior Perimeter	External Walls	Metal	Blue	Paint, Wall D	0.22		
468	Exterior Perimeter	External Walls	Metal	Yellow	Paint, Main Gate Posts	0.10		
469	Interior Perimeter	Sewing Room	Drywall	White	Paint, Wall C	0.20		
470	Interior Perimeter	Office 1	Wood	Brown	Paint, Door	0.06		
471	Interior Perimeter	Office 3	Drywall	White	Paint, Wall A	0.14		
472	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall A	0.05		
473	Interior Perimeter	Women Bathroom	Ceramic	Orange	Baseboard	0.06		

#### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO
Project Name: Wave Ranch Manufacturers PW: 8004 DI: 219020

Total Samples: 478

Phone / Fax/Email: (787)-219-7397
Bldg/Structure: All

Collected By: Emilio Pinella
Date: March 12, 2024
XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
474	Interior Perimeter	General Work Area	Concrete	Grey	Paint, Support Column	0.15		
475	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Floor Lines	0.19		
476	Calibration					0.90		
477	Calibration					1.1		
478	Calibration					1.1		

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)

# **APPENDIX III. COMPANY AND INSPECTOR CREDENTIALS**



#### **COMPANY CREDENTIALS**





### **INSPECTOR CREDENTIALS**





# **APPENDIX IV. XRF PCS**









The world leader in serving science

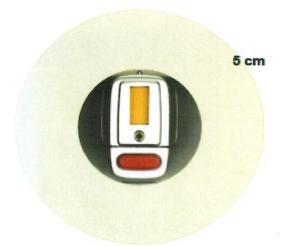
# Thermo Scientific Portable XRF Analyzers Isotope Radiation Survey Certificate

Instrument Model: XLp 300A
Instrument S/N: 117328

Detector Model: RadEye B20-ER

Detector S/N: 0213

Calibration Date: 4/5/2022



	<b>(μrem/hr)*</b> 1 mrem = 1.0 μSv)
Background	5 cm
12	0

<sup>\*</sup>All recorded measurements are net above background.

• Dose rate measurements taken at 360° perpendicular to instrument with the shutter closed (i.e., sources in the shielded position.

\*\* The survey results indicate that the dose rate does not exceed 0.05 milirem per hour at any point 5 cm [<  $50 \mu$ mm/hr at 5 cm] from the surface of the device.

Conducted by: David Nop

**Survey Date:** 

9/12/2022

TODAY

Thermo Scientific

2 Radcliff Road Tewksbury MA 01876

+1 978-670-7460

www.thermoscientific.com/pai

Portable Analytical Instruments

USA

+1 978-670-7430 fax

800-875-1578 (toll free)



#### **Certificate of Calibration**

Paint QC Sheet Document #: 140-00206 Revision: F1

Revision Date: 7 July 2020

 Serial Number:
 117328
 Model: Niton XLp 300A
 Software: 5.2F-Dual
 Date of Q.C.:
 9/13/2022

 Resolution:
 381.79
 Escale: 4.5
 Source: CD-109
 Inspector: RC

K+L 20 Sec Readings

Std	L	Lerr	K	Kerr	DI	L Status	K Status
1.0 Surface Wood-1	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Surface Wood-2	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Buried Wood-1	1.00	0.10	1.40	0.40	2.2	OK	OK
1.0 Buried Wood-2	1.00	0.10	1.20	0.40	2.2	OK	OK
Blank Wood-1	0.00	0.02	0.30	0.37	1.5	OK	OK
Blank Wood-2	0.02	0.04	0.30	0.36	4.7	OK	OK
3.5 Surface Wood-1	3.50	0.20	3.60	0.60	1.2	OK	OK
3.5 Surface Wood-1	3.70	0.20	3.60	0.60	1.3	OK	OK
0.3 Surface Concrete-1	0.30	0.03	0.40	0.60	1.0	OK	OK
0.3 Surface Concrete-2	0.28	0.03	0.40	0.60	1.0	OK	OK
Steel-1	0.04	0.07	-0.05	0.60	10.0	OK	OK
Steel-2	0.06	0.09	0.14	0.60	10.0	OK	OK
Pure Pb-1	10.10	3.60	82.00	2.70	1.7	OK	OK
Pure Pb-2	10.10	2.80	83.90	2.70	1.7	OK	OK
1.0 Surface Drywall-1	1.10	0.10	1.30	0.40	1.1	OK	OK
1.0 Surface Drywall-2	1.10	0.10	1.40	0.40	1.1	OK	OK

#### K+L 20 Sec Readings

Std	Time	Result	
Drywall-1	3.38	0.00	OK
Drywall-2	3.37	0.00	OK
French Plaster-1	3.37	0.00	OK
French Plaster-2	3.37	0.00	OK

This certificate is issued in accordance with Thermo Fisher Scientific factory specifications. The measurements were found to be within specification limits at the time of manufacture and calibration.

Standards are traceable to National Institute of Standards & Technology (NIST) standards.

Signed:

Steve Introne Director of Quality and Regulatory



#### SEALED SOURCE LEAK TEST CERTIFICATE

Certificate #:

7273

	LEAK TEST LABORATO	ORY INFORMATION		
COMPANY NAME	THERMO SCIENTIFIC	PORTABLE ANALYTICAL IN	STRUM	MENTS
LICENSE NUMBER	MASSACHUSETTS 55-0238	CONTACT NAME/ASS	T.RSO	Jose Hernandez
ADDRESS	2 RADCLIFF ROAD	<b>CONTACT NUMBER</b>	978-5	513-3634
	TEWKSBURY MA 01876	FAX NUMBER	978-6	670-7411

A copy of certificate should be maintained for a minimum of 3 years and for inspection by the regulatory agency.

#### SAMPLE KIT INFORMATION

Sample ID #: N-7132

Sample date: 8/31/2022

#### **SEALED SOURCE INFORMATION**

E 1 0 7: 1

**DEVICE/ANALYZER INFORMATION** 

Eckert & Ziegler Device make : Thermo Scientific Portable XRF Analyzers

Device model : XLp

Source model :

Manufacturer:

XCd9.06 TR4893

Serial number :

117328

Source serial number : Radioisotope :

Cd-109

11/15/2022

Activity (mCi):

Assay Date:

40

#### **LEAK TEST RESULT:**

Analysis of the above sample kit on date 8/3 I/

8/3 1/2022 yield the following result:

/	The analysis of the radioactive material of this leak test sample indicated the activity preson	ent is les
<b>✓</b>	than 0.005 uCi (or 185 Bq). The source may be used as authorized.	

Statistical analysis of the radioactive count data of this leak test sample indicated the activity present is greater than 0.005 uCi (or 185 Bq). This source should be considered leaking. Consult your device operations procedure; place this source in storage or quarantine area and make the required notification to your regulatory agency.

#### **DEVICE/SOURCE LEAK TEST IS DUE ON OR BEFORE**

2/28/2023

Leak test performed by: David Nop

Certified by:

Ronald Cardarelli

Ronald Cardarelli, RSO, CN

Date:

8/31/2022



# APPENDIX V. GENERAL VIEW PICTURES OF POSITIVE XRF READINGS



# **GENERAL VIEW OF POSITIVE EXTERIOR YELLOW, PARKING STOPS (20 units total)**









# GENERAL VIEW OF POSITIVE MEN BATHROOM CERAMIC, WHITE, SINKS (2 units total)



# GENERAL VIEW OF POSITIVE MAINTENANCE ROOM CERAMIC, WHITE, SINK (1 unit)





# ENVIRONMENTAL SURVEY FOR ASBESTOS CONTAINING MATERIALS

# WAVE RANCH MANUFACTURERS

PW: 8004 / DI: 219020 Cibuco Ward Corozal, P.R.



**Prepared for:** 

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

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- II. Introduction
- III. General Background
- IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)
- V. Project Identification/Description
- VI. Methods of Building Inspections
- VII. Sampling Methods
- VIII. Inspection Results
- IX. Conclusions
- X. Conditions, Limitations and Disclaimer
- XI. Appendixes

Appendix I. General View of Inspected Structures

Appendix II. Laboratory Results

Appendix III. Accreditations

Appendix IV. ACM Negative Certification

### I. Summary

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 12, 2024, for the facility located at Cibuco Ward, Corozal, P.R. The tenant of this facility is Wave Ranch Manufacturers. The purpose of this survey included sampling and physical evaluations of suspicious ACM material. To identify ACM on the structure scheduled for demolition to complete improvements to the structure.

This survey report can help owners develop a plan for eliminating any asbestos hazards that were found and may aid in establishing ongoing asbestos containing materials maintenance and re-evaluation program, if needed.

NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS.

#### II. Introduction

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 12, 2024, for the facility located at Cibuco Ward, Corozal, P.R. The asbestos investigation was conducted by Emilio Pinella an AHERA Certified Asbestos Building Inspector (License number ASB-0124-0011-SI).

# III. General Background

Asbestos was used in the construction industry from 1900 to 1989. It is still used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessarily constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other everyday activity that allows fibers to be released into the environment, then a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with various types of lung diseases including a debilitating disease called asbestosis; a rare cancer of the chest called mesothelioma; and cancers of the esophagus, stomach, colon, and other organs. Asbestos is not fatal; it is, however, incurable. One who has it cannot breathe easily, and physical activity becomes limited. Mesothelioma is 100% fatal, as there is no cure.

These diseases can be directly linked to the mineral of asbestos in the particle form that can be found in the lining of the lung and stomach, since the body cannot absorb these minerals. Tests have determined that asbestos can cause cancer, but scientists disagree on the amount of asbestos fibers that must be inhaled to cause cancer. The nose filters out all visible particles. Therefore, only microscopic fibers are the ones who cause the problem. Studies indicate different health effects resulting from exposure to chrysolite asbestos versus exposure to amphibole form of asbestos. The latter, which include tremolite, amosite, anthophyllite and crocidolite have more significant health impact than chrysolite.

Some scientists' studies concluded that the dimensions of the fiber which ones enter in the lung area, resulting in cancer. Long, thin fibers, greater than 8 microns in length and less than 0.25 microns in diameter show the highest potential of cancer development.

# IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)

The EPA's rules concerning the application, removal, and disposal of ACM, as well as manufacturing, spraying, and fabricating of ACM were issued under the asbestos NESHAP regulation, under the 40 CFR 61 Subpart M on October 30, 1997. The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before the building is demolished and may require its removal before renovation. If friable ACM shall be disturbed, the NESHAP rule may require appropriate



work practice, or procedures for emission control. The rules state that any ACM which may become friable poses a potential hazard that should be addressed.

A revised NESHAP ruling released on November 20, 1990 (effective on February 20, 1991) which includes the responsibility of the owner, or operator, to "prior to commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II non-friable ACM" (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

## V. Project Description / Identification

This project consists of the premises and buildings located at Cibuco Ward, Corozal, P.R.

## VI. Method of Building Inspection

The visual inspection was conducted according to the condition of ACM in that location and the potential for material disturbance. The assessment scheme followed the recommendations by EPA as a result of the Asbestos Hazard Emergency Response Act and outlined in the 40 CFR Part 763.88 dated October 30, 1987, and amended by 40 CFR Part 61, NESHAP (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

The functional space was visited and visually inspected to identify the location of any suspected ACM. An assessment was then made of the friability of suspected ACM by touching the material to determine if it could be pulverized, crumbled, or reduced to powder by hand pressure. Upon completion of the suspect material and grouped into "homogenous sampling areas", i.e., areas which are uniform by color, texture, construction/application date and general appearance.

ACM was categorized as follow:

- 1. Category I, non-friable containing materials (ACM). This includes asbestos containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos.
- 2. Category II, non-friable ACM. This includes any materials, excluding Category I non-friable ACM containing more than 1% asbestos, that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- 3. Friable asbestos materials. This includes any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Physical hazard assessment was performed based on AHERA regulations. This protocol provides separate analysis for three types of materials: surfacing, thermal insulation and miscellaneous. However, this protocol does not provide a means for relative ranking of individual hazards within the category. Therefore, a separate analysis was performed to assess hazard ranking which could be used for this type of material. The hazard assessment combines the level of potential disturbance with the current condition of ACM to indicate overall hazard potential.

The rankings of potential hazards range from 1-most hazardous to 7-least hazardous. The highest rank is reserved for ACM, which is significantly damaged. A review of the definition of "significant damage" reveals that the definitions are designed to identify ACBM, which is so extensively damaged or deteriorated, that requires immediate corrective action. Hazard rank 2-4 reflects ACBM, which is damaged as defined AHERA, with rank 2 indicating a "potential for significant damage" and rank 3 indicating a "potential for damage". Hazard ranks 5-7 are reserved for ACBM currently in good condition, but with a range in the likelihood for future disturbance.

# VII. Sampling Methods

An asbestos visual survey was conducted for the suspected ACM for one (1) facility located at Cibuco Ward, Corozal, P.R.

#### VIII. Conclusions

NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS.

### IX. Conditions, Limitations and Disclaimer

Integrated Global Solutions has performed this Asbestos Containing Materials Survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey.

The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.

**APPENDIX I. GENERAL VIEW OF INSPECTED STRUCTURE** 



# WAVE RANCH MANUFACTURERS FACILITIES





# **APPENDIX II. LABORATORY RESULTS**



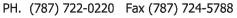
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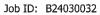
Integrated Global Solutions

Jessica Garcia

#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







Elme Rivera

#### **REPORT NUMBER**

RP24032608

#### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Date Collected:

03/12/2024

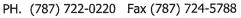
Project Name:	Vicionana	Laba DW. 9004 DT. 210020		Date Received	03/19/2024	
	Visionary	Labs PW: 8004 DI: 219020		Date Received	: 03/18/2024	
Project ID:						
		RESULT OF ANAL	YSIS (BY 9	% AREA VISU	AL ESTIMATE)	
Lab S Client Sample ID	ample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
<b>B24030032.01</b> B24030032.01.A 219020-031224-01 Layer % of Total: Date Analyzed: 03	100%	Semi Hard, Bituminous with Aluminum, Glue Other - and paint Black	No		Cellulose 3 Glass Fibers 2	Aluminum 10 Bitumen 70 Glue 10 Binders/Paint 5
Sample Location:		oof Insulation				
Comments: Paint included as		of institution				
<b>B24030032.02</b> B24030032.02.A 219020-031224-02 Layer % of Total :	=	Semi Hard, Bituminous with Aluminum and Fibers Black	No		Cellulose 5 Glass Fibers 3	Aluminum 10 Bitumen 82
Date Analyzed: 03 Sample Location: Comments:		Roof Insulation				
<b>B24030032.03</b> B24030032.03.A 219020-031224-03 Layer % of Total ::		Semi Hard, Bituminous with Aggregate, Aluminum Other - and fibers Black	No		Cellulose 7 Glass Fibers 3	Aluminum 10 Bitumen 65 Sand/Aggregates 15
Date Analyzed: 03 Sample Location: Comments:		f Insulation				
<b>B24030032.04</b> B24030032.04.A 219020-031224-04 Layer % of Total ::		Semi Hard, Bituminous with Aggregate, Aluminum Other - and fibers Black	No		Cellulose 10 Glass Fibers 3	Aluminum 15 Bitumen 60 Sand/Aggregates 12
MICROANALYST:	y	gr-		QUAL	ITY CONTROL:	A Vivo

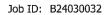
PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







#### **REPORT NUMBER**

RP24032608

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

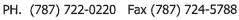
Client Name:	Integrated	d Global Solutions		Date Collected:	03/12/2024	
Project Name:	Visionary	Labs PW: 8004 DI: 219020		Date Received:	03/18/2024	
Project ID:						
		RESULT OF ANAL	YSIS (BY	% AREA VISUAL	ESTIMATE)	
Lab S Client Sample ID	ample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Date Analyzed: 03	3/19/2024					
ample Location: Comments:	Northeast	Roof Insulation				
324030032.05 324030032.05.A 219020-031224-05 ayer % of Total :		Semi Hard, Bituminous with Aggregate and Fibers Black	No		Cellulose 10 Glass Fibers 2	Bitumen 73 Sand/Aggregates 15
Date Analyzed: 03						
Sample Location: Comments:	North Roo	of Insulation				
<b>B24030032.06</b> B24030032.06.A B219020-031224-06 Layer % of Total :		Semi Hard, Bituminous with Aggregate and Fibers Black	No		Cellulose 15 Glass Fibers 5	Bitumen 70 Sand/Aggregates 10
Date Analyzed: 03						
Sample Location: Comments:		t Roof Insulation				
<b>B24030032.07</b> B24030032.07.A 219020-031224-07 Layer % of Total :		Semi Hard, Bituminous with Aluminum and Fibers Black	No		Cellulose 12 Glass Fibers 8	Aluminum 15 Bitumen 65
Date Analyzed: 03	3/19/2024					
Sample Location: Comments:		f Insulation				
MICROANALYST:		Jessica Garcia	:	QUALITY	CONTROL:	A Vica Elme Rivera

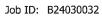
PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







Elme Rivera

#### **REPORT NUMBER**

RP24032608

#### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Project Name:		Global Solutions		Date Collected:	03/12/2024	
	Visionary La	abs PW: 8004 DI: 219020		Date Received:	03/18/2024	
Project ID:						
		RESULT OF ANAL	YSIS (BY	% AREA VISUAL	ESTIMATE)	
Lab Sa Client Sample ID	mple ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
324030032.08 324030032.08.A 219020-031224-08 ayer % of Total :10	00%	Semi Hard, Bituminous with Fibers and Paint Black	No		Cellulose 12 Glass Fibers 3	Binders/Paint 15 Bitumen 70
Date Analyzed: 03/	19/2024					
Sample Location: Comments: Paint included as t		A/C Vent Cap Mastic				
324030032.09 324030032.09.A 219020-031224-09 ayer % of Total :10		Semi Hard, Bituminous with Aluminum, Fibers Other - and paint Black	No		Cellulose 10 Glass Fibers 5	Aluminum 15 Bitumen 55 Binders/Paint 15
Date Analyzed: 03/	19/2024					
Sample Location: Comments: Paint included as t		A/C Exhaust Cap Mastic				
324030032.10 324030032.10.A 219020-031224-10 ayer % of Total :10		Semi Hard, Vinyl with Plastic, Glue and Fibers Cream	No		Cellulose 2	Glue 8 Vinyl 70 Binders/Paint 20
Date Analyzed: 03/2	19/2024					
	Asst. Office	e Vynil Floor Tile & Glue				

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

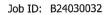
Jessica Garcia



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907

PH. (787) 722-0220 Fax (787) 724-5788





#### REPORT NUMBER

RP24032608

#### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Integrated Global Solutions	Date Collected:	03/12/2024
Project Name:	Visionary Labs PW: 8004 DI: 219020	Date Received:	03/18/2024
Project ID:			

#### RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID Client Sample ID	Sample	Asbestos Asbestos	Other	Non - Fibrous
	Description	Detected Fibers	Fibers	Material
<b>B24030032.11</b> B24030032.11.A 219020-031224-11 Layer % of Total :100%	Semi Hard, Vinyl with Plastic, Glue and Fibers Cream	No	Cellulose 45	Glue 10 Vinyl 30 Binders/Paint 15

Date Analyzed: 03/19/2024

Sample Location: Manager Office Vynil Floor Tile & Glue

Comments:

Plastic included as binder

Comments:

For all heterogeneous and layered samples easily separated into sublayers, each component is analyzed and reported separately.

Samples are analyzed by PLM using dispersion staining techniques in accordance with US EPA methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

MICROANALYST:	go-	QUALITY CONTROL:	A Vins	
	Jessica Garcia	· · · · · · · · · · · · · · · · · · ·	Elme Rivera	

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



#### **CHAIN OF CUSTODY (TRANSMITTAL SHEET FOR SAMPLES)**

coc#: 1 of 1

Customer Name:			Project Name:									
Contact:	Isander Silva Torres			Total Samples:	11		Job Number:					
Phone/Fax/E-mail:	(787)-219-7397 / isilva@	integrated-co	гр.сот	EQB Certified Inspector ID	AS	B-0523-0195-SI			Remarks	:		
Collected by:	Emilio Pinella/epinella@integrated-corp.com				Structure Address:							
Analized by Lab:				Corozal, Puerto Rico 00783				Bulk Samples				
AIIIA Lab ID:					orozui, Fuerio Rico 00765							
Project Description:	Bulk Samples from Visionarys' Lab Waveranch Roof and Vy			nil Tiles and glue from A								
Sample No.	Date	Time		Sample Descripti	on			Sample		24030		
				<u>_</u>		Bulk	Water	Wipe	Soil	Paint Chip	TCLP	
219020-031224-01	12-Mar-2024	12:00 PM		South, Roof Insula	tion	X					- ગ	
219020-031224-02	12-Mar-2024	12:15 PM		Southeast, Roof Insu	lation	X					52	
219020-031224-03	12-Mar-2024	12:30 PM		East, Roof Insula	tion	X					.03	
219020-031224-04	12-Mar-2024	12:35 PM	Northeast, roof Insulation			X					-04	
219020-031224-05	12-Mar-2024	12:50 PM	North, Roof Insulation			X					-0J	
219020-031224-06	12-Mar-2024	1:00 PM	Northwest. Roof Insulation			X					0b	
219020-031224-07	12-Mar-2024	1:10 PM		West, Roof Insula	tion	X					10.	
219020-031224-08	12-Mar-2024	1:30 PM		Northwest, A/C Vent Co	p Mastic	X					-08	
219020-031224-09	12-Mar-2024	1:35 PM		Southeast, A/C Exhaust (	Cap Mastic	X					.09	
219020-031224-10	12-Mar-2024	1:45 PM	Asst. Office Vynil floor tile & glue			X					'ص	
219020-031224-11	12-Mar-2024	1:55 PM	, A	Aanager Office Vynil floo	r tile & glue	X					21	
Turn Around Tim	e: Normal: <u>X</u> 3	days	Rush:	24 hours	Rush:	16 hours						
Sampling Collected by:	Relinquished by:	Received by:	· Cr	Relinquished by:	Received by	Delivery to Lub by:				at Lab by:		
Emilio Pinella	Nicole Pèrez		ifer Kivera						Jeni		WE K	
Date: Time: 03/12/24 12:00 PM	Date: Time: 03/12/24 5:00 PM	Date:	Time:	Date: Time:	Date: Time:	Date: Tim	le:		Date: 3/18/2		Time: 4:40	
03/12/24 \12:00 PM	03/12/24   3:00 PM	13/18/5	14:40	1		L			الالالا	-4 (	7.70	





# **APPENDIX III. ACCREDITATIONS**



## **INSPECTOR CREDENTIALS**



ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



**APPENDIX IV. ACM Negative Certification** 



#### GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

# CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PRIDCO: PW-8004 DI-219020

Yo	o, <u>Emilio Pinella</u> , mayor de edad, <u>Casado</u> , y vecino de <u>Bayamon</u> (Nombre) (Municipio)								
Di	rección Postal RR 8 Box 1995 PMB 112 Bayamón P.R. 00956  (Pueblo) (Zip Code)								
Te	eléfonos: Residencial (_787) _5334400								
Се	rtifico que: Wave Ranch Manufacturers								
1.	La estructura localizada en Cibuco Ward, Corozal, PR. la cual será objeto de una demolición se encuentra libre de								
	asbesto.								
2.	La información antes indicada es cierta y correcta.								
3.	Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.								
4.	Para que así conste, firmo la presente certificación en Guaynabo de Puerto Rico, (Municipio)								
	hoy día <u>12</u> de <u>marzo</u> de <u>2024</u>								
	Emilio Pinslla								
	Firma y Sello del Profesional o Firma del Inspector de Asbesto registrado por la JCA (Original)								
	Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.								

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926

Dirección Postal: Apartado 11488, Santurce, PR 00910-1488

Tel. (787) 767-8181 • Fax (787) 767-1962





ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

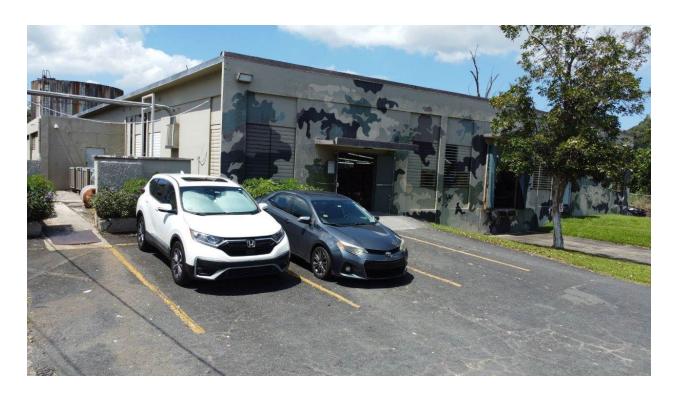
Firma Autorizada - Departamento Recursos Naturales y Ambientales



# **ENVIRONMENTAL SURVEY FOR LEAD BASE PAINT**

BLUEWATER DEFENSE T090306800 PW: 8004 / DI: 219021 Cibuco Wards

Corozal, P.R.



Prepared for:

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

# **Table of Contents**

- I. Summary
- II. Introduction
- III. Lead Base Paint Testing Methodology
- IV. Testing Procedure
- V. Results
- VI. Conclusions
- VII. Recommendations
- VIII. Appendixes

Appendix I General View Pictures of Inspected Structures

Appendix II XRF Data

Appendix III Company and Inspector Credentials

Appendix IV XRF PCS

Appendix V General View Pictures of Positive XRF Readings



### I. Summary

An environmental survey for Lead Base Paint (LBP) components was conducted by Integrated Global Solutions on March 13, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T090306800. The purpose of this survey was to identify LBP coating on the structures to be scheduled for demolition or renovation. The survey was conducted following applicable portions of the Housing Urban Development Guidelines. The scope of the survey included detection of LBP components if present in painted components and 100% testing of all surface's components if present in painted structures or appurtenances.

One commercial space was tested. The survey, performed with an XRF instrument manufactured by Thermo Scientific, was conducted using 100% of testing.

The Lead Base Paint Inspection was performed to identify paint that contains lead above the allowable levels that could result in harm to construction personnel and workers, this survey report helps owners to develop a plan for eliminating any lead base paint hazards and re-evaluation program, if needed.

# LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY. SEE TABLE 1.1

Table 1.1 Positive XRF Readings

		XRF Form for Lea	ad Base Paint Ir	spection						
Customer Name:	PRIDCO		Project Name	Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021						
Contact: Isander Silva Torres			Total Samples	Total Samples: 279						
Phone / Fax/Email:	x/Email: (787)-219-7397			Bldg/Structure: All						
Collected By:	Emilio Pinella		Floor: All							
Date:	March 13, 2024		XRF Serial No. 117328							
Project Description:	Project Description: LBP inspection									
Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measureme		
4	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.2	Poor	30 lf		
5	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.2	Poor	30 lf		
6	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.5	Poor	30 lf		
7	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.4	Poor	30 lf		
8	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.5	Poor	30 lf		

Note: All measurements must be corroborated.



#### II. Introduction

An environmental survey for Lead Base Paint (LBP) Components was conducted by Integrated Global Solutions on March 13, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T090306800. The scope of the survey included LBP testing of components for several structures which are scheduled to be demolished or remodeled.

The LBP investigation was conducted by Emilio Pinella, an EQB certified LBP inspector under license No. LBPI-22923-290. The credentials of Integrated Global Solutions, Inc. and of LBP inspector are attached in Appendix III.

### III. Lead Based Paint Testing Methodology

The lead base paint testing protocol officially available at this time was published by HUD initially in 1990, revised in 1991 and finalized in 1995 (see above HUD reference). A revised Chapter 7 was published in 1997. In accordance with the new protocol, almost all surfaces present in the units have to be tested. The above guidelines were used to perform lead-based paint testing of this project.

The hazard level of lead in paint has been determined by the Department of Housing & Urban Development (HUD) to be 1.0 mg/cm2, as measured by an XRF or Atomic Absorption Spectroscopy (AAS), or 0.5% by weight (0r 5,000 ppm) as measured by

the AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992 under Title X.

#### The main steps involved in a multi-family inspection are:

- Select the painted area to be tested.
- Classify XRF and paint chip results.
- Collect and analyze paint chip samples, for inconclusive results.
- Classify paint chip results.

- Review and evaluate the data.
- Report findings.

### IV. Testing Procedure

For this survey the painted components testing was performed with a Thermo Scientific XRF NITON XLP 300A fluorescent instrument (Serial number 117328). The instrument operates in two modes: standard mode and time corrected mode (Lead in Paint K+L variable reading time mode). The standard is a method selected for the NIST reference readings to ensure that the instrument is working according to the manufacturer performance characteristics sheet (PCS). The selected mode for sampling of components was time corrected mode (Lead in Paint variable reading time mode), which allows reference to the abatement level set 1.0 mg/cm2. The results are reported at a 95% confidence level and the quality of the testing verified according to the manufacturer recommendations.

#### NOTE:

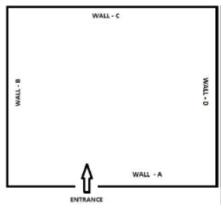
If the results of the surface analyzed by the XRF Spectrum Analyzer are less than 1.0 mg/cm2 it is considered negative.

If the results of the surface analyzed by the XRF Spectrum Analyzer are equal or greater than 1.0 mg/cm2 it is considered positive.

In case of inconclusive results, Paint Chip (sample of the past) will be analyzed at a certified laboratory and reported by weight of ppm.

Component sampling was conducted using a clockwise path for all spaces including exterior sides of selection as per the following figure:





#### V. Results

The results of the tested components are shown in Appendix II. A total of two hundred and seventy-nine (279) XRF readings were taken. LBP components were found at the time of this survey.

#### VI. Conclusions

LBP survey was conducted for Bluewater Defense T090306800 facilities located Cibuco Wards, Corozal, P.R.

## LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY.

The LBP survey relates to surfaces accessible and not covered by rigid barriers. Should any hidden surfaces or components be present, they must be assumed to be painted with LBP or with positive results.

#### VII. Conditions and Limitations – Disclaimer

Integrated Global Solutions has performed this lead base paint survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this property

on the date of the survey. The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.

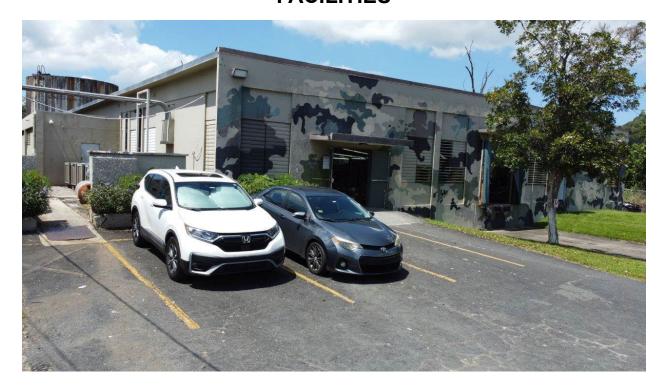
#### VIII. Recommendations

According to the PREQB lead regulations, prior to demolishing a structure containing lead base paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste according to the regulation. The firm contracted to provide the abatement services must be certified and certified as abatement workers and supervisors by a training provider accredited by PREQB.

## **APPENDIX I. GENERAL VIEW OF INSPECTED STRUCTURE**



# BLUEWATER DEFENSE T090306800 FACILITIES





## **APPENDIX II. XRF DATA**

Bldg/Structure: All

Floor: All

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397

Collected By: Emilio Pinella

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
1	Calibration					0.90		
2	Calibration					0.90		
3	Calibration					1.1		
4	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.2	Poor	30 lf
5	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.2	Poor	30 lf
6	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.5	Poor	30 lf
7	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.4	Poor	30 lf
8	Interior Perimeter	General Work Area	Concrete	Yellow	Paint, Perimeter Lines	1.5	Poor	30 lf
9	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall A	0.05		
10	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall B	0.22		
11	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall C	0.23		
12	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall D	0.24		
13	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang	0.06		
14	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang	0.15		
15	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang	0.08		
16	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang	0.23		
17	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.08		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: <u>All</u>

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
18	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.29		
19	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.18		
20	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.19		
21	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.13		
22	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.24		
23	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.17		
24	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.11		
25	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Walk Through Walls	0.25		
26	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Walk Through Walls	0.14		
27	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Soffit	0.06		
28	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Fascia	0.15		
29	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Bathroom Structure Walls	0.04		
30	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Bathroom Structure Walls	0.14		
31	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Bathroom Structure Walls	0.04		
32	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Bathroom Structure Soffit	0.22		
33	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Bathroom Structure Fascia	0.16		
34	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Double Door	0.05		_

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
35	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Double Door	0.18		
36	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Double Door	0.15		
37	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Double Door	0.14		
38	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Double Door Frame	0.26		
39	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Double Door Frame	0.29		
40	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Double Door Frame	0.04		
41	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Double Door Frame	0.18		
42	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Door	0.30		
43	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Door	0.11		
44	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Door Frame	0.16		
45	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Door Frame	0.14		
46	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Rolling Door	0.06		
47	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Rolling Door	0.17		
48	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Rolling Door Frame	0.19		
49	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Rolling Door Frame	0.29		
50	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.24		
51	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.14		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
52	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.11		
53	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.06		
54	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.03		
<i>55</i>	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.21		
<i>5</i> 6	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.05		
<i>57</i>	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.24		
58	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.15		
59	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.22		
60	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.16		
61	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.04		
62	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.04		
63	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.24		
64	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.09		
65	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.16		
66	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.08		
67	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.24		
68	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.14		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
69	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.07		
70	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.23		
71	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.18		
72	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.24		
73	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.11		
74	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.10		
75	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.06		
76	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.25		
77	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.12		
78	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.28		
79	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.28		
80	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.08		
81	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.29		
82	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.25		
83	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.19		
84	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.14		
85	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.02		-

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
86	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.13		
87	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.14		
88	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.19		
89	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.14		
90	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.10		
91	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.24		
92	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.30		
93	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.09		
94	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.25		
95	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.21		
96	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.24		
97	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.21		
98	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.04		
99	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.11		
100	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.10		
101	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.04		
102	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.29		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
103	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.20		
104	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.17		
105	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.25		
106	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.02		
107	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.10		
108	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.05		
109	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.26		
110	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.19		
111	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.26		
112	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.30		
113	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.21		
114	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.12		
115	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.05		
116	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.12		
117	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.11		
118	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.17		
119	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.10		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
120	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.14		
121	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.20		
122	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.07		
123	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.26		
124	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.20		
125	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.26		
126	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.24		
127	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.21		
128	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.15		
129	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window	0.26		
130	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.24		
131	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.06		
132	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.28		
133	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.16		
134	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.10		
135	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.27		
136	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.22		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
137	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.24		
138	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.16		
139	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.12		
140	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.01		
141	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.29		
142	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.07		
143	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.14		
144	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.09		
145	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.23		
146	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.12		
147	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.11		
148	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.11		
149	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.14		
150	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.14		
151	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.21		
152	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.17		
153	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.24		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
154	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.13		
155	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.26		
156	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.11		
157	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.10		
158	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.28		
159	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.07		
160	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.16		
161	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.26		
162	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.23		
163	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.19		
164	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.28		
165	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.22		
166	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.06		
167	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.05		
168	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.21		
169	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window Frame	0.17		
170	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.13		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: <u>All</u>

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
171	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.16		
172	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.26		
173	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.13		
174	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.04		
175	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.15		
176	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.05		
177	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.03		
178	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.27		
179	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.26		
180	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.28		
181	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.16		
182	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.08		
183	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.27		
184	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.17		
185	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.08		
186	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.13		
187	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.01		

Customer Name: PRIDCO

Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres

Total Samples: 279

Phone / Fax/Email: (787)-219-7397

Bldg/Structure: All

Collected By: Emilio Pinella

Floor: All

Date: March 13, 2024

XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
188	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.08		
189	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.05		
190	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.24		
191	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.19		
192	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.20		
193	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.09		
194	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.08		
195	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.06		
196	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.29		
197	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.18		
198	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.19		
199	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.28		
200	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.02		
201	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.11		
202	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.14		
203	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.19		
204	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.29		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
205	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.18		
206	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.03		
207	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.24		
208	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.03		
209	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Window Frame	0.23		
210	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Flashing	0.14		
211	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Flashing	0.02		
212	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Flashing	0.18		
213	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Flashing	0.04		
214	Exterior Perimeter	Perimeter Walls	Metal	No Paint	Exterior Shack	0.18		
215	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall A	0.20		
216	Interior Perimeter	General Work Area	Concrete	White	Paint, Wall A	0.20		
217	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall B	0.06		
218	Interior Perimeter	General Work Area	Concrete	White	Paint, Wall B	0.08		
219	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall C	0.15		
220	Interior Perimeter	General Work Area	Concrete	White	Paint, Wall C	0.22		
221	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Wall D	0.10		
222	Interior Perimeter	General Work Area	Concrete	White	Paint, Wall D	0.06		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

 Collected By: Emilio Pinella
 Floor: All

 Date: March 13, 2024
 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
223	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Ceiling	0.26		
224	Interior Perimeter	General Work Area	Concrete	White	Paint, Ceiling	0.09		
225	Interior Perimeter	General Work Area	Concrete	Gray	Paint, Floor	0.15		
226	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Roof Beam	0.11		
227	Interior Perimeter	General Work Area	Concrete	White	Paint, Roof Beam	0.26		
228	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Roof Beam	0.22		
229	Interior Perimeter	General Work Area	Concrete	White	Paint, Roof Beam	0.10		
230	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Beam Support Column	0.22		
231	Interior Perimeter	General Work Area	Concrete	White	Paint, Beam Support Column	0.26		
232	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Beam Support Column	0.10		
233	Interior Perimeter	General Work Area	Concrete	White	Paint, Beam Support Column	0.29		
234	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Beam Support Column	0.18		
235	Interior Perimeter	General Work Area	Concrete	White	Paint, Beam Support Column	0.13		
236	Interior Perimeter	General Work Area	Concrete	Beige	Paint, Beam Support Column	0.05		
237	Interior Perimeter	General Work Area	Concrete	White	Paint, Beam Support Column	0.22		
238	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Wall A	0.13		
239	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Wall B	0.23		
240	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Wall C	0.27		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
241	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Wall D	0.13		
242	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Divider Wall	0.08		
243	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Ceiling	0.11		
244	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Door	0.03		
245	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Door Frame	0.05		
246	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	0.30		
247	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	0.04		
248	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	0.29		
249	Interior Perimeter	Men Bathroom	Ceramic	White	Sink	0.20		
250	Interior Perimeter	Men Bathroom	Ceramic	White	Sink	0.08		
251	Interior Perimeter	Men Bathroom	Ceramic	White	Sink	0.20		
252	Interior Perimeter	Men Bathroom	Ceramic	Red	Floor Tile	0.16		
253	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Wall A	0.21		
254	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Wall B	0.07		
255	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Wall C	0.28		
256	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Wall D	0.03		
257	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Divider Wall	0.26		
258	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Divider Wall	0.08		

Customer Name: PRIDCO Project Name: Bluewater Defense T090306800 PW: 8004 DI: 219021

Contact: Isander Silva Torres Total Samples: 279

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 13, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
259	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Ceiling	0.10		
260	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.16		
261	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.23		
262	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.29		
263	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.02		
264	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.10		
265	Interior Perimeter	Women Bathroom	Ceramic	White	Stahl	0.09		
266	Interior Perimeter	Women Bathroom	Ceramic	Red	Floor Tile	0.03		
267	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall D	0.25		
268	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.20		
269	Exterior Perimeter	Perimeter Walls	Concrete	Beige	Paint, Bathroom Structure Walls	0.07		
270	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Door	0.27		
271	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Window	0.13		
272	Exterior Perimeter	Perimeter Walls	Metal	Beige	Paint, Flashing	0.19		
273	Interior Perimeter	General Work Area	Concrete	White	Paint, Wall B	0.12		
274	Interior Perimeter	General Work Area	Concrete	White	Paint, Beam Support Column	0.18		
275	Interior Perimeter	Men Bathroom	Ceramic	White	Sink	0.17		

	XRF Form for Lead Base Paint Inspection											
Customer Name:	PRIDCO		Project Name:	Bluewater D	efense T090306800 PW: 8004 DI: 219021							
Contact:	act: Isander Silva Torres		Total Samples:	279								
Phone / Fax/Email:	Phone / Fax/Email: (787)-219-7397		Bldg/Structure:	AII								
Collected By:	Collected By: Emilio Pinella		Floor:	Floor: All								
Date:	Date: March 13, 2024			XRF Serial No. 117328								
Project Description:	Project Description: LBP inspection											
Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement				
276	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Divider Wall	0.29						
277	Calibration					1.0						
278	Calibration					0.80						
279	Calibration					1.2						

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)



## **APPENDIX III. COMPANY AND INSPECTOR CREDENTIALS**



#### **COMPANY CREDENTIALS**





### **INSPECTOR CREDENTIALS**





## **APPENDIX IV. XRF PCS**









The world leader in serving science

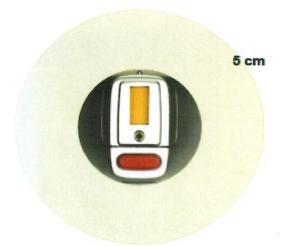
## Thermo Scientific Portable XRF Analyzers Isotope Radiation Survey Certificate

Instrument Model: XLp 300A
Instrument S/N: 117328

Detector Model: RadEye B20-ER

Detector S/N: 0213

Calibration Date: 4/5/2022



	<b>(μrem/hr)*</b> 1 mrem = 1.0 μSv)
Background	5 cm
12	0

<sup>\*</sup>All recorded measurements are net above background.

• Dose rate measurements taken at 360° perpendicular to instrument with the shutter closed (i.e., sources in the shielded position.

\*\* The survey results indicate that the dose rate does not exceed 0.05 milirem per hour at any point 5 cm [< 50  $\mu$ mm/hr at 5 cm] from the surface of the device.

Conducted by: David Nop

**Survey Date:** 

9/12/2022

TODAY

Thermo Scientific

2 Radcliff Road Tewksbury MA 01876

+1 978-670-7460

www.thermoscientific.com/pai

Portable Analytical Instruments

USA

+1 978-670-7430 fax

800-875-1578 (toll free)



#### **Certificate of Calibration**

Paint QC Sheet Document #: 140-00206 Revision: F1

Revision Date: 7 July 2020

Serial Number:	117328	Model: Nit	ton XLp 300A	Software:	5.2F-Dual	Date of Q.C.:	9/13/2022
Resolution:	381.79	Escale:	4.5	Source:	CD-109	Inspector:	RC

K+L 20 Sec Readings

Std	L	Lerr	K	Kerr	DI	L Status	K Status
1.0 Surface Wood-1	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Surface Wood-2	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Buried Wood-1	1.00	0.10	1.40	0.40	2.2	OK	OK
1.0 Buried Wood-2	1.00	0.10	1.20	0.40	2.2	OK	OK
Blank Wood-1	0.00	0.02	0.30	0.37	1.5	OK	OK
Blank Wood-2	0.02	0.04	0.30	0.36	4.7	OK	OK
3.5 Surface Wood-1	3.50	0.20	3.60	0.60	1.2	OK	ОК
3.5 Surface Wood-1	3.70	0.20	3.60	0.60	1.3	OK	OK
0.3 Surface Concrete-1	0.30	0.03	0.40	0.60	1.0	OK	OK
0.3 Surface Concrete-2	0.28	0.03	0.40	0.60	1.0	OK	OK
Steel-1	0.04	0.07	-0.05	0.60	10.0	OK	OK
Steel-2	0.06	0.09	0.14	0.60	10.0	OK	OK
Pure Pb-1	10.10	3.60	82.00	2.70	1.7	OK	OK
Pure Pb-2	10.10	2.80	83.90	2.70	1.7	OK	OK
1.0 Surface Drywall-1	1.10	0.10	1.30	0.40	1.1	OK	OK
1.0 Surface Drywall-2	1.10	0.10	1.40	0.40	1.1	OK	OK

K+L 20 Sec Readings

Std	Time	Result	
Drywall-1	3.38	0.00	OK
Drywall-2	3.37	0.00	OK
French Plaster-1	3.37	0.00	OK
French Plaster-2	3.37	0.00	OK

This certificate is issued in accordance with Thermo Fisher Scientific factory specifications. The measurements were found to be within specification limits at the time of manufacture and calibration.

Standards are traceable to National Institute of Standards & Technology (NIST) standards.

Signed:

Steve Introne Director of Quality and Regulatory



#### SEALED SOURCE LEAK TEST CERTIFICATE

Certificate # :

7273

	LEAK TEST LABORATO	DRY INFORMATION				
COMPANY NAME THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS						
LICENSE NUMBER	MASSACHUSETTS 55-0238	CONTACT NAME/ASS	CONTACT NAME/ASST.RSO			
ADDRESS	2 RADCLIFF ROAD	<b>CONTACT NUMBER</b>	978-5	513-3634		
	TEWKSBURY MA 01876	FAX NUMBER	978-6	570-7411		

A copy of certificate should be maintained for a minimum of 3 years and for inspection by the regulatory agency.

#### SAMPLE KIT INFORMATION

Sample ID #: N-7132

Sample date: 8/31/2022

**SEALED SOURCE INFORMATION** 

**DEVICE/ANALYZER INFORMATION** 

Manufacturer:

Eckert & Ziegler

Device make: Thermo Scientific Portable XRF Analyzers

Source model:

XCd9.06

Device model:

XLp

Source serial number:

TR4893

Serial number:

117328

Radioisotope: Assay Date: Cd-109

11/15/2022

Activity (mCi):

40

#### **LEAK TEST RESULT:**

Analysis of the above sample kit on date

8/3 1/2022 yield the following result:

	The analysis of the radioactive material of this leak test sample indicated the activity	1
$\checkmark$	than 0.005 uCi (or 185 Bq). The source may be used as authorized.	

Statistical analysis of the radioactive count data of this leak test sample indicated the activity present is greater than 0.005 uCi (or 185 Bq). This source should be considered leaking. Consult your device operations procedure; place this source in storage or quarantine area and make the required notification to your regulatory agency.

DEVICE/SOURCE LEAK TEST IS DUE ON OR BEFORE

2/28/2023

Leak test performed by: David Nop

Certified by:

Ronald Cardarelli

present is less

Ronald Cardarelli, RSO, CN

Date:

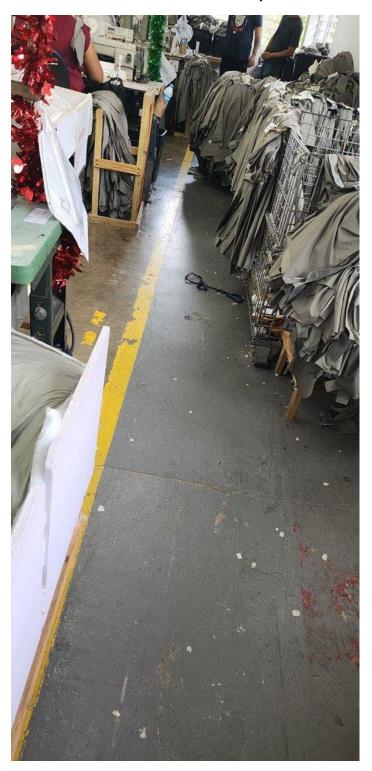
8/31/2022

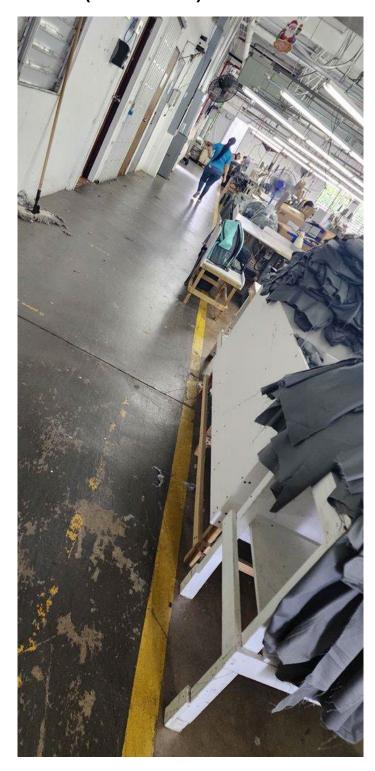


# APPENDIX V. GENERAL VIEW PICTURES OF POSITIVE XRF READINGS

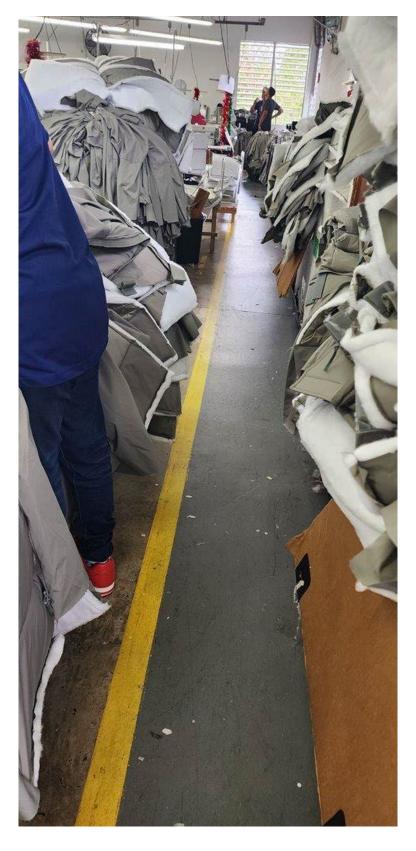


# GENERAL VIEW OF POSITIVE INTERIOR, YELLOW, PERIMETER LINES (150 If total)











## ENVIRONMENTAL SURVEY FOR ASBESTOS CONTAINING MATERIALS

BLUEWATER DEFENSE T090306800 PW: 8004 / DI: 219021 Cibuco Wards Corozal, P.R.



Prepared for:

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

#### **Table of Contents**

- I. Summary
- II. Introduction
- III. General Background
- IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)
- V. Project Identification/Description
- VI. Methods of Building Inspections
- VII. Sampling Methods
- VIII. Inspection Results
- IX. Conclusions
- X. Conditions, Limitations and Disclaimer
- XI. Appendixes

Appendix I. General View of Inspected Structures

Appendix II. Laboratory Results

Appendix III. Accreditations

Appendix IV. ACM Negative Certification

### I. Summary

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 13, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The tenant of this facility is Bluewater Defense T090306800. The purpose of this survey included sampling and physical evaluations of suspicious ACM material. To identify ACM on the structure scheduled for demolition to complete improvements to the structure.

This survey report can help owners develop a plan for eliminating any asbestos hazards that were found and may aid in establishing ongoing asbestos containing materials maintenance and re-evaluation program, if needed.

### NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS.

### II. Introduction

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 13, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The asbestos investigation was conducted by Emilio Pinella, an AHERA Certified Asbestos Building Inspector (License number ASB-0124-0011-SI).

### III. General Background

Asbestos was used in the construction industry from 1900 to 1989. It is still used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessarily constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other everyday activity that allows fibers to be released into the environment, then a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with various types of lung diseases including a debilitating disease called asbestosis; a rare cancer of the chest called mesothelioma; and cancers of the esophagus, stomach, colon, and other organs. Asbestos is not fatal; it is, however, incurable. One who has it cannot breathe easily, and physical activity becomes limited. Mesothelioma is 100% fatal, as there is no cure.

These diseases can be directly linked to the mineral of asbestos in the particle form that can be found in the lining of the lung and stomach, since the body cannot absorb these minerals. Tests have determined that asbestos can cause cancer, but scientists disagree on the amount of asbestos fibers that must be inhaled to cause cancer. The nose filters out all visible particles. Therefore, only microscopic fibers are the ones who cause the problem. Studies indicate different health effects resulting from exposure to chrysolite asbestos versus exposure to amphibole form of asbestos. The latter, which include tremolite, amosite, anthophyllite and crocidolite have more significant health impact than chrysolite.

Some scientists' studies concluded that the dimensions of the fiber which ones enter in the lung area, resulting in cancer. Long, thin fibers, greater than 8 microns in length and less than 0.25 microns in diameter show the highest potential of cancer development.

### IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)

The EPA's rules concerning the application, removal, and disposal of ACM, as well as manufacturing, spraying and fabricating of ACM were issued under the asbestos NESHAP regulation, under the 40 CFR 61 Subpart M on October 30, 1997. The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before the building is demolished and may require its removal before renovation. If friable ACM shall be disturbed, the NESHAP rule may require appropriate

work practice, or procedures for emission control. The rules state that any ACM which may become friable poses a potential hazard that should be addressed.

A revised NESHAP ruling released on November 20, 1990 (effective on February 20, 1991) which includes the responsibility of the owner, or operator, to "prior to commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II non-friable ACM" (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

### V. Project Description / Identification

This project consists of the premises and buildings located at Cibuco Wards, Corozal, P.R.

### VI. Method of Building Inspection

The visual inspection was conducted according to the condition of ACM in that location and the potential for material disturbance. The assessment scheme followed the recommendations by EPA as a result of the Asbestos Hazard Emergency Response Act and outlined in the 40 CFR Part 763.88 dated October 30, 1987, and amended by 40 CFR Part 61, NESHAP (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

The functional space was visited and visually inspected to identify the location of any suspected ACM. An assessment was then made of the friability of suspected ACM by touching the material to determine if it could be pulverized, crumbled or reduced to powder by hand pressure. Upon completion of the suspect material and grouped into "homogenous sampling areas", i.e., areas which are uniform by color, texture, construction/application date and general appearance.

ACM was categorized as follow:

- Category I, non-friable containing materials (ACM). This includes asbestos
  containing packings, gaskets, resilient floor covering and asphalt roofing products
  containing more than 1% asbestos.
- 2. Category II, non-friable ACM. This includes any materials, excluding Category I non-friable ACM containing more than 1% asbestos, that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- Friable asbestos materials. This includes any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Physical hazard assessment was performed based on AHERA regulations. This protocol provides separate analysis for three types of materials: surfacing, thermal insulation and miscellaneous. However, this protocol does not provide a means for relative ranking of individual hazards within the category. Therefore, a separate analysis was performed to assess hazard ranking which could be used for this type of material. The hazard assessment combines the level of potential disturbance with the current condition of ACM to indicate overall hazard potential.

The rankings of potential hazards range from 1-most hazardous to 7-least hazardous. The highest rank is reserved for ACM, which is significantly damaged. A review of the definition of "significant damage" reveals that the definitions are designed to identify ACBM, which is so extensively damaged or deteriorated, that requires immediate corrective action. Hazard rank 2-4 reflects ACBM, which is damaged as defined AHERA, with rank 2 indicating a "potential for significant damage" and rank 3 indicating a "potential for damage". Hazard ranks 5-7 are reserved for ACBM currently in good condition, but with a range in the likelihood for future disturbance.



### VII. Sampling Methods

An asbestos visual survey was conducted for the suspected ACM for one (1) facility located at Cibuco Wards, Corozal, P. R.

### VIII. Conclusions

NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS.

### IX. Conditions, Limitations and Disclaimer

Integrated Global Solutions has performed this Asbestos Containing Materials Survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey.

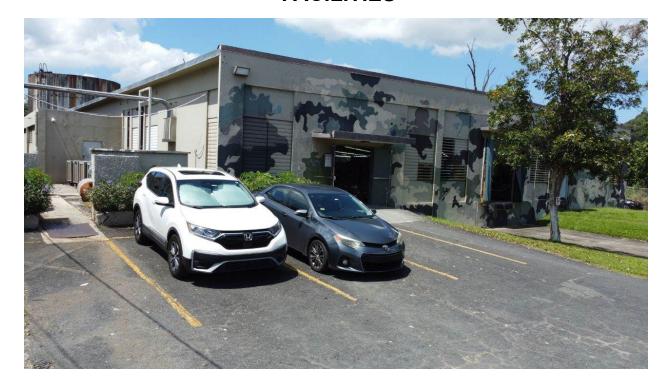
The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.



APPENDIX	I. GENERAL	VIEW OF	INSPECTED	STRUCTURE
	I. OLITLIME			



## BLUEWATER DEFENSE T090306800 FACILITIES

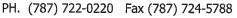




### **APPENDIX II. LABORATORY RESULTS**



611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907



Job ID: B24030037



### **REPORT NUMBER**

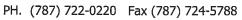
### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

		•			
Client Name:	Integrated Global Solutions		Date Collected:	03/13/2024	
Project Name:	BLUE WATER DEFENSE LOT3 COROZ 219021	ZAL PW: 8004 DI:	Date Received:	03/22/2024	
Project ID:					
	RESULT OF	ANALYSIS (BY %	% AREA VISUAL	ESTIMATE)	
Lab S Client Sample ID	ample ID Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
<b>B24030037.01</b> B24030037.01.A 219021-031324-01 Layer % of Total :1	віаск	No		Cellulose 2 Glass Fibers 3 Synthetic 2	Foam 15 Bitumen 58 Sand/Aggregates 10 Binders/Paint 10
Date Analyzed: 03 Sample Location: Comments: Paint Included as	Roof Insulation (S)				
<b>B24030037.02</b> B24030037.02.A 219021-031324-02 Layer % of Total :1	Black	No		Cellulose 2 Glass Fibers 3 Synthetic 3	Foam 10 Bitumen 64 Sand/Aggregates 10 Binders/Paint 8
Date Analyzed: 03, Sample Location: Comments: Paint Included as	Roof Insulation (SE)				
<b>B24030037.03</b> 324030037.03.A 219021-031324-03 ayer % of Total :1	Hard, Bituminous with Aggregates, Foam Other - Paint and Fibers Black 00%	No ®		Cellulose 2 Glass Fibers 4 Synthetic 2	Foam 20 Bitumen 50 Sand/Aggregates 11 Binders/Paint 11
Date Analyzed: 03,	/27/2024 Roof Insulation (E)	*			
MICROANALYST:	Elme Rivera		QUALITY (	CONTROL:	A Givs

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub., E of 40 CFR Part 763 and EPA/600/R-93/116.



611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907



Job ID: B24030037



### **REPORT NUMBER**

RP24040211

### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Integrated Glob	al Solutions		Date Collected:	03/13/2024	
Project Name:	BLUE WATER D 219021	EFENSE LOT3 COROZAL I	PW: 8004 DI:	Date Received:	03/22/2024	
Project ID:						
		RESULT OF ANA	ALYSIS (BY %	% AREA VISUAL	ESTIMATE)	
Lab S Client Sample ID	ample ID San Des	nple cription	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
<b>324030037.04</b> 324030037.04.A 219021-031324-04 ayer % of Total : 1	Agg Oth Bla	d, Bituminous with regates, Foam er - Paint and Fibers ck	No		Cellulose 3 Glass Fibers 5 Synthetic 2	Foam 10 Bitumen 57 Sand/Aggregates 15 Binders/Paint 8
Date Analyzed: 04	•					
Sample Location: Comments: Paint Included as		(NE)				
324030037.05 324030037.05.A :19021-031324-05 ayer % of Total :1	Aggı Oth Blad	f, Bituminous with regates, Foam, er - Paint and Fibers ck	No		Cellulose 2 Glass Fibers 5 Synthetic 5	Foam 10 Bitumen 58 Sand/Aggregates 10 Binders/Paint 10
Date Analyzed: 03	/27/2024					
ample Location:	Roof Insulation	(N)				
Comments: Paint Included as	Binders					
<b>324030037.06</b> 324030037.06.A 19021-031324-06 ayer % of Total :1	Aggi Oth Blac	l, Bituminous with egates, Foam er - Paint and Fibers k	No		Cellulose 3 Glass Fibers 5 Synthetic 5	Foam 10 Bitumen 57 Sand/Aggregates 10 Binders/Paint 10
Date Analyzed: 03,	/27/2024					
ample Location: comments: aint Included as	Roof Insulation Binders	(NW)				
MICROANALYST:		A Cius		QUALITY	CONTROL:	A Airs
	Elr	ne Rivera	_			Elme Rivera

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907

PH. (787) 722-0220 Fax (787) 724-5788

Job ID: B24030037

### REPORT NUMBER

H TO HANDOOR CONTRACTOR DE RP24040211

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

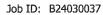
		RIZED LIGHT MICROSC	OPT (PLIN	Date Collected	03/13/2024	
Client Name:	t to support	Clobal Solutions		Date Received	10004	
Project Name:	BLUE WATE 219021	ER DEFENSE LOT3 COROZAL PV			*	
Project ID:		RESULT OF ANA	LYCIC (BV (	ARFA VISL	IAL ESTIMATE)	
		RESULT OF ANA	LYSIS (DI	70 AICEN VIOL	Other	Non - Fibrous
Lab S	Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Fibers	Material
Client Sample ID			No		Cellulose 4	Foam 16 Bitumen 50
B24030037.07		Hard, Bituminous with Aggregates, Foam	110		Glass Fibers 5 Synthetic 5	Sand/Aggregates 10
B24030037.07.A		Other - Paint and Fibers			371101001	Binders/Paint 10
219021-031324-0	07	Black				
Layer % of Total	:100%					
Date Analyzed:	03/27/2024					
Sample Location		ulation (SW)				
Comments:						Bitumen 85
Paint Included	as Binders	and distributed the Daint	and No		Synthetic 5	Binders/Paint 10
B24030037.0	8	Hard, Bituminous with Paint Fibers	uriu			
B24030037.08.A	4	Black				
219021-031324	-08					
Layer % of Total	al :100%					
Date Analyzed:	03/27/2024					
Sample Locatio		/C Int Vent Cap (SE)				
Comments:						Bitumen 85
Paint Include	d as Binders	ul Paia	at and No		Synthetic 5	Binders/Paint 10
B24030037.		Hard, Bituminous with Pair	icaliu No	•		
B24030037.09		Fibers Black				
219021-03132		Didex				
Layer % of To						
Data Analyzon	03/27/2024	1				
Cample Locati	ion: Roof	A/C Exh Vent Cap (NW)				
Comments:						
Paint Includ	ed as Binder	S				
						01
		0.0				Al Circo
		El Vico			QUALITY CONTROL:	Elme Rivera
MICROANAL	YST:					Elling Macra
	) <del></del> -	Elme Rivera				

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory. This report shall not be reproduced except in full and not written approval of the laboratory.



611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







### **REPORT NUMBER**

PP24040211

Client Name:	Integrated	d Global Solutions		Date Collected:	03/13/2024	
Project Name:	BLUE WAT 219021	TER DEFENSE LOT3 COROZAL	PW: 8004 DI:	Date Received:	03/22/2024	
Project ID:						
		RESULT OF AN	ALYSIS (BY 9	% AREA VISUAL	ESTIMATE)	
Lab Sample ID	ample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
<b>B24030037.10</b> B24030037.10.A 219021-031324-10 Layer % of Total :1		Hard, Ceramic with Glue Brown	No			Glue 10 Binders/Paint 90
Date Analyzed: 03 Sample Location: Comments: Ceramic Included	Women's	Bathroom Ceramic Tile and	Glue			

MICROANALYST:	Ale Cins	QUALITY CONTROL:	A airs
	Flme Rivera	·, <del>-</del>	Elme Rivera

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



# INTEGRATED GLOBAL SOLUTIONS 90 Road 165 Suite 307 CIM Tower 2 Guaynabo, PR 00966 1 787-693-7777 787-693-8887 | F 787 693 0888 www.integrated-corp.com

#### CHAIN OF CUSTODY (TRANSMITTAL SHEET FOR SAMPLES)

1 of 1 COC#:

Customer Name:	PRIDCO NORTH			Project Name: BLUE WATER DEFENSE LOT3 COROZAL PW:			: 8004 DI: 219021			
Contact:	Isander Silva Torres			Total Samples:		10	Job Number:			
Phone/Fax/E-mail:	(787)-219-7397 / isilva(ā	integrated-co	rp.com	EQB Certified Inspector ID		SB-0523-0195-SI		Remark	:s:	
Collected by:	Emilio Pinella/epinella(	integrated-co	гр.сот	M Structure Address:  COROZAL, PR			Bulk Samples			
Analized by Lab:										
AIIIA Lab ID:										
Project Description:	Bulk Samples from Bi	LUE WATEI	R DFENSE LOT3, COROZ	ZAL						
Sample No.	Date	Time		Sample Description Sample Type:  Bulk Water Wipe Soll				Paint Chip	TCLP	
219021-031324-01	13-Mar-2024	11:45 AM		Roof Insulation (	(S)	X	Water Wipe	John	240	300
219021-031324-02	13-Mar-2024	12:05 PM		Roof Insulation (S		X		+		.01
219021-031324-03	13-Mar-2024	12:15 PM		Roof Insulation (	<u> </u>	- X				20
307/20 000007 00	10 1740 5021	12.10 1 101		- Novy mannanon (		Α				03
219021-031324-04	13-Mar-2024	12:30 PM		Roof Insulation (!	NE)	X				04
219021-031324-05	13-Mar-2024	12:45 PM		Roof Insulation (N)						05
219021-031324-06	13-Mar-2024	1:10 PM		Roof Insulation (N	VIII')	X				06
219021-031324-07	13-Mar-2024	1:25 PM		Roof Insulation (S	SH)	X				07
219021-031324-08	13-Mar-2024	1:35 PM		Roof A/C Int Vent Ca	p (SE)	X				οX
219021-031324-09	13-Mar-2024	1:50 PM		Roof A/C Exh Vent Ca	ıp (NW)	X				09
219021-031324-10	13-Mar-2024	2:10 PM	We	omen's bathroom ceramic	tile and glue	X				10
										10
Turn Around Tim	e: Normal: <u>X</u> 3 d	lays	Rush:	24 hours	Rush:	16 hours	da d			
Sampling Collected by:	Relinquished by:	Received by:		Relinquished by:	Received by	Delivery to Lab by:		Received	lat Lab by:	
Emilio Pinella	Andres Cardona							Veni		rers
Date: Time:	Date: Time:	Date:	Time:	Date: Time:	Date: Time:	Date: Tim	ie:	Date:		Time:
03/13/24   12:00 PM	03/13/24 2:45 PM							322	24 15:	:32





### **APPENDIX III. ACREDITATIONS**



### **INSPECTOR CREDENTIALS**



ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



### **APPENDIX IV. ACM NEGATIVE CERTIFICATION**



### GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

## CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PRIDCO: PW-8004 DI-219021

Yo	o, <u>Emilio Pinella</u> , mayor de edad, <u>(</u> (E	Casado, y vecino de stado Civil)	Bayamon (Municipio)						
Dir	rección Postal RR 8 Box 1995 PMB 112	Bayamón P.R.	00956 (Zip Code)						
Te	léfonos: Residencial ( 787 ) 533 - 4400 Oficina ( Fax	787 ) 693 - 7777	Ext						
Cei	Certifico que: Bluewater Defense T090306800								
1.	. La estructura localizada en Cibuco Wards, Corozal, P.R., la cual será objeto de una demolición se encuentra libre de								
	asbesto.								
2.	La información antes indicada es cierta y correcta.								
3.	Afirmo y reconozco las consecuencias de incluir y someter in	nformación falsa en este doc	cumento.						
		Cuavada	de Puerto Rico,						
4.	Para que así conste, firmo la presente certificación en	Guaynabo (Municipio)	de i dello ilico,						
4.	Para que así conste, firmo la presente certificación en hoy día <u>13</u> de <u>marzo</u> de <u>2024</u>		de i dello filco,						

Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926

Dirección Postal: Apartado 11488, Santurce, PR 00910-1488

Tel. (787) 767-8181 • Fax (787) 767-1962





ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

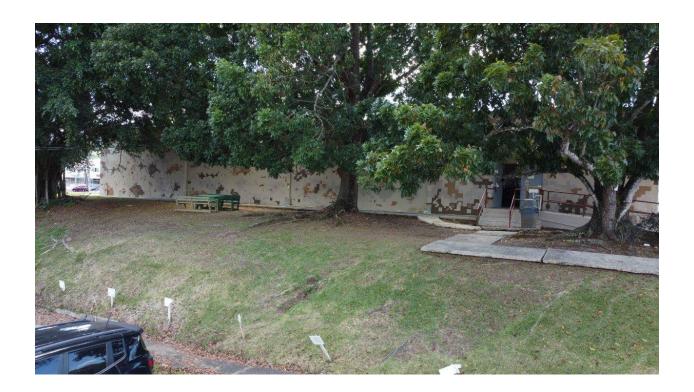
A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



### **ENVIRONMENTAL SURVEY FOR LEAD BASE PAINT**

BLUEWATER DEFENSE T090407000 PW: 8004 / DI: 219022 Cibuco Wards Corozal, P.R.



Prepared for:

**PRIDCO** 

Prepared by:

INTEGRATED GLOBAL SOLUTIONS
March 2024

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- II. Introduction
- III. Lead Base Paint Testing Methodology
- IV. Testing Procedure
- V. Results
- VI. Conclusions
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- VIII. Appendixes

Appendix I General View Pictures of Inspected Structures

Appendix II XRF Data

Appendix III Company and Inspector Credentials

Appendix IV XRF PCS

Appendix V General View Pictures of Positive XRF Readings



### I. Summary

An environmental survey for Lead Base Paint (LBP) components was conducted by Integrated Global Solutions on March 18, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T090407000. The purpose of this survey was to identify LBP coating on the structures to be scheduled for demolition or renovation. The survey was conducted following applicable portions of the Housing Urban Development Guidelines. The scope of the survey included detection of LBP components if present in painted components and 100% testing of all surface's components if present in painted structures or appurtenances.

One commercial space was tested. The survey, performed with an XRF instrument manufactured by Thermo Scientific, was conducted using 100% of testing.

The Lead Base Paint Inspection was performed to identify paint that contains lead above the allowable levels that could result in harm to construction personnel and workers, this survey report helps owners to develop a plan for eliminating any lead base paint hazards and re-evaluation program, if needed.

LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY. SEE TABLE 1.1

Table 1.1 Positive XRF Readings

Customer Nam	e: PRIDCO		Lead Base Paint Inspection  Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022						
Contac	t: Isander Silva		Total Samples:	376					
Phone / Fax/Ema	il: _(787)-219-7397 / isilva@int	tegrated-corp.com	Bldg/Structure:						
	y: Emilio Pinella			Ground					
	e: March 15, 2024		XRF Serial No.	117328					
Project Description	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measuremer	
4	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Street Curb	1.7	Poor	200 lf	
8	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Divider Lines	2.4	Poor	200 lf	
9	Exterior Perimeter	Parking Area	Concrete	Blue	Paint, Disabled Parking Lines	4.3	Poor	200 lf	
10	Exterior Perimeter	Parking Area	Concrete	Blue	Paint, Disabled Parking Sign on Floor	3.9	Poor	200 lf	
11	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Guidelines	2.1	Poor	200 lf	
191	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	5.5	Fair	1 Unit	
192	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	23.4	Fair	1 Unit	
193	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	38.0	Fair	1 Unit	
194	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	12.6	Fair	1 Unit	

Note: All measurements must be corroborated.

### II. Introduction

An environmental survey for Lead Base Paint (LBP) Components was conducted by Integrated Global Solutions on March 18, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T090407000. The scope of the survey included LBP testing of components for several structures which are scheduled to be demolished or remodeled.

The LBP investigation was conducted by Emilio Pinella, an EQB certified LBP inspector under license No. LBPI-22923-290. The credentials of Integrated Global Solutions, Inc. and of LBP inspector are attached in Appendix III.

### III. Lead Based Paint Testing Methodology

The lead base paint testing protocol officially available at this time was published by HUD initially in 1990, revised in 1991 and finalized in 1995 (see above HUD reference). A revised Chapter 7 was published in 1997. In accordance with the new

protocol, almost all surfaces present in the units have to be tested. The above guidelines were used to perform lead-based paint testing of this project.

The hazard level of lead in paint has been determined by the Department of Housing & Urban Development (HUD) to be 1.0 mg/cm2, as measured by an XRF or Atomic Absorption Spectroscopy (AAS), or 0.5% by weight (0r 5,000 ppm) as measured by

the AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992 under Title X.

### The main steps involved in a multi-family inspection are:

- Select the painted area to be tested.
- Classify XRF and paint chip results.
- Collect and analyze paint chip samples, for inconclusive results.
- Classify paint chip results.
- Review and evaluate the data.
- Report findings.

### IV. Testing Procedure

For this survey the painted components testing was performed with a Thermo Scientific XRF NITON XLP 300A fluorescent instrument (Serial number 117328). The instrument operates in two modes: standard mode and time corrected mode (Lead in Paint K+L variable reading time mode). The standard is a method selected for the NIST reference readings to ensure that the instrument is working according to the manufacturer performance characteristics sheet (PCS). The selected mode for sampling of components was time corrected mode (Lead in Paint variable reading time mode), which allows reference to the abatement level set 1.0 mg/cm2. The results are reported at a 95% confidence level and the quality of the testing verified according to the manufacturer recommendations.



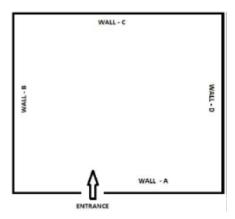
### NOTE:

If the results of the surface analyzed by the XRF Spectrum Analyzer are less than 1.0 mg/cm2 it is considered negative.

If the results of the surface analyzed by the XRF Spectrum Analyzer are equal or greater than 1.0 mg/cm2 it is considered positive.

In case of inconclusive results, Paint Chip (sample of the past) will be analyzed at a certified laboratory and reported by weight of ppm.

Component sampling was conducted using a clockwise path for all spaces including exterior sides of selection as per the following figure:



### V. Results

The results of the tested components are shown in Appendix II. A total of three hundred and seventy-six (376) XRF readings were taken. LBP components were found at the time of this survey.

### VI. Conclusions

LBP survey was conducted for Bluewater Defense T09040700 facilities located Cibuco Wards, Corozal, P.R.



### LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY.

The LBP survey relates to surfaces accessible and not covered by rigid barriers. Should any hidden surfaces or components be present, they must be assumed to be painted with LBP or with positive results.

### VII. Conditions and Limitations – Disclaimer

Integrated Global Solutions has performed this lead base paint survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey. The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.

### VIII. Recommendations

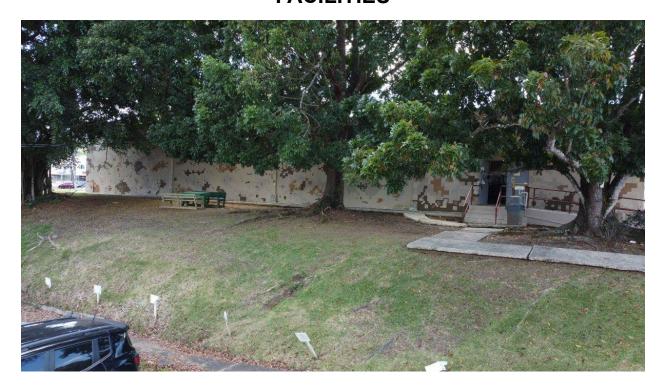
According to the PREQB lead regulations, prior to demolishing a structure containing lead base paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste according to the regulation. The firm contracted to provide the abatement services must be certified and certified as abatement workers and supervisors by a training provider accredited by PREQB.



**APPENDIX I. GENERAL VIEW OF INSPECTED STRUCTURE** 



## BLUEWATER DEFENSE T090407000 FACILITIES





### **APPENDIX II. XRF DATA**

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: <u>Isander Silva</u> Total Samples: <u>376</u>

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
1	Calibration					0.80		
2	Calibration					0.80		
3	Calibration					1.1		
4	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Street Curb	1.7	Poor	200 lf
5	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Parking Stop	0.09		
6	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Parking Lines	0.11		
7	Exterior Perimeter	Parking Area	Metal	Yellow	Paint, Parking Poles	0.04		
8	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Divider Lines	2.4	Poor	200 lf
9	Exterior Perimeter	Parking Area	Concrete	Blue	Paint, Disabled Parking Lines	4.3	Poor	200 lf
10	Exterior Perimeter	Parking Area	Concrete	Blue	Paint, Disabled Parking Sign on Floor	3.9	Poor	200 lf
11	Exterior Perimeter	Parking Area	Concrete	Yellow	Paint, Guidelines	2.1	Poor	200 lf
12	Exterior Perimeter	Building Walls, Lot 1	Concrete	Military Pattern	Paint, Wall A	0.16		
13	Exterior Perimeter	Building Walls, Lot 1	Concrete	Military Pattern	Paint, Wall B	0.02		
14	Exterior Perimeter	Building Walls, Lot 1	Concrete	Military Pattern	Paint, Wall C	0.06		
15	Exterior Perimeter	Building Walls, Lot 1	Concrete	Military Pattern	Paint, Wall D	0.17		

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
16	Exterior Perimeter	Building Walls, Lot 1	Concrete	Military Pattern	Paint, Soffit	0.29		
17	Exterior Perimeter	Building Walls, Lot 1	Concrete	Military Pattern	Paint, Fascia	0.16		
18-20	Exterior Perimeter	Building Walls, Lot 1	Concrete	White	Paint, Wall B Low Deck Wall (x3)	0.16		
21	Exterior Perimeter	Building Walls, Lot 1	Concrete	White	Paint, Overhang	0.14		
22-23	Exterior Perimeter	Building Walls, Lot 1	Metal	Grey	Paint, Double Door/Frame	0.25		
24-33	Exterior Perimeter	Building Walls, Lot 1	Metal	White	Paint, Window/Frame (x10)	0.15		
34-35	Exterior Perimeter	Building Walls, Lot 1	Metal	Grey	Paint, Wall D Rolling Door/Frame	0.08		
36	Exterior Perimeter	Building Walls, Lot 1	Metal	No Paint	Awning	0.02		
37-39	Exterior Perimeter	Building Walls, Male Bathroom	Concrete	Military Pattern	Paint, Low Wall (x3)	0.01		
40-41	Exterior Perimeter	Building Walls, Male Bathroom	Concrete	Military Pattern	Paint, Soffit (x2)	0.25		
42-43	Exterior Perimeter	Building Walls, Male Bathroom	Concrete	Military Pattern	Paint, Fascia (x2)	0.20		
44-45	Exterior Perimeter	Building Walls, Male Bathroom	Concrete	Military Pattern	Paint, Stair Step (x2)	0.04		
46	Exterior Perimeter	Building Walls, Male Bathroom	Ceramic	Beige	Paint, Deck Floor Tile	0.10		

Customer Name: PRIDCO

Contact: Isander Silva

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com

Collected By: Emilio Pinella

Date: *March 15, 2024* 

Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Total Samples: 376

Bldg/Structure: All

Floor: Ground

XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
47-49	Exterior Perimeter	Building Walls, Female Bathroom	Concrete	Military Pattern	Paint, Low Wall (x3)	0.01		
50-51	Exterior Perimeter	Building Walls, Female Bathroom	Concrete	Military Pattern	Paint, Soffit (x2)	0.24		
52-53	Exterior Perimeter	Building Walls, Female Bathroom	Concrete	Military Pattern	Paint, Fascia (x2)	0.14		
54-55	Exterior Perimeter	Building Walls, Female Bathroom	Concrete	Military Pattern	Paint, Stair Step (x2)	0.22		
56	Exterior Perimeter	Building Walls, Female Bathroom	Ceramic	Beige	Paint, Deck Floor Tile	0.23		
57	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Wall A	0.11		
58	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Wall B	0.29		
59	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Wall C	0.06		
60	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Wall D	0.28		
61	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Soffit	0.22		
62	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Fascia	0.28		
63	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Access Stair Step	0.24		

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
64	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Access Ramp	0.25		
65	Exterior Perimeter	Building Walls, Lot 1B	Concrete	Military Pattern	Paint, Generator Base	0.24		
66-71	Exterior Perimeter	Building Walls, Lot 1B	Metal	Red	Paint, Access Stair Handrail (x6)	0.01		
72	Exterior Perimeter	Building Walls, Lot 1B	Metal	Red	Paint, Flashing	0.29		
73	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Wall A	0.02		
74	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Wall B	0.13		
75	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Wall C	0.23		
76	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Wall D	0.07		
77	Interior Perimeter	Building Walls, Lot 1	Concrete	White	Paint, Ceiling	0.14		
78	Interior Perimeter	Building Walls, Lot 1	Concrete	No Paint	Floor	0.08		
79	Interior Perimeter	Building Walls, Lot 1	Concrete	No Paint	Floor Lines (Adhesive Tape)	0.22		
80	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Support Columns	0.24		
81-84	Interior Perimeter	Building Walls, Lot 1	Metal	Beige	Paint, Beam (x4)	0.10		
85-88	Interior Perimeter	Building Walls, Lot 1	Metal	White	Paint, Beam (x4)	0.13		
89-132	Interior Perimeter	Building Walls, Lot 1	Metal	Beige	Paint, Crossbeam (x44)	0.13		
133-176	Interior Perimeter	Building Walls, Lot 1	Metal	White	Paint, Crossbeam (x44)	0.18		

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15*, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
178	Interior Perimeter	Men Bathroom Lot 1	Concrete	Beige	Paint, Wall A	0.05		
179	Interior Perimeter	Men Bathroom Lot 1	Concrete	Beige	Paint, Wall B	0.27		
180	Interior Perimeter	Men Bathroom Lot 1	Concrete	Beige	Paint, Wall C	0.03		
181	Interior Perimeter	Men Bathroom Lot 1	Concrete	Beige	Paint, Wall D	0.06		
182	Interior Perimeter	Men Bathroom Lot 1	Concrete	Beige	Paint, Divider Wall	0.13		
183	Interior Perimeter	Men Bathroom Lot 1	Concrete	Beige	Paint, Ceiling	0.26		
184	Interior Perimeter	Men Bathroom Lot 1	Wood	Brown	Paint, Door	0.07		
185	Interior Perimeter	Men Bathroom Lot 1	Wood	Brown	Paint, Door Frame	0.06		
186	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Floor Tile	0.07		
187	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Floor Baseboard	0.08		
188-190	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Toilet (x3)	0.24		
191	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	5.5	Fair	1 Unit
192	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	23.4	Fair	1 Unit
193	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	38.0	Fair	1 Unit
194	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Sink	12.6	Fair	1 Unit
195	Interior Perimeter	Women Bathroom Lot 1	Concrete	Beige	Paint, Wall A	0.26		
196	Interior Perimeter	Women Bathroom Lot 1	Concrete	Beige	Paint, Wall B	0.23		

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: <u>Isander Silva</u> Total Samples: <u>376</u>

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March* 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
197	Interior Perimeter	Women Bathroom Lot 1	Concrete	Beige	Paint, Wall C	0.11		
198	Interior Perimeter	Women Bathroom Lot 1	Concrete	Beige	Paint, Wall D	0.07		
199	Interior Perimeter	Women Bathroom Lot 1	Concrete	Beige	Paint, Divider Wall	0.25		
200	Interior Perimeter	Women Bathroom Lot 1	Concrete	White	Paint, Ceiling	0.10		
201	Interior Perimeter	Women Bathroom Lot 1	Wood	Brown	Paint, Door	0.15		
202	Interior Perimeter	Women Bathroom Lot	Wood	Brown	Paint, Door Frame	0.06		
203-205	Interior Perimeter	Women Bathroom Lot	Ceramic	White	Toilet (x3)	0.07		
206-208	Interior Perimeter	Women Bathroom Lot 1	Ceramic	White	Sink (x3)	0.02		
209	Interior Perimeter	Women Bathroom Lot 1	Ceramic	White	Floor Tile	0.12		
210	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Wall A	0.15		
211	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Wall B	0.14		
212	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Wall C	0.20		
213	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Wall D	0.19		
214	Interior Perimeter	Bldg Wall Lot 1B	Concrete	White	Paint, Ceiling	0.20		
215	Interior Perimeter	Bldg Wall Lot 1B	Concrete	No Paint	Floor	0.18		

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15*, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
216	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Floor Lines	0.09		
217-219	Interior Perimeter	Bldg Wall Lot 1B	Metal	Beige	Paint, Roof I-Beam (x3)	0.13		
220-228	Interior Perimeter	Bldg Wall Lot 1B	Metal	Beige	I-Beam Supoprt Column (x9)	0.02		
229-261	Interior Perimeter	Bldg Wall Lot 1B	Metal	Beige	Paint, Crossbeam (x33)	0.28		
262-275	Interior Perimeter	Lot 1B Offices	Drywall	Beige	Paint, Divider Walls (x14)	0.15		
276-279	Interior Perimeter	Lot 1B Offices	Drywall	Beige	Storage/Cafeteria Walls (x4)	0.22		
280-285	Interior Perimeter	Lot 1B Offices	Wood	Brown	Paint, Door (x6)	0.21		
286-291	Interior Perimeter	Lot 1B Offices	Wood	Brown	Paint, Door Frame (x6)	0.06		
292	Interior Perimeter	Men Bathroom 1	Concrete	Beige	Paint, Wall A	0.04		
293	Interior Perimeter	Men Bathroom 1	Concrete	Beige	Paint, Wall B	0.25		
294	Interior Perimeter	Men Bathroom 1	Concrete	Beige	Paint, Wall C	0.24		
295	Interior Perimeter	Men Bathroom 1	Concrete	Beige	Paint, Wall D	0.06		
296	Interior Perimeter	Men Bathroom 1	Concrete	Beige	Paint, Divider Wall	0.29		
297	Interior Perimeter	Men Bathroom 1	Concrete	Beige	Paint, Ceiling	0.25		
298	Interior Perimeter	Men Bathroom 1	Concrete	Brown	Floor Tile	0.29		
299-300	Interior Perimeter	Men Bathroom 1	Concrete	Brown	Paint, Door (x2)	0.30		
301-302	Interior Perimeter	Men Bathroom 1	Concrete	Brown	Paint, Door Frame (x2)	0.08		
303-305	Interior Perimeter	Men Bathroom 1	Ceramic	White	Toilet (x3)	0.12		

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
306-308	Interior Perimeter	Men Bathroom 1	Ceramic	White	Sink (x3)	0.09		
309	Interior Perimeter	Men Bathroom 1	Ceramic	White	Stahl	0.22		
310	Interior Perimeter	Men Bathroom 2	Concrete	Beige	Paint, Wall A	0.03		
311	Interior Perimeter	Men Bathroom 2	Concrete	Beige	Paint, Wall B	0.03		
312	Interior Perimeter	Men Bathroom 2	Concrete	Beige	Paint, Wall C	0.20		
313	Interior Perimeter	Men Bathroom 2	Concrete	Beige	Paint, Wall D	0.08		
314	Interior Perimeter	Men Bathroom 2	Concrete	Beige	Paint, Divider Wall	0.09		
315	Interior Perimeter	Men Bathroom 2	Concrete	Beige	Paint, Ceiling	0.21		
316	Interior Perimeter	Men Bathroom 2	Concrete	Brown	Floor Tile	0.18		
317-318	Interior Perimeter	Men Bathroom 2	Concrete	Brown	Paint, Door (x2)	0.29		
319-320	Interior Perimeter	Men Bathroom 2	Concrete	Brown	Paint, Door Frame (x2)	0.19		
321-323	Interior Perimeter	Men Bathroom 2	Ceramic	White	Toilet (x3)	0.13		
324-326	Interior Perimeter	Men Bathroom 2	Ceramic	White	Sink (x3)	0.15		
327	Interior Perimeter	Men Bathroom 2	Ceramic	White	Stahl	0.08		
328	Interior Perimeter	Women Bathroom 1	Concrete	Beige	Paint, Wall A	0.04		
329	Interior Perimeter	Women Bathroom 1	Concrete	Beige	Paint, Wall B	0.03		
330	Interior Perimeter	Women Bathroom 1	Concrete	Beige	Paint, Wall C	0.16		
331	Interior Perimeter	Women Bathroom 1	Concrete	Beige	Paint, Wall D	0.23		

#### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
332	Interior Perimeter	Women Bathroom 1	Concrete	Beige	Paint, Divider Wall	0.02		
333	Interior Perimeter	Women Bathroom 1	Concrete	Beige	Paint, Ceiling	0.05		
334	Interior Perimeter	Women Bathroom 1	Concrete	Brown	Floor Tile	0.09		
335-336	Interior Perimeter	Women Bathroom 1	Concrete	Brown	Paint, Door (x2)	0.26		
337-338	Interior Perimeter	Women Bathroom 1	Concrete	Brown	Paint, Door Frame (x2)	0.11		
339-341	Interior Perimeter	Women Bathroom 1	Ceramic	White	Toilet (x3)	0.27		
342-344	Interior Perimeter	Women Bathroom 1	Ceramic	White	Sink (x3)	0.22		
345	Interior Perimeter	Women Bathroom 1	Ceramic	White	Stahl	0.27		
346	Interior Perimeter	Women Bathroom 2	Concrete	Beige	Paint, Wall A	0.29		
347	Interior Perimeter	Women Bathroom 2	Concrete	Beige	Paint, Wall B	0.08		
348	Interior Perimeter	Women Bathroom 2	Concrete	Beige	Paint, Wall C	0.25		
349	Interior Perimeter	Women Bathroom 2	Concrete	Beige	Paint, Wall D	0.27		
350	Interior Perimeter	Women Bathroom 2	Concrete	Beige	Paint, Divider Wall	0.25		
351	Interior Perimeter	Women Bathroom 2	Concrete	Beige	Paint, Ceiling	0.01		
352	Interior Perimeter	Women Bathroom 2	Concrete	Brown	Floor Tile	0.11		
353-354	Interior Perimeter	Women Bathroom 2	Concrete	Brown	Paint, Door (x2)	0.02		
355-356	Interior Perimeter	Women Bathroom 2	Concrete	Brown	Paint, Door Frame (x2)	0.28		
357-359	Interior Perimeter	Women Bathroom 2	Ceramic	White	Toilet (x3)	0.09		

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)

#### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO Project Name: Bluewater Defense T090407000 PW: 8004 DI: 219022

Contact: Isander Silva Total Samples: 376

Phone / Fax/Email: (787)-219-7397 / isilva@integrated-corp.com Bldg/Structure: All

Collected By: Emilio Pinella Floor: Ground

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
360-362	Interior Perimeter	Women Bathroom 2	Ceramic	White	Sink (x3)	0.21		
363	Interior Perimeter	Women Bathroom 2	Ceramic	White	Stahl	0.06		
364	Exterior Perimeter	Parking Area	Metal	Yellow	Paint, Parking Poles	0.05		
365	Exterior Perimeter	Building Walls, Lot 1	Concrete	White	Paint, Overhang	0.11		
366	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Wall A	0.08		
367	Interior Perimeter	Building Walls, Lot 1	Concrete	Beige	Paint, Support Columns	0.23		
368	Interior Perimeter	Men Bathroom Lot 1	Ceramic	Beige	Floor Baseboard	0.10		
369	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Wall A	0.17		
370	Interior Perimeter	Bldg Wall Lot 1B	Concrete	Beige	Paint, Floor Lines	0.13		
371	Interior Perimeter	Men Bathroom 2	Concrete	Brown	Floor Tile	0.19		
372	Interior Perimeter	Women Bathroom 1	Ceramic	White	Stahl	0.31		
<b>373</b>	Interior Perimeter	Women Bathroom 2	Concrete	Brown	Floor Tile	0.12		
374	Calibration					1.1		
375	Calibration					0.90		
376	Calibration					1.0		

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)



# **APPENDIX III. COMPANY AND INSPECTOR CREDENTIALS**



#### **COMPANY CREDENTIALS**





#### **INSPECTOR CREDENTIALS**





# **APPENDIX IV. XRF PCS**









The world leader in serving science

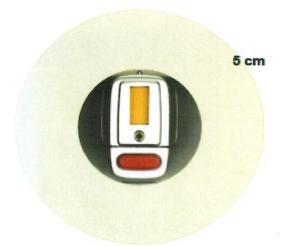
# Thermo Scientific Portable XRF Analyzers Isotope Radiation Survey Certificate

Instrument Model: XLp 300A
Instrument S/N: 117328

Detector Model: RadEye B20-ER

Detector S/N: 0213

Calibration Date: 4/5/2022



<b>Dose rate (μrem/hr)*</b> (100.0 μrem = 0.1 mrem = 1.0 μSv)						
Background	5 cm					
12	0					

<sup>\*</sup>All recorded measurements are net above background.

• Dose rate measurements taken at 360° perpendicular to instrument with the shutter closed (i.e., sources in the shielded position.

\*\* The survey results indicate that the dose rate does not exceed 0.05 milirem per hour at any point 5 cm [< 50  $\mu$ mm/hr at 5 cm] from the surface of the device.

Conducted by: David Nop

**Survey Date:** 

9/12/2022

TODAY

Thermo Scientific

2 Radcliff Road Tewksbury MA 01876

+1 978-670-7460

www.thermoscientific.com/pai

Portable Analytical Instruments

USA

+1 978-670-7430 fax

800-875-1578 (toll free)



#### **Certificate of Calibration**

Paint QC Sheet Document #: 140-00206 Revision: F1

Revision Date: 7 July 2020

 Serial Number:
 117328
 Model: Niton XLp 300A
 Software: 5.2F-Dual
 Date of Q.C.: 9/13/2022

 Resolution:
 381.79
 Escale: 4.5
 Source: CD-109
 Inspector: RC

K+L 20 Sec Readings

Std	L	Lerr	K	Kerr	DI	L Status	K Status
1.0 Surface Wood-1	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Surface Wood-2	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Buried Wood-1	1.00	0.10	1.40	0.40	2.2	OK	OK
1.0 Buried Wood-2	1.00	0.10	1.20	0.40	2.2	OK	OK
Blank Wood-1	0.00	0.02	0.30	0.37	1.5	OK	OK
Blank Wood-2	0.02	0.04	0.30	0.36	4.7	OK	OK
3.5 Surface Wood-1	3.50	0.20	3.60	0.60	1.2	OK	OK
3.5 Surface Wood-1	3.70	0.20	3.60	0.60	1.3	OK	OK
0.3 Surface Concrete-1	0.30	0.03	0.40	0.60	1.0	OK	OK
0.3 Surface Concrete-2	0.28	0.03	0.40	0.60	1.0	OK	OK
Steel-1	0.04	0.07	-0.05	0.60	10.0	OK	OK
Steel-2	0.06	0.09	0.14	0.60	10.0	OK	OK
Pure Pb-1	10.10	3.60	82.00	2.70	1.7	OK	OK
Pure Pb-2	10.10	2.80	83.90	2.70	1.7	OK	OK
1.0 Surface Drywall-1	1.10	0.10	1.30	0.40	1.1	OK	OK
1.0 Surface Drywall-2	1.10	0.10	1.40	0.40	1.1	OK	OK

#### K+L 20 Sec Readings

Std	Time	Result	
Drywall-1	3.38	0.00	OK
Drywall-2	3.37	0.00	OK
French Plaster-1	3.37	0.00	OK
French Plaster-2	3.37	0.00	OK

This certificate is issued in accordance with Thermo Fisher Scientific factory specifications. The measurements were found to be within specification limits at the time of manufacture and calibration.

Standards are traceable to National Institute of Standards & Technology (NIST) standards.

Signed:

Steve Introne Director of Quality and Regulatory



#### SEALED SOURCE LEAK TEST CERTIFICATE

Certificate #:

7273

	LEAK TEST LABORATO	ORY INFORMATION		
COMPANY NAME	THERMO SCIENTIFIC	PORTABLE ANALYTICAL IN	STRUM	MENTS
LICENSE NUMBER	MASSACHUSETTS 55-0238	CONTACT NAME/ASS	T.RSO	Jose Hernandez
ADDRESS	2 RADCLIFF ROAD	<b>CONTACT NUMBER</b>	978-5	513-3634
	TEWKSBURY MA 01876	FAX NUMBER	978-6	670-7411

A copy of certificate should be maintained for a minimum of 3 years and for inspection by the regulatory agency.

#### SAMPLE KIT INFORMATION

Sample ID #: N-7132

Sample date: 8/31/2022

#### **SEALED SOURCE INFORMATION**

E 1 0 7: 1

**DEVICE/ANALYZER INFORMATION** 

Eckert & Ziegler Device make : Thermo Scientific Portable XRF Analyzers

Device model : XLp

Source model :

Manufacturer:

XCd9.06 TR4893

Serial number :

117328

Source serial number : Radioisotope :

Cd-109

11/15/2022

Activity (mCi):

Assay Date:

40

#### **LEAK TEST RESULT:**

Analysis of the above sample kit on date 8/3 I/

8/3 1/2022 yield the following result:

/	The analysis of the radioactive material of this leak test sample indicated the activity preson	ent is les
<b>✓</b>	than 0.005 uCi (or 185 Bq). The source may be used as authorized.	

Statistical analysis of the radioactive count data of this leak test sample indicated the activity present is greater than 0.005 uCi (or 185 Bq). This source should be considered leaking. Consult your device operations procedure; place this source in storage or quarantine area and make the required notification to your regulatory agency.

#### **DEVICE/SOURCE LEAK TEST IS DUE ON OR BEFORE**

2/28/2023

Leak test performed by: David Nop

Certified by:

Ronald Cardarelli

Ronald Cardarelli, RSO, CN

Date:

8/31/2022



# APPENDIX V. GENERAL VIEW PICTURES OF POSITIVE XRF READINGS



# GENERAL VIEW OF POSITIVE PARKING AREA, YELLOW, STREET CURB (200 If)



# GENERAL VIEW OF POSITIVE PARKING AREA, YELLOW, DIVIDER LINES (200 If)





# GENERAL VIEW OF POSITIVE PARKING AREA, BLUE, DISABLED LINES (400 If)





# GENERAL VIEW OF POSITIVE MEN BATHROOM, CERAMIC, BEIGE, SINK (4 units total)

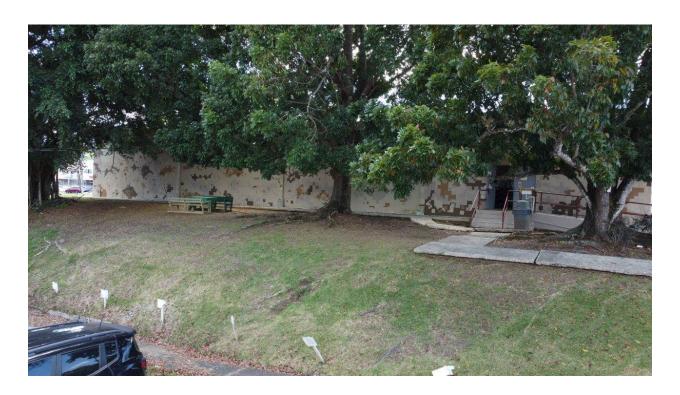




# ENVIRONMENTAL SURVEY FOR ASBESTOS CONTAINING MATERIALS

# BLUEWATER DEFENSE T090407000 PW: 8004 / DI: 219022 Cibuco Wards

Corozal, P.R.



**Prepared for:** 

**PRIDCO** 

Prepared by:

INTEGRATED GLOBAL SOLUTIONS

March 2024

#### **Table of Contents**

- I. Summary
- II. Introduction
- III. General Background
- IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)
- V. Project Identification/Description
- VI. Methods of Building Inspections
- VII. Sampling Methods
- VIII. Inspection Results
- IX. Conclusions
- X. Conditions, Limitations and Disclaimer
- XI. Appendixes

Appendix I. General View of Inspected Structures

Appendix II. Laboratory Results

Appendix III. Accreditations

Appendix IV. ACM Negative Certification

## I. Summary

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 18, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The tenant of this facility is Bluewater Defense T090407000. The purpose of this survey included sampling and physical evaluations of suspicious ACM material. To identify ACM on the structure scheduled for demolition to complete improvements to the structure.

This survey report can help owners develop a plan for eliminating any asbestos hazards that were found and may aid in establishing ongoing asbestos containing materials maintenance and re-evaluation program, if needed.

# NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS.

#### II. Introduction

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 18, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The asbestos investigation was conducted by Emilio Pinella, an AHERA Certified Asbestos Building Inspector (License number ASB-0124-0011-SI).

# III. General Background

Asbestos was used in the construction industry from 1900 to 1989. It is still used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessarily constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other everyday activity that allows fibers to be released into the environment, then a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with various types of lung diseases including a debilitating disease called asbestosis; a rare cancer of the chest called mesothelioma; and cancers of the esophagus, stomach, colon, and other organs. Asbestos is not fatal; it is, however, incurable. One who has it cannot breathe easily, and physical activity becomes limited. Mesothelioma is 100% fatal, as there is no cure.

These diseases can be directly linked to the mineral of asbestos in the particle form that can be found in the lining of the lung and stomach, since the body cannot absorb these minerals. Tests have determined that asbestos can cause cancer, but scientists disagree on the amount of asbestos fibers that must be inhaled to cause cancer. The nose filters out all visible particles. Therefore, only microscopic fibers are the ones who cause the problem. Studies indicate different health effects resulting from exposure to chrysolite asbestos versus exposure to amphibole form of asbestos. The latter, which include tremolite, amosite, anthophyllite and crocidolite have more significant health impact than chrysolite.

Some scientists' studies concluded that the dimensions of the fiber which ones enter in the lung area, resulting in cancer. Long, thin fibers, greater than 8 microns in length and less than 0.25 microns in diameter show the highest potential of cancer development.

# IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)

The EPA's rules concerning the application, removal, and disposal of ACM, as well as manufacturing, spraying, and fabricating of ACM were issued under the asbestos NESHAP regulation, under the 40 CFR 61 Subpart M on October 30, 1997. The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before the building is demolished and may require its removal before renovation. If friable ACM shall be disturbed, the NESHAP rule may require appropriate

work practice, or procedures for emission control. The rules state that any ACM which may become friable poses a potential hazard that should be addressed.

A revised NESHAP ruling released on November 20, 1990 (effective on February 20, 1991) which includes the responsibility of the owner, or operator, to "prior to commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II non-friable ACM" (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

## V. Project Description / Identification

This project consists of the premises and buildings located at Cibuco Wards, Corozal, P.R.

## VI. Method of Building Inspection

The visual inspection was conducted according to the condition of ACM in that location and the potential for material disturbance. The assessment scheme followed the recommendations by EPA as a result of the Asbestos Hazard Emergency Response Act and outlined in the 40 CFR Part 763.88 dated October 30, 1987, and amended by 40 CFR Part 61, NESHAP (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

The functional space was visited and visually inspected to identify the location of any suspected ACM. An assessment was then made of the friability of suspected ACM by touching the material to determine if it could be pulverized, crumbled, or reduced to powder by hand pressure. Upon completion of the suspect material and grouped into "homogenous sampling areas", i.e., areas which are uniform by color, texture, construction/application date and general appearance.

ACM was categorized as follow:

- 1. Category I, non-friable containing materials (ACM). This includes asbestos containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos.
- 2. Category II, non-friable ACM. This includes any materials, excluding Category I non-friable ACM containing more than 1% asbestos, that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- Friable asbestos materials. This includes any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Physical hazard assessment was performed based on AHERA regulations. This protocol provides separate analysis for three types of materials: surfacing, thermal insulation and miscellaneous. However, this protocol does not provide a means for relative ranking of individual hazards within the category. Therefore, a separate analysis was performed to assess hazard ranking which could be used for this type of material. The hazard assessment combines the level of potential disturbance with the current condition of ACM to indicate overall hazard potential.

The rankings of potential hazards range from 1-most hazardous to 7-least hazardous. The highest rank is reserved for ACM, which is significantly damaged. A review of the definition of "significant damage" reveals that the definitions are designed to identify ACBM, which is so extensively damaged or deteriorated, that requires immediate corrective action. Hazard rank 2-4 reflects ACBM, which is damaged as defined AHERA, with rank 2 indicating a "potential for significant damage" and rank 3 indicating a "potential for damage". Hazard ranks 5-7 are reserved for ACBM currently in good condition, but with a range in the likelihood for future disturbance.



## VII. Sampling Methods

An asbestos visual survey was conducted for the suspected ACM for one (1) facility located at Cibuco Wards, Corozal, P. R.

#### VIII. Conclusions

NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS.

## IX. Conditions, Limitations and Disclaimer

Integrated Global Solutions has performed this Asbestos Containing Materials Survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey.

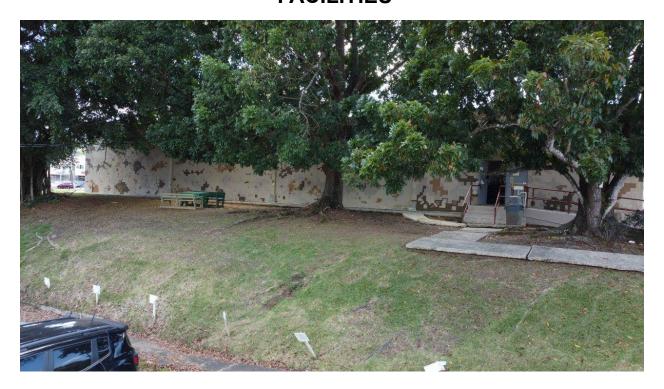
The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.



APPENDIX	I. GENERAL	VIEW OF	INSPECTED	STRUCTURE
	I. OLITLIME			



# BLUEWATER DEFENSE T090407000 FACILITIES



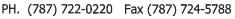


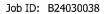
# **APPENDIX II. LABORATORY RESULTS**



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







#### **REPORT NUMBER**

#### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Integrate	d Global Solutions		Date Collected:	03/18/2024	
Project Name:	BLUE WA DI:21902	TER DEFENSE LOT1 COROZAL PW: 2	: 8004	Date Received:	03/22/2024	
Project ID:						
		RESULT OF ANALY	SIS (BY	% AREA VISUAL	ESTIMATE)	
Lab S Client Sample ID	Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
<b>324030038.01</b> 324030038.01.A 219022-031824-01 ayer % of Total :		Hard, Compact, Partly Granular with Glue Other - Mastic and Fibers Cream	No		Cellulose 2	Bitumen 1 Sand/Aggregates 25 Glue 5 Binders/Paint 67
Date Analyzed: 03	3/27/2024					
Sample Location: Comments: Not Enough Mas		ffices Floors, Vynil and Glue				
<b>B24030038.02</b> B24030038.02.A 219022-031824-02 Layer % of Total :		Hard, Glue with Aggregates, Paint Other - Ceramic and Fibers Cream	No		Cellulose 2	Sand/Aggregates 40 Glue 30 Binders/Paint 28
Date Analyzed: 03	3/27/2024					
Sample Location: Comments: Paint & Ceramic		throom Ceramic Baseboard and I	Floor Tile	and Glue		
_	· ·	samples easily separated into sublayers, ea dispersion staining techniques in accordar				and EPA/600/R-93/116.
		20				01
MICROANALYST:		CH Cins		QUALITY	CONTROL:	The Union

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



#### CHAIN OF CUSTODY (TRANSMITTAL SHEET FOR SAMPLES)

coc#: 1 of 1

Customer Name:	PRIDCO NORTH	H Project Name: BLUE WATER DEFENSE LOTI COROZAL PW: 8004 DI: 219022										
Contact:	Isander Silva Torres	Total Samples: 2 Job Number:						r:				
Phone/Fax/E-mail:	(787)-219-7397 / isilva@	integrated-co	rp.com				0523-0195-SI	Remarks:				
Collected by:	Emilio Pinella/epinella(	integrated-co	гр.сот	m Structure Address:								
Analized by Lab:					COROZ	47 DD		1	B	ulk Sanq	oles	
AIIIA Lab ID:					COROZ.	L. PK						
Project Description:	Bulk Samples from B	LUE WATER	R DFENSE LOTI, COROZ	ZAL								
Sample No.	Date	Time		Sample Descrip	tion				Sample			
							Bulk	Water	Wipe	Soil	Paint Chip	TCLP 2403
219022-031824-01	18-Mar-2024	12:00 PM		Admin Offices floors, vy	nil and glue		X					.0
219022-031824-02	18-Mar-2024	1:00 PM	Men's bath	room ceramic baseboar	d and floor tile	and glue	X					02
			-					1				
			1.2					-				
	*											
								-				
Turn Around Tim	e: Normal: X 3	days	Rush:	24 hours	Ri	ush:	16 hours				in	
Sampling Collected by:	Relinquished by:	Received by:		Relinquished by:	Received by	D	elivery to Lab by:				at Lab by:	
Emilio Pinella	Andres Cardona									Jen		verg
Date: Time:	Date: Time:	Date:	Time:	Date: Time:	Date: Ti	me: D	ate: Ti	me:		Date:		Time:
03/18/24   12:00 PM	03/18/24 2:45 PM									322	124 15	:32

Job ID:B24030038

Integrated Global Solutions



# **APPENDIX III. ACREDITATIONS**



## **INSPECTOR CREDENTIALS**



ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



# **APPENDIX IV. ACM NEGATIVE CERTIFICATION**



#### GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

# CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PRIDCO: PW-8004 DI-219022

Yo, Emilio Pinella (Nombre)	mayor de edad, <u>Casa</u> (Estado C		Bayamon (Municipio)
Dirección Postal RR 8 Box 1995 PMB	112	Bayamón P.R.	00956
		(Pueblo)	(Zip Code)
Teléfonos: Residencial (_787) _533	4400 Oficina ( 787	_) <u>693</u> - <u>7777</u> Ex	t
Certifico que: Bluewater Defense T09040	7000		
La estructura localizada en Cibuco Ward	ds, Corozal, P.R. , la cual s	será objeto de una demoli	ción se encuentra libre de
	,	•	
asbesto.			
2. La información antes indicada es cierta	y correcta.		
3. Afirmo y reconozco las consecuencias o	de incluir y someter informa	ación falsa en este docum	ento.
4. Para que así conste, firmo la presente d	certificación en	Guaynabo	de Puerto Rico,
		(Municipio)	
hoy día <u>18</u> de <u>marzo</u> de <u>2024</u>			
	Emilio Pinslli	€	
<del></del>	Firma y Sello del Profe		
Firma del Ins	pector de Asbesto registra		

Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de colegiación e Inspectores de Asbesto deberán someter evidencia de la tarjeta de registro provista por la JCA.

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926

Dirección Postal: Apartado 11488, Santurce, PR 00910-1488

Tel. (787) 767-8181 • Fax (787) 767-1962





ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



# **ENVIRONMENTAL SURVEY FOR LEAD BASE PAINT**

BLUEWATER DEFENSE T090506800 PW: 8004 / DI: 219023 Cibuco Wards Corozal, P.R.



**Prepared for:** 

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

# **Table of Contents**

- I. Summary
- II. Introduction
- III. Lead Base Paint Testing Methodology
- IV. Testing Procedure
- V. Results
- VI. Conclusions
- VII. Recommendations
- VIII. Appendixes

Appendix I General View Pictures of Inspected Structures

Appendix II XRF Data

Appendix III Company and Inspector Credentials

Appendix IV XRF PCS

Appendix V General View Pictures of Positive XRF Readings



## I. Summary

An environmental survey for Lead Base Paint (LBP) components was conducted by Integrated Global Solutions on March 15, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T090506800. The purpose of this survey was to identify LBP coating on the structures to be scheduled for demolition or renovation. The survey was conducted following applicable portions of the Housing Urban Development Guidelines. The scope of the survey included detection of LBP components if present in painted components and 100% testing of all surface's components if present in painted structures or appurtenances.

One commercial space was tested. The survey, performed with an XRF instrument manufactured by Thermo Scientific, was conducted using 100% of testing.

The Lead Base Paint Inspection was performed to identify paint that contains lead above the allowable levels that could result in harm to construction personnel and workers, this survey report helps owners to develop a plan for eliminating any lead base paint hazards and re-evaluation program, if needed.

LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY. SEE TABLE 1.1

Table 1.1 Positive XRF Readings

		XRF Form for Lea								
Customer Name:			Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023							
	: Isander Silva Torres		Total Samples:							
Phone / Fax/Email:			Bldg/Structure:							
	: Emilio Pinella		Floor:							
Project Description:	: March 15, 2024		XRF Serial No.	11/328						
Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measuremen		
4	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	2.5	Poor	50 lf		
5	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	8.1	Poor	50 lf		
6	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	4.4	Poor	50 lf		
7	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	11.3	Poor	50 lf		
8	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	9.6	Poor	50 lf		
9	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	4.9	Poor	50 lf		
10	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.2	Fair	12.5 lf		
11	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.4	Fair	12.5 lf		
12	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.5	Fair	12.5 lf		
13	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.2	Fair	12.5 lf		
14	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.3	Fair	12.5 lf		
15	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.5	Fair	12.5 lf		
16	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.3	Fair	12.5 lf		
17	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.2	Fair	12.5 lf		
18	Interior Perimeter	Maintenance Room	Ceramic	White	Utility Sink	38.0	Poor	1 Unit		
19	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Water System Piping 12"	4.4	Poor	1 Unit		

Note: All measurements must be corroborated.

#### II. Introduction

An environmental survey for Lead Base Paint (LBP) Components was conducted by Integrated Global Solutions on March 15, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T090506800. The scope of the survey included LBP testing of components for several structures which are scheduled to be demolished or remodeled.

The LBP investigation was conducted by Emilio Pinella, an EQB certified LBP inspector under license No. LBPI-22923-290. The credentials of Integrated Global Solutions, Inc. and of LBP inspector are attached in Appendix III.



## III. Lead Based Paint Testing Methodology

The lead base paint testing protocol officially available at this time was published by HUD initially in 1990, revised in 1991 and finalized in 1995 (see above HUD reference). A revised Chapter 7 was published in 1997. In accordance with the new protocol, almost all surfaces present in the units have to be tested. The above guidelines were used to perform lead-based paint testing of this project.

The hazard level of lead in paint has been determined by the Department of Housing & Urban Development (HUD) to be 1.0 mg/cm2, as measured by an XRF or Atomic Absorption Spectroscopy (AAS), or 0.5% by weight (0r 5,000 ppm) as measured by

the AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992 under Title X.

#### The main steps involved in a multi-family inspection are:

- Select the painted area to be tested.
- Classify XRF and paint chip results.
- Collect and analyze paint chip samples, for inconclusive results.
- Classify paint chip results.
- Review and evaluate the data.
- Report findings.

### IV. Testing Procedure

For this survey the painted components testing was performed with a Thermo Scientific XRF NITON XLP 300A fluorescent instrument (Serial number 117328). The instrument operates in two modes: standard mode and time corrected mode (Lead in Paint K+L variable reading time mode). The standard is a method selected for the NIST reference readings to ensure that the instrument is working according to the manufacturer performance characteristics sheet (PCS). The selected mode for sampling of components was time corrected mode (Lead in Paint variable reading



time mode), which allows reference to the abatement level set 1.0 mg/cm2. The results are reported at a 95% confidence level and the quality of the testing verified according to the manufacturer recommendations.

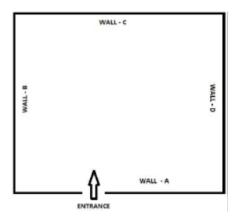
#### NOTE:

If the results of the surface analyzed by the XRF Spectrum Analyzer are less than 1.0 mg/cm2 it is considered negative.

If the results of the surface analyzed by the XRF Spectrum Analyzer are equal or greater than 1.0 mg/cm2 it is considered positive.

In case of inconclusive results, Paint Chip (sample of the past) will be analyzed at a certified laboratory and reported by weight of ppm.

Component sampling was conducted using a clockwise path for all spaces including exterior sides of selection as per the following figure:



### V. Results

The results of the tested components are shown in Appendix II. A total of five hundred and nineteen (519) XRF readings were taken. LBP components were found at the time of this survey.



#### VI. Conclusions

LBP survey was conducted for Bluewater Defense T090506800 facilities located Cibuco Wards, Corozal, P.R.

## LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY.

The LBP survey relates to surfaces accessible and not covered by rigid barriers.

Should any hidden surfaces or components be present, they must be assumed to be painted with LBP or with positive results.

#### VII. Conditions and Limitations – Disclaimer

Integrated Global Solutions has performed this lead base paint survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey. The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.

#### VIII. Recommendations

According to the PREQB lead regulations, prior to demolishing a structure containing lead base paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste according to the regulation. The firm contracted to provide the abatement services must be certified and certified as abatement workers and supervisors by a training provider accredited by PREQB.

<b>APPENDIX I</b>	GENERAL	VIEW OF	INSPECTED	STRUCTURE
AFFEINDIA I.	GENERAL	. VIEVV OF		SINUCIUNE



# BLUEWATER DEFENSE T090506800 FACILITIES





### **APPENDIX II. XRF DATA**

Customer Name: PRIDCO
Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres
Total Samples: 519

Phone / Fax/Email: (787)-219-7397
Bldg/Structure: All

Collected By: Emilio Pinella
Date: March 15, 2024
XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
1	Calibration					1.0		
2	Calibration					0.90		
3	Calibration					1.0		
4	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	2.5	Poor	50 lf
5	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	8.1	Poor	50 lf
6	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	4.4	Poor	50 lf
7	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	11.3	Poor	50 lf
8	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	9.6	Poor	50 lf
9	Interior Perimeter	Perimeter Area	Concrete	Yellow	Paint, Floor Guide, Perimeter Line	4.9	Poor	50 lf
10	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.2	Fair	12.5 lf
11	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.4	Fair	12.5 lf
12	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.5	Fair	12.5 lf
13	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.2	Fair	12.5 lf
14	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.3	Fair	12.5 lf
15	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.5	Fair	12.5 lf

Customer Name: PRIDCO
Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres
Total Samples: 519
Phone / Fax/Email: (787)-219-7397
Bldg/Structure: All

Collected By: Emilio Pinella
Floor: All

Date: *March* 15, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
16	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.3	Fair	12.5 lf
17	Interior Perimeter	Fire Extinguisher Station	Concrete	Red	Paint, Floor and Wall	1.2	Fair	12.5 lf
18	Interior Perimeter	Maintenance Room	Ceramic	White	Utility Sink	38.0	Poor	1 Unit
19	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Water System Piping 12"	4.4	Poor	1 Unit
20	Exterior Perimeter	Perimeter Area	Concrete	Gray	Paint, Exterior Walkways	0.12		
21	Exterior Perimeter	Perimeter Area	Concrete	Gray	Paint, Water Plant System Shack	0.23		
22	Exterior Perimeter	Perimeter Area	Metal	White	Paint, Water Tank	0.08		
23	Exterior Perimeter	Perimeter Area	Concrete	Gray	Maintenance Tool Shack Wall A	0.16		
24	Exterior Perimeter	Perimeter Area	Concrete	Gray	Maintenance Tool Shack Wall B	0.18		
25	Exterior Perimeter	Perimeter Area	Concrete	Gray	Maintenance Tool Shack Wall C	0.22		
26	Exterior Perimeter	Perimeter Area	Concrete	Gray	Maintenance Tool Shack Wall D	0.07		
27	Exterior Perimeter	Perimeter Area	Concrete	Gray	Electric Generator Shack Wall A	0.22		
28	Exterior Perimeter	Perimeter Area	Concrete	Gray	Electric Generator Shack Wall B	0.15		
29	Exterior Perimeter	Perimeter Area	Concrete	Gray	Electric Generator Shack Wall C	0.23		
30	Exterior Perimeter	Perimeter Area	Concrete	Gray	Electric Generator Shack Wall D	0.18		
31	Exterior Perimeter	Perimeter Area	Concrete	Gray	Paint, Generator Base	0.04		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
32	Exterior Perimeter	Perimeter Area	Wood	Brown	Paint, Breaktime Shack	0.26		
33	Exterior Perimeter	Perimeter Area	Wood	Brown	Paint, Breaktime Shack	0.05		
34	Exterior Perimeter	Perimeter Area	Wood	Brown	Paint, Breaktime Shack	0.16		
35	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.09		
36	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.28		
37	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.06		
38	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.30		
39	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.25		
40	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.09		
41	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.15		
42	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.18		
43	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.11		
44	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall A	0.23		
45	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall B	0.21		
46	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall C	0.22		
47	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Wall D	0.06		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15*, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
48	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Soffit	0.12		
49	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Fascia	0.13		
50	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Support Column Base	0.07		
51	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Entrance Overhang	0.03		
52	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Entrance Overhang	0.05		
53	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Entrance Overhang	0.19		
54	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Entrance Overhang	0.20		
55	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Entrance Overhang	0.23		
56	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.17		
57	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.09		
58	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.04		
59	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.20		
60	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Soffit	0.03		
61	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.09		
62	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.22		
63	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.27		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
64	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.14		
65	Exterior Perimeter	Perimeter Walls	Concrete	Military	Paint, Overhang Fascia	0.12		
66	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 1 Structure Wall	0.28		
67	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 1 Structure Wall	0.26		
68	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 1 Structure Wall	0.15		
69	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 2 Structure Wall	0.19		
70	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 2 Structure Wall	0.17		
71	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 2 Structure Wall	0.23		
72	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 3 Structure Wall	0.13		
73	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 3 Structure Wall	0.27		
74	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Bathroom 3 Structure Wall	0.11		
<i>7</i> 5	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Soffit	0.24		
76	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Soffit	0.19		
77	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Soffit	0.12		
78	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Fascia	0.17		
79	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Fascia	0.03		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres

Total Samples: 519

Phone / Fax/Email: (787)-219-7397

Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
80	Exterior Perimeter	Exterior Structures	Concrete	Military	Paint, Fascia	0.09		
81	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Wall A	0.17		
82	General Work Area	Exterior Main Entrance	Concrete	Gray	Paint, Stair Steps	0.17		
83	General Work Area	Exterior Main Entrance	Concrete	Gray	Paint, Stair Steps	0.14		
84	General Work Area	Exterior Main Entrance	Concrete	Gray	Paint, Stair Steps	0.18		
85	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Access Ramp	0.07		
86	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Entrance Low Wall	0.04		
87	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Garden Low Wall	0.22		
88	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Garden Low Wall	0.25		
89	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Garden Low Wall	0.29		
90	General Work Area	Exterior Main Entrance	Concrete	Military	Paint, Garden Low Wall	0.06		
91	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Wall A	0.24		
92	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.10		

Floor: All

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella XRF Serial No. 117328 Date: March 15, 2024

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
93	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.09		
94	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.03		
95	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.07		
96	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.24		
97	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.21		
98	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Stair Steps	0.27		
99	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Entrance Low Wall	0.21		
100	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Access Ramp	0.25		
101	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Access Ramp Low Wall	0.24		
102	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Access Ramp Low Wall	0.17		
103	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Entrance Foyer Low Wall	0.23		
104	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Entrance Foyer Low Wall	0.11		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 15, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
105	Administration Office	Exterior Main Entrance	Concrete	Military	Paint, Entrance Foyer Low Wall	0.22		
106	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Walkway to Bldg Handrail	0.15		
107	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Walkway to Bldg Handrail	0.12		
108	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Walkway to Bldg Handrail	0.08		
109	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Walkway to Bldg Handrail	0.21		
110	Exterior Perimeter	Perimeter Wall A	Metal	Red	Access Ramp Walkway Handrail	0.09		
111	Exterior Perimeter	Perimeter Wall A	Metal	Red	Access Ramp Walkway Handrail	0.24		
112	Exterior Perimeter	Perimeter Wall A	Metal	Red	Access Ramp Walkway Handrail	0.15		
113	Exterior Perimeter	Perimeter Wall A	Metal	Red	Access Ramp Walkway Handrail	0.10		
114	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Parking Stair Handrail	0.03		
115	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Parking Stair Handrail	0.18		
116	Exterior Perimeter	Perimeter Wall A	Metal	Red	Work Area Entrance Handrail	0.09		
117	Exterior Perimeter	Perimeter Wall A	Metal	Red	Work Area Entrance Handrail	0.19		
118	Exterior Perimeter	Perimeter Wall A	Metal	Red	Work Area Entrance Handrail	0.09		
119	Exterior Perimeter	Perimeter Wall A	Metal	Red	Office Area Entrance Handrail	0.18		
120	Exterior Perimeter	Perimeter Wall A	Metal	Red	Office Area Entrance Handrail	0.29		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
121	Exterior Perimeter	Perimeter Wall A	Metal	Red	Office Area Entrance Handrail	0.26		
122	Exterior Perimeter	Perimeter Wall A	Metal	Red	Office Area Entrance Handrail	0.13		
123	Exterior Perimeter	Perimeter Wall A	Metal	Red	Overhang Entrance Support Column	0.14		
124	Exterior Perimeter	Perimeter Wall A	Metal	Red	Wooden Shack Middle Pole	0.02		
125	Exterior Perimeter	Perimeter Wall A	Metal	Red	Wooden Shack Middle Pole	0.05		
126	Exterior Perimeter	Perimeter Wall A	Metal	Red	Wooden Shack Middle Pole	0.03		
127	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Double Door	0.17		
128	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Double Door	0.07		
129	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Double Door Frame	0.25		
130	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Double Door Frame	0.24		
131	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door	0.24		
132	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door	0.21		
133	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door	0.01		
134	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door	0.12		
135	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door Frame	0.23		
136	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door Frame	0.09		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
137	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door Frame	0.21		
138	Exterior Perimeter	Perimeter Wall A	Metal	Gray	Paint, Door Frame	0.06		
139	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.23		
140	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.15		
141	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.17		
142	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.18		
143	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.07		
144	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.23		
145	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.05		
146	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.08		
147	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.12		
148	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.11		
149	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.23		
150	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.15		
151	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.13		
152	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.09		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
153	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.14		
154	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.18		
155	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.03		
156	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.13		
157	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.14		
158	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.18		
159	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.14		
160	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.21		
161	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.01		
162	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.23		
163	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.07		
164	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.16		
165	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.08		
166	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.30		_
167	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.17		
168	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.13		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15*, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
169	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.10		
170	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.27		
171	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.08		
172	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.04		
173	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.13		
174	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.04		
175	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.16		
176	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.04		
177	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.18		
178	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.28		
179	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.12		
180	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.26		
181	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.09		
182	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.28		
183	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.10		
184	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.17		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
185	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.18		
186	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.13		
187	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.11		
188	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.12		
189	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.02		
190	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.23		
191	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.28		
192	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.29		
193	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.19		
194	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.15		
195	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.21		
196	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.15		
197	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.02		
198	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.20		
199	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.29		
200	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.23		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
201	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.30		
202	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.26		
203	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.09		
204	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.22		
205	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.24		
206	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.24		
207	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.01		
208	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.29		
209	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.01		
210	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.30		
211	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.14		
212	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.16		
213	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.22		
214	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.06		
215	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.22		
216	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.23		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
217	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.02		
218	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.17		
219	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.02		
220	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.25		
221	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.17		
222	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.12		
223	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.02		
224	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.09		
225	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.28		
226	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.17		
227	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.05		
228	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.17		
229	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.19		
230	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.12		
231	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.16		
232	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.12		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
233	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.30		
234	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.23		
235	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.02		
236	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.21		
237	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.16		
238	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.09		
239	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.17		
240	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.28		
241	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.04		
242	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.05		
243	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.03		
244	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.26		
245	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.15		
246	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.21		
247	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.10		
248	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.13		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
249	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.11		
250	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.09		
251	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.27		
252	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.07		
253	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.11		
254	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.13		
255	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.12		
256	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.18		
257	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.01		
258	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window Frame	0.02		
259	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Rolling Door	0.30		
260	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Rolling Door	0.23		
261	Interior Perimeter	Main Area	Concrete	Beige	Paint, Wall A	0.23		
262	Interior Perimeter	Main Area	Concrete	Beige	Paint, Wall B	0.11		
263	Interior Perimeter	Main Area	Concrete	Beige	Paint, Wall C	0.13		
264	Interior Perimeter	Main Area	Concrete	Beige	Paint, Wall D	0.17		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
265	Interior Perimeter	Main Area	Concrete	Gray	Paint, Floor	0.21		
266	Interior Perimeter	Main Area	Concrete	White	Paint, Ceiling	0.10		
267	Interior Perimeter	Main Area	Concrete	Beige	Paint, Divider Wall	0.17		
268	Interior Perimeter	Main Area	Metal	Beige	Paint, Beam	0.09		
269	Interior Perimeter	Main Area	Metal	Beige	Paint, Beam	0.02		
270	Interior Perimeter	Main Area	Metal	Beige	Paint, Beam	0.07		
271	Interior Perimeter	Main Area	Metal	Beige	Paint, Beam	0.29		
272	Interior Perimeter	Main Area	Metal	Beige	Paint, Beam	0.03		
273	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.19		
274	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.20		
275	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.30		
276	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.15		
277	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.15		
278	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.22		
279	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.09		
280	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.11		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
281	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.26		
282	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.22		
283	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.17		
284	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.25		
285	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.13		
286	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.29		
287	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.21		
288	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.15		
289	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.27		
290	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.03		
291	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.13		
292	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.08		
293	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.02		
294	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.26		
295	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.15		
296	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.07		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
297	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.18		
298	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.14		
299	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.12		
300	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.05		
301	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.26		
302	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.28		
303	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.23		
304	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.12		
305	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.06		
306	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.27		
307	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.02		
308	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.17		
309	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.26		
310	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.13		
311	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.08		
312	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.23		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
313	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.05		
314	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.09		
315	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.20		
316	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.18		
317	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.26		
318	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.19		
319	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.28		
320	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.07		
321	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.10		
322	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.28		
323	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.11		
324	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.10		
325	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.17		
326	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.08		
327	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.23		
328	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.18		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
329	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.21		
330	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.09		
331	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.23		
332	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.14		
333	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.04		
334	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.10		
335	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.06		
336	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.09		
337	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.14		
338	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.15		
339	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.15		
340	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.13		
341	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.03		
342	Interior Perimeter	Main Area	Metal	Beige	Paint, Support Column	0.06		
343	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.10		
344	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.07		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
345	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.04		
346	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.14		
347	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.25		
348	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.05		
349	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.04		
350	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.26		
351	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.24		
352	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.17		
353	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.10		
354	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.05		
355	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.21		
356	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.15		
357	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.15		
358	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.07		
359	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.17		
360	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.20		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
361	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.25		
362	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.17		
363	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.14		
364	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.22		
365	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.15		
366	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.05		
367	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.24		
368	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.03		
369	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.08		
370	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.26		
371	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.05		
372	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.12		
373	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.17		
374	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.12		
375	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.19		
376	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.05		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
377	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.20		
378	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.16		
379	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.25		
380	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.12		
381	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.11		
382	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.28		
383	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.23		
384	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.03		
385	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.26		
386	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.15		
387	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.09		
388	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.02		
389	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.25		
390	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.09		
391	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.24		
392	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.22		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
393	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.26		
394	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.20		
395	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.16		
396	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.04		
397	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.04		
398	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.17		
399	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.16		
400	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door	0.24		
401	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.29		
402	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.18		
403	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.05		
404	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.12		
405	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.24		
406	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.08		
407	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.03		
408	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.25		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
409	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.27		
410	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.30		
411	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.17		
412	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.17		
413	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.03		
414	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.12		
415	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.15		
416	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.27		
417	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.18		
418	Interior Perimeter	Administration Area	Wood	Brown	Paint, Door Frame	0.15		
419	Interior Perimeter	Administration Area	Vynil	Beige	Floor Tile	0.17		
420	Interior Perimeter	Cafeteria	Drywall	Beige	Paint, Wall A	0.07		
421	Interior Perimeter	Cafeteria	Drywall	Beige	Paint, Wall B	0.09		
422	Interior Perimeter	Cafeteria	Drywall	Beige	Paint, Wall C	0.12		
423	Interior Perimeter	Cafeteria	Drywall	Beige	Paint, Wall D	0.29		
424	Interior Perimeter	Cafeteria	Drywall	White	Paint, Ceiling	0.07		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: <u>All</u>

Collected By: Emilio Pinella Floor: All

Date: *March* 15, 2024 XRF Serial No. 117328

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
425	Interior Perimeter	Cafeteria	Vynil	Beige	Floor Tile	0.26		
426	Interior Perimeter	Plant 1.5	Concrete	Beige	Paint, Wall A	0.16		
427	Interior Perimeter	Plant 1.6	Concrete	Beige	Paint, Wall B	0.07		
428	Interior Perimeter	Plant 1.7	Concrete	Beige	Paint, Wall C	0.20		
429	Interior Perimeter	Plant 1.8	Concrete	Beige	Paint, Wall D	0.17		
430	Interior Perimeter	Plant 1.9	Concrete	White	Paint, Ceiling	0.15		
431	Interior Perimeter	Plant 1.10	Concrete	No Paint	Floor	0.23		
432	Interior Perimeter	South Men Bathroom	Concrete	White	Paint, Wall A	0.15		
433	Interior Perimeter	South Men Bathroom	Concrete	White	Paint, Wall B	0.22		
434	Interior Perimeter	South Men Bathroom	Concrete	White	Paint, Wall C	0.18		
435	Interior Perimeter	South Men Bathroom	Concrete	White	Paint, Wall D	0.14		
436	Interior Perimeter	South Men Bathroom	Concrete	White	Paint, Ceiling	0.22		
437	Interior Perimeter	South Men Bathroom	Concrete	White	Paint, Divider Wall	0.09		
438	Interior Perimeter	South Men Bathroom	Ceramic	Red	Floor Tile	0.05		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
439	Interior Perimeter	South Men Bathroom	Ceramic	White	Toilet	0.21		
440	Interior Perimeter	South Men Bathroom	Ceramic	White	Toilet	0.10		
441	Interior Perimeter	South Men Bathroom	Ceramic	White	Toilet	0.28		
442	Interior Perimeter	South Men Bathroom	Ceramic	White	Sink	0.06		
443	Interior Perimeter	South Men Bathroom	Ceramic	White	Sink	0.20		
444	Interior Perimeter	South Men Bathroom	Ceramic	White	Stahl	0.10		
445	Interior Perimeter	South Women Bathroom	Concrete	White	Paint, Wall A	0.07		
446	Interior Perimeter	South Women Bathroom	Concrete	White	Paint, Wall B	0.06		
447	Interior Perimeter	South Women Bathroom	Concrete	White	Paint, Wall C	0.23		
448	Interior Perimeter	South Women Bathroom	Concrete	White	Paint, Wall D	0.05		
449	Interior Perimeter	South Women Bathroom	Concrete	White	Paint, Ceiling	0.24		
450	Interior Perimeter	South Women Bathroom	Concrete	White	Paint, Divider Wall	0.23		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
451	Interior Perimeter	South Women Bathroom	Concrete	Red	Floor Tile	0.09		
452	Interior Perimeter	South Women Bathroom	Concrete	White	Toilet	0.11		
453	Interior Perimeter	South Women Bathroom	Concrete	White	Toilet	0.17		
454	Interior Perimeter	South Women Bathroom	Concrete	White	Toilet	0.09		
455	Interior Perimeter	South Women Bathroom	Concrete	White	Sink	0.26		
456	Interior Perimeter	South Women Bathroom	Concrete	White	Sink	0.06		
457	Interior Perimeter	South Women Bathroom	Concrete	White	Sink	0.07		
458	Interior Perimeter	South Women Bathroom	Wood	Brown	Paint, Door	0.13		
459	Interior Perimeter	South Women Bathroom	Wood	Brown	Paint, Door	0.05		
460	Interior Perimeter	South Women Bathroom	Wood	Brown	Paint, Door Frame	0.21		
461	Interior Perimeter	South Women Bathroom	Wood	Brown	Paint, Door Frame	0.07		
462	Interior Perimeter	North Men Bathroom	Concrete	White	Paint, Wall A	0.07	_	

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
463	Interior Perimeter	North Men Bathroom	Concrete	White	Paint, Wall B	0.19		
464	Interior Perimeter	North Men Bathroom	Concrete	White	Paint, Wall C	0.06		
465	Interior Perimeter	North Men Bathroom	Concrete	White	Paint, Wall D	0.29		
466	Interior Perimeter	North Men Bathroom	Concrete	White	Paint, Ceiling	0.26		
467	Interior Perimeter	North Men Bathroom	Concrete	White	Paint, Divider Wall	0.24		
468	Interior Perimeter	North Men Bathroom	Concrete	Red	Floor Tile	0.18		
469	Interior Perimeter	North Men Bathroom	Concrete	White	Toilet	0.05		
470	Interior Perimeter	North Men Bathroom	Concrete	White	Toilet	0.20		
471	Interior Perimeter	North Men Bathroom	Concrete	White	Toilet	0.14		
472	Interior Perimeter	North Men Bathroom	Concrete	White	Sink	0.26		
473	Interior Perimeter	North Men Bathroom	Concrete	White	Sink	0.28		
474	Interior Perimeter	North Men Bathroom	Wood	Brown	Paint, Door	0.24		

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
475	Interior Perimeter	North Men Bathroom	Wood	Brown	Paint, Door Frame	0.16		
476	Interior Perimeter	North Women Bathroom	Concrete	White	Paint, Wall A	0.11		
477	Interior Perimeter	North Women Bathroom	Concrete	White	Paint, Wall B	0.29		
478	Interior Perimeter	North Women Bathroom	Concrete	White	Paint, Wall C	0.23		
479	Interior Perimeter	North Women Bathroom	Concrete	White	Paint, Wall D	0.15		
480	Interior Perimeter	North Women Bathroom	Concrete	White	Paint, Ceiling	0.16		
481	Interior Perimeter	North Women Bathroom	Concrete	White	Paint, Divider Wall	0.24		
482	Interior Perimeter	North Women Bathroom	Concrete	Red	Floor Tile	0.22		
483	Interior Perimeter	North Women Bathroom	Concrete	White	Toilet	0.29		
484	Interior Perimeter	North Women Bathroom	Concrete	White	Toilet	0.08		
485	Interior Perimeter	North Women Bathroom	Concrete	White	Toilet	0.01		
486	Interior Perimeter	North Women Bathroom	Concrete	White	Sink	0.08		

### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March 15, 2024* XRF Serial No. *117328* 

**Project Description: LBP inspection** 

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
487	Interior Perimeter	North Women Bathroom	Concrete	White	Sink	0.23		
488	Interior Perimeter	North Women Bathroom	Concrete	White	Sink	0.06		
489	Interior Perimeter	North Women Bathroom	Wood	Brown	Paint, Door	0.11		
490	Interior Perimeter	North Women Bathroom	Wood	Brown	Paint, Door Frame	0.04		
491	Interior Perimeter	Cubicle 1	Wood	White	Paint, Low Wall A	0.22		
492	Interior Perimeter	Cubicle 1	Wood	White	Paint, Low Wall B	0.11		
493	Interior Perimeter	Cubicle 1	Wood	White	Paint, Low Wall C	0.07		
494	Interior Perimeter	Cubicle 1	Wood	White	Paint, Low Wall D	0.18		
495	Interior Perimeter	Cubicle 1	Wood	White	Paint, Divider Wall	0.29		
496	Interior Perimeter	Cubicle 1	Wood	No Paint	Floor	0.20		
497	Interior Perimeter	Mechanic Cubicle	Wood	White	Paint, Low Wall A	0.11		
498	Interior Perimeter	Mechanic Cubicle	Wood	White	Paint, Low Wall B	0.01		
499	Interior Perimeter	Mechanic Cubicle	Wood	White	Paint, Low Wall C	0.03		
500	Interior Perimeter	Mechanic Cubicle	Wood	White	Paint, Low Wall D	0.08		
501	Interior Perimeter	Mechanic Cubicle	Wood	White	Paint, Divider Wall	0.04	_	

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)

#### **XRF Form for Lead Base Paint Inspection**

Customer Name: PRIDCO Project Name: Bluewater Defense T090506800 PW: 8004 DI: 219023

Contact: Isander Silva Torres Total Samples: 519

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 15, 2024 XRF Serial No. 117328

Project Description: LBP inspection

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
502	Interior Perimeter	Mechanic Cubicle	Wood	No Paint	Floor	0.23		
503	Interior Perimeter	Bldg 3 Access Hall	Concrete	White	Paint,Wall B	0.26		
504	Interior Perimeter	Bldg 3 Access Hall	Concrete	White	Paint, Wall C	0.30		
505	Interior Perimeter	Bldg 3 Access Hall	Concrete	No Paint	Floor	0.18		
506	Interior Perimeter	Bldg 3 Access Hall	Concrete	White	Paint, Ceiling	0.04		
507	Exterior Perimeter	Perimeter Area	Concrete	Gray	Electric Generator Shack Wall A	0.26		
508	Exterior Perimeter	Perimeter Area	Concrete	Beige	Paint, Shack Bench	0.18		
509	Exterior Perimeter	Perimeter Wall A	Metal	Red	Paint, Walkway to Bldg Handrail	0.16		
510	Exterior Perimeter	Perimeter Wall A	Metal	White	Paint, Window	0.13		
511	Interior Perimeter	Main Area	Concrete	Beige	Paint, Wall A	0.22		
512	Interior Perimeter	Main Area	Metal	Beige	Paint, Crossbeam	0.19		
513	Interior Perimeter	Administration Area	Drywall	Beige	Paint, Office Divider Wall	0.11		
514	Interior Perimeter	Cafeteria	Drywall	Beige	Paint, Wall A	0.09		
515	Interior Perimeter	Cubicle 1	Wood	White	Paint, Divider Wall	0.31		
516	Interior Perimeter	Bldg 3 Access Hall	Concrete	White	Paint, Wall C	0.28		

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)

XRF Form for Lead Base Paint Inspection
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Customer Name:	PRIDCO	Project Name:	Bluewater Defense T090506800 PW: 8004 DI: 219023
Contact:	Isander Silva Torres	Total Samples:	519
Phone / Fax/Email:	(787)-219-7397	Bldg/Structure:	All
Collected By:	Emilio Pinella	Floor:	All
Date:	March 15, 2024	XRF Serial No.	117328
	-		

**Project Description: LBP inspection** 

	Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
ĺ	517	Calibration					0.9		
	518	Calibration					1.1		
I	<b>519</b>	Calibration					1.0		

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)



# **APPENDIX III. COMPANY AND INSPECTOR CREDENTIALS**



### **COMPANY CREDENTIALS**





### **INSPECTOR CREDENTIALS**





# **APPENDIX IV. XRF PCS**









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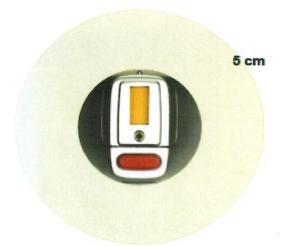
# Thermo Scientific Portable XRF Analyzers Isotope Radiation Survey Certificate

Instrument Model: XLp 300A
Instrument S/N: 117328

Detector Model: RadEye B20-ER

Detector S/N: 0213

Calibration Date: 4/5/2022



<b>Dose rate (μrem/hr)*</b> (100.0 μrem = 0.1 mrem = 1.0 μSv)				
Background	5 cm			
12	0			

<sup>\*</sup>All recorded measurements are net above background.

• Dose rate measurements taken at 360° perpendicular to instrument with the shutter closed (i.e., sources in the shielded position.

\*\* The survey results indicate that the dose rate does not exceed 0.05 milirem per hour at any point 5 cm [< 50  $\mu$ mm/hr at 5 cm] from the surface of the device.

Conducted by: David Nop

**Survey Date:** 

9/12/2022

TODAY

Thermo Scientific

2 Radcliff Road Tewksbury MA 01876

+1 978-670-7460

www.thermoscientific.com/pai

Portable Analytical Instruments

USA

+1 978-670-7430 fax

800-875-1578 (toll free)



#### **Certificate of Calibration**

Paint QC Sheet Document #: 140-00206 Revision: F1

Revision Date: 7 July 2020

 Serial Number:
 117328
 Model: Niton XLp 300A
 Software: 5.2F-Dual
 Date of Q.C.:
 9/13/2022

 Resolution:
 381.79
 Escale: 4.5
 Source: CD-109
 Inspector: RC

K+L 20 Sec Readings

Std	L	Lerr	K	Kerr	DI	L Status	K Status
1.0 Surface Wood-1	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Surface Wood-2	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Buried Wood-1	1.00	0.10	1.40	0.40	2.2	OK	OK
1.0 Buried Wood-2	1.00	0.10	1.20	0.40	2.2	OK	OK
Blank Wood-1	0.00	0.02	0.30	0.37	1.5	OK	OK
Blank Wood-2	0.02	0.04	0.30	0.36	4.7	OK	OK
3.5 Surface Wood-1	3.50	0.20	3.60	0.60	1.2	OK	OK
3.5 Surface Wood-1	3.70	0.20	3.60	0.60	1.3	OK	OK
0.3 Surface Concrete-1	0.30	0.03	0.40	0.60	1.0	OK	OK
0.3 Surface Concrete-2	0.28	0.03	0.40	0.60	1.0	OK	OK
Steel-1	0.04	0.07	-0.05	0.60	10.0	OK	OK
Steel-2	0.06	0.09	0.14	0.60	10.0	OK	OK
Pure Pb-1	10.10	3.60	82.00	2.70	1.7	OK	OK
Pure Pb-2	10.10	2.80	83.90	2.70	1.7	OK	OK
1.0 Surface Drywall-1	1.10	0.10	1.30	0.40	1.1	OK	OK
1.0 Surface Drywall-2	1.10	0.10	1.40	0.40	1.1	OK	OK

#### K+L 20 Sec Readings

Std	Time	Result	
Drywall-1	3.38	0.00	OK
Drywall-2	3.37	0.00	OK
French Plaster-1	3.37	0.00	OK
French Plaster-2	3.37	0.00	OK

This certificate is issued in accordance with Thermo Fisher Scientific factory specifications. The measurements were found to be within specification limits at the time of manufacture and calibration.

Standards are traceable to National Institute of Standards & Technology (NIST) standards.

Signed:

Steve Introne Director of Quality and Regulatory



### SEALED SOURCE LEAK TEST CERTIFICATE

Certificate #:

7273

LEAK TEST LABORATORY INFORMATION					
COMPANY NAME THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS					
LICENSE NUMBER	MASSACHUSETTS 55-0238	CONTACT NAME/ASST.RSO Jose Hernar			
ADDRESS	2 RADCLIFF ROAD	<b>CONTACT NUMBER</b>	978-5	513-3634	
	TEWKSBURY MA 01876	FAX NUMBER	978-6	570-7411	

A copy of certificate should be maintained for a minimum of 3 years and for inspection by the regulatory agency.

#### SAMPLE KIT INFORMATION

Sample ID #: N-7132

Sample date: 8/31/2022

#### **SEALED SOURCE INFORMATION**

E 1 0 7: 1

**DEVICE/ANALYZER INFORMATION** 

Eckert & Ziegler Device make : Thermo Scientific Portable XRF Analyzers

Device model : XLp

Source model :

Manufacturer:

XCd9.06 TR4893

Serial number :

117328

Source serial number : Radioisotope :

Cd-109

11/15/2022

Activity (mCi):

Assay Date:

40

#### **LEAK TEST RESULT:**

Analysis of the above sample kit on date 8/3 I/

8/3 1/2022 yield the following result:

/	The analysis of the radioactive material of this leak test sample indicated the activity preson	ent is les
<b>✓</b>	than 0.005 uCi (or 185 Bq). The source may be used as authorized.	

Statistical analysis of the radioactive count data of this leak test sample indicated the activity present is greater than 0.005 uCi (or 185 Bq). This source should be considered leaking. Consult your device operations procedure; place this source in storage or quarantine area and make the required notification to your regulatory agency.

#### **DEVICE/SOURCE LEAK TEST IS DUE ON OR BEFORE**

2/28/2023

Leak test performed by: David Nop

Certified by:

Ronald Cardarelli

Ronald Cardarelli, RSO, CN

Date:

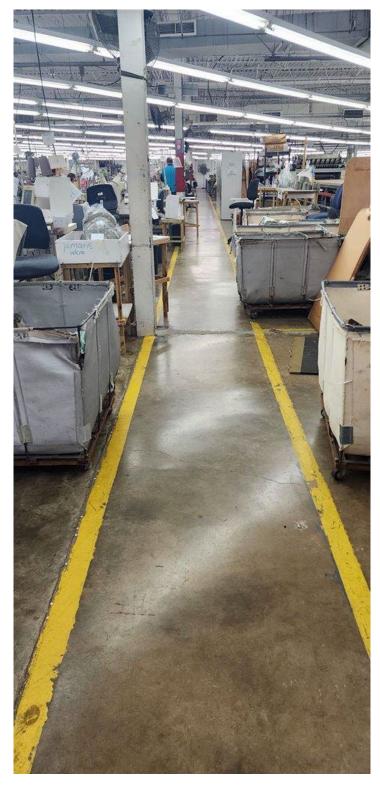
8/31/2022

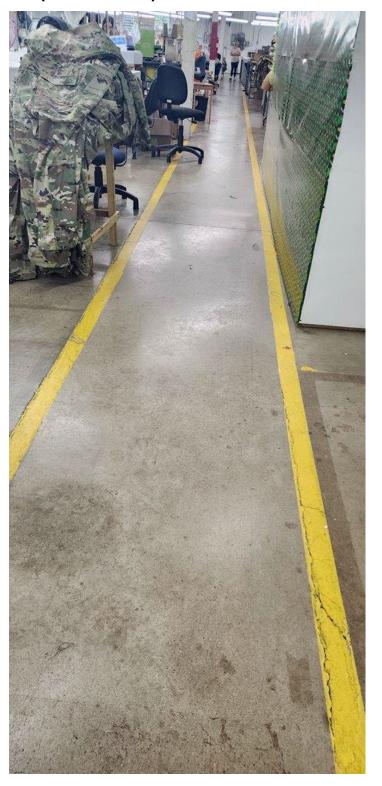


# APPENDIX V. GENERAL VIEW PICTURES OF POSITIVE XRF READINGS



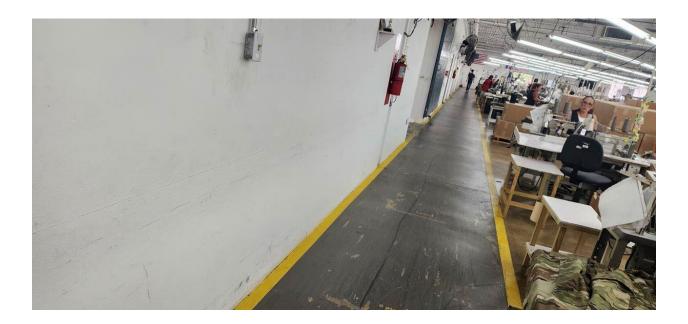
# GENERAL VIEW OF POSITIVE INTERIOR, YELLOW, FLOOR GUIDE LINES (300 If total)





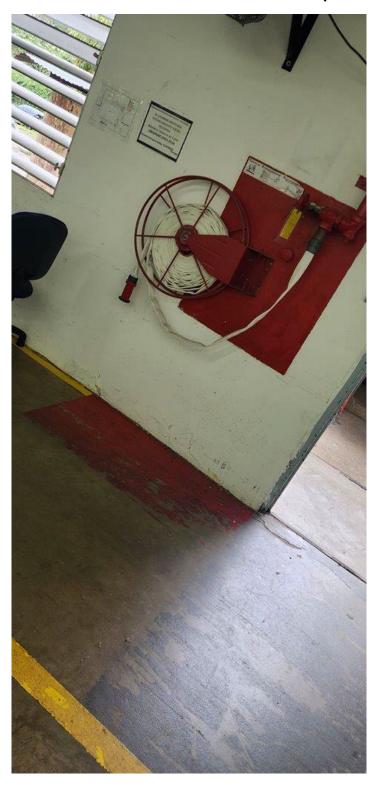








# GENERAL VIEW OF POSITIVE INTERIOR, RED, FIRE EXTINGUISHER STATIONS (100 If)





# GENERAL VIEW OF POSITIVE MAINTENANCE ROOM, CERAMIC, WHITE, UTILITY SINK (1 unit)





# GENERAL VIEW OF POSITIVE EXTERIOR, METAL, RED, WATER SYSTEM PIPING 12" (1 unit)





# ENVIRONMENTAL SURVEY FOR ASBESTOS CONTAINING MATERIALS

BLUEWATER DEFENSE T090506800 PW: 8004 / DI: 219023 Cibuco Wards Corozal, P.R.



**Prepared for:** 

**PRIDCO** 

Prepared by:

INTEGRATED GLOBAL SOLUTIONS
March 2024

## **Table of Contents**

I. Summar	У
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- II. Introduction
- III. General Background
- IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)
- V. Project Identification/Description
- VI. Methods of Building Inspections
- VII. Sampling Methods
- VIII. Inspection Results
- IX. Conclusions
- X. Conditions, Limitations and Disclaimer
- XI. Appendixes

Appendix I. General View of Inspected Structures

Appendix II. Laboratory Results

Appendix III. Accreditations

Appendix IV. General View of ACM Positive Samples

### I. Summary

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 15, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The tenant of this facility is Bluewater Defense T090506800. The purpose of this survey included sampling and physical evaluations of suspicious ACM material. To identify ACM on the structure scheduled for demolition to complete improvements to the structure.

This survey report can help owners develop a plan for eliminating any asbestos hazards that were found and may aid in establishing ongoing asbestos containing materials maintenance and re-evaluation program, if needed.

# MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING THE SURVEY. SEE TABLE 1.1.

Sample No.	Sample Location	Sample Description	Asbestos Fibers Detected
219023-031524-03	General Manager Office, Vinyl/Ceramic Tile and Glue	Hard, Compact, Partly Granular with Black	Chrysotile 2

### II. Introduction

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 15, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The asbestos investigation was conducted by Emilio Pinella an AHERA Certified Asbestos Building Inspector (License number ASB-0124-0011-SI).



### III. General Background

Asbestos was used in the construction industry from 1900 to 1989. It is still used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessarily constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other everyday activity that allows fibers to be released into the environment, then a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with various types of lung diseases including a debilitating disease called asbestosis; a rare cancer of the chest called mesothelioma; and cancers of the esophagus, stomach, colon, and other organs. Asbestos is not fatal; it is, however, incurable. One who has it cannot breathe easily, and physical activity becomes limited. Mesothelioma is 100% fatal, as there is no cure.

These diseases can be directly linked to the mineral of asbestos in the particle form that can be found in the lining of the lung and stomach, since the body cannot absorb these minerals. Tests have determined that asbestos can cause cancer, but scientists disagree on the amount of asbestos fibers that must be inhaled to cause cancer. The nose filters out all visible particles. Therefore, only microscopic fibers are the ones who cause the problem. Studies indicate different health effects resulting from exposure to chrysolite asbestos versus exposure to amphibole form of asbestos. The latter, which include tremolite, amosite, anthophyllite and crocidolite have more significant health impact than chrysolite.

Some scientists' studies concluded that the dimensions of the fiber which ones enter in the lung area, resulting in cancer. Long, thin fibers, greater than 8 microns in length and less than 0.25 microns in diameter show the highest potential of cancer development.

# IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)

The EPA's rules concerning the application, removal, and disposal of ACM, as well as manufacturing, spraying, and fabricating of ACM were issued under the asbestos NESHAP regulation, under the 40 CFR 61 Subpart M on October 30, 1997. The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before the building is demolished and may require its removal before renovation. If friable ACM shall be disturbed, the NESHAP rule may require appropriate work practice, or procedures for emission control. The rules state that any ACM which may become friable poses a potential hazard that should be addressed.

A revised NESHAP ruling released on November 20, 1990 (effective on February 20, 1991) which includes the responsibility of the owner, or operator, to "prior to commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II non-friable ACM" (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

# V. Project Description / Identification

This project consists of the premises and buildings located at Cibuco Wards, Corozal, P.R.

## VI. Method of Building Inspection

The visual inspection was conducted according to the condition of ACM in that location and the potential for material disturbance. The assessment scheme followed the recommendations by EPA as a result of the Asbestos Hazard Emergency Response Act and outlined in the 40 CFR Part 763.88 dated October 30, 1987, and amended by 40



CFR Part 61, NESHAP (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

The functional space was visited and visually inspected to identify the location of any suspected ACM. An assessment was then made of the friability of suspected ACM by touching the material to determine if it could be pulverized, crumbled, or reduced to powder by hand pressure. Upon completion of the suspect material and grouped into "homogenous sampling areas", i.e., areas which are uniform by color, texture, construction/application date and general appearance.

#### ACM was categorized as follow:

- 1. Category I, non-friable containing materials (ACM). This includes asbestos containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos.
- 2. Category II, non-friable ACM. This includes any materials, excluding Category I non-friable ACM containing more than 1% asbestos, that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- 3. Friable asbestos materials. This includes any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Physical hazard assessment was performed based on AHERA regulations. This protocol provides separate analysis for three types of materials: surfacing, thermal insulation and miscellaneous. However, this protocol does not provide a means for relative ranking of individual hazards within the category. Therefore, a separate analysis was performed to assess hazard ranking which could be used for this type of material. The hazard assessment combines the level of potential disturbance with the current condition of ACM to indicate overall hazard potential.

The rankings of potential hazards range from 1-most hazardous to 7-least hazardous. The highest rank is reserved for ACM, which is significantly damaged. A review of the definition of "significant damage" reveals that the definitions are designed to identify ACBM, which is so extensively damaged or deteriorated, that requires immediate corrective action. Hazard rank 2-4 reflects ACBM, which is damaged as defined AHERA, with rank 2 indicating a "potential for significant damage" and rank 3 indicating a "potential for damage". Hazard ranks 5-7 are reserved for ACBM currently in good condition, but with a range in the likelihood for future disturbance.

### VII. Sampling Methods

An asbestos visual survey was conducted for the suspected ACM for one (1) facility located at Cibuco Wards, Corozal, P.R.

## VIII. Conclusions

# MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING THE SURVEY.

# IX. Conditions, Limitations and Disclaimer

Integrated Global Solutions has performed this Asbestos Containing Materials Survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey.

The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.



**APPENDIX I. GENERAL VIEW OF INSPECTED STRUCTURE** 



# BLUEWATER DEFENSE T090506800 FACILITIES





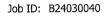
**APPENDIX II. Laboratory Results** 



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907

PH. (787) 722-0220 Fax (787) 724-5788





Elme Rivera

#### REPORT NUMBER

RP24040904

### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Integrated	d Global Solutions		Date Collected:	03/15/2024	
Project Name:	BLUE WAT DI:21923	TER DEFENSE LOT2 COROZAL PW:	8004	Date Received:	03/22/2024	
Project ID:						
		RESULT OF ANALY	SIS (BY 9	% AREA VISUAL	ESTIMATE)	
Lab S Client Sample ID	ample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
<b>B24030040.01</b> B24030040.01.A 219023-031524-01 Layer % of Total ::	100%	Hard, Compact, Partly Granular with Other - Glue and Fibers Cream	No		Cellulose 2	Sand/Aggregates 25 Glue 5 Binders/Paint 68
Date Analyzed: 03		60 Pl V 11T1 - 101				
Sample Location: Comments:	Admin O	ffices Floors, Vynil Tile and Glu	ie			
<b>B24030040.02</b> B24030040.02.A 219023-031524-02 Layer % of Total ::		Hard, Ceramic with Glue Brown	No			Glue 10 Binders/Paint 90
Date Analyzed: 03						
Sample Location: Comments: Ceramic Include	Men's Ba	throom Ceramic Tile and Glue				
<b>B24030040.03</b> B24030040.03.A 219023-031524-03 Layer % of Total :		Hard, Compact, Partly Granular with Glue Other - and Fibers Cream	No		Cellulose 2	Sand/Aggregates 25 Glue 5 Binders/Paint 68
Date Analyzed: 03	/27/2024					
Sample Location:	General N	Manager Office, Vynil/Ceramic	Tile and G	lue		

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

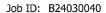
Elme Rivera



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







#### **REPORT NUMBER**

RP24040904

#### POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

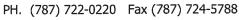
Client Name:	Name: Integrated Global Solutions			03/15/2024			
Project Name:	BLUE WATER DEFENSE LOT2 COROZAL PW:8004 DI:21923		Date Received:	03/22/2024			
Project ID:		-					
	RESULT OF AN	ALYSIS (BY	% AREA VISUAL	ESTIMATE)			
Lab Sa Client Sample ID	ample ID Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material		
<b>24030040.03</b> 24030040.03.B 19023-031524-03 ayer % of Total:	Hard, Compact, Partly Grant with Black Other - Mastic and Fibers Brown	ılar Yes	Chrysotile 2	Cellulose 2	Bitumen 5 Sand/Aggregates 25 Glue 4 Binders/Paint 62		
ate Analyzed: 03	/27/2024						
ample Location: omments: Asbestos Found i	General Manager Office, Vynil/Ceram n Bitumen	nic Tile and G	lue				
<b>24030040.04</b> 24030040.04.A 19023-031524-04 ayer % of Total :1	Hard, Compact, Partly Grant with Other - Glue and Fibers Cream 00%	ılar No		Cellulose 2	Sand/Aggregates 25 Glue 5 Binders/Paint 68		
ate Analyzed: 03,	·						
·	DoD Office, Vynil Tile and Glue						
comments: 24030040.05 24030040.05.A 19023-031524-05 ayer % of Total :1	Hard, Compact, Partly Granu with Glue Other - and Fibers White 00%	ılar No		Cellulose 2	Sand/Aggregates 25 Glue 6 Binders/Paint 67		
ate Analyzed: 03,	27/2024						
ample Location: omments:	Cafeteria Eating Area (wht), Vynil Til	e and Glue	_				
		9					
MICROANALYST:	A Cius		OUALITY	CONTROL:	A Vius		
	Elme Rivera		-	-	Elme Rivera		

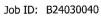
PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.



#### ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907







Elme Rivera

#### REPORT NUMBER

RP24040904

	POLARIZED LIGHT MICRO	SCOPY (PLM	I) BULK SAMPL	E ANALYSIS REI	PORT	
Client Name: Integrated Global Solutions I			Date Collected:	03/15/2024		
Project Name:	BLUE WATER DEFENSE LOT2 COROZAL PW:800- DI:21923		Date Received:	03/22/2024		
Project ID:						
	RESULT OF A	NALYSIS (BY	% AREA VISUAL	ESTIMATE)		
Lab S Client Sample ID	ample ID Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material	
<b>B24030040.06</b> B24030040.06.A 219023-031524-06 Layer % of Total:	Drown	nular No		Cellulose 2	Sand/Aggregates 20 Glue 5 Binders/Paint 73	
Date Analyzed: 03 Sample Location: Comments:	3/27/2024 Break Room, Vynil Tile and Glue					
<b>B24030040.07</b> B24030040.07.A 219023-031524-07 Layer % of Total: Date Analyzed: 03	Lt. Gray 100%	nular No		Cellulose 2	Sand/Aggregates 25 Glue 5 Binders/Paint 68	
Sample Location:	Cafeteria Eating Area (Blue), Vynil	Tile and Glue				
Comments:	Careteria Lating Mea (Bide), Vyim	The and Glac				
Comments: For all heterogeneou Samples are analyze	s and layered samples easily separated into sublay d by PLM using dispersion staining techniques in a	ers, each componer ccordance with US E	nt is analyzed and report PA methods App. E to S	ed separately. ub. E of 40 CFR Part 763 a	and EPA/600/R-93/116.	
MICROANALYST:	A livs		QUALITY	CONTROL:	A Airs	

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

Elme Rivera



# INTEGRATED GLOBAL SOLUTIONS 90 Road 155 Suite 307 ClM, Tower 2 Gunynabo, PR 00968 T 787-993-7777 787-893-8887 | F 787 693 0888 www.integrated-corp.com

#### CHAIN OF CUSTODY (TRANSMITTAL SHEET FOR SAMPLES)

1 of 1 COC#:

Customer Name:	PRIDCO NORTH			Project Name:	BLUE WAT	ER DEFENS	SE LOT2 COROZ.4	L PW.	: 8004 DI: 2	19023			
Contact:	Isander Silva Torres		Total Samples:		7	,		Job Numbe	r:				
Phone/Fax/E-mail:	(787)-219-7397 / Isilva(a	9-7397 / isilva@integrated-corp.com		EQB Certifled Inspector I	D:	AS	ASB-0523-0195-SI			Remarks:			
Collected by:	Emilio Pinella/epinella(	milio Pinella/epinella@integrated-corp.com			Structure	Address:							
Analized by Lab:				COROZAL, PR			Bulk Samples						
AllIA Lab ID:					COROZ	AL, PK							
Project Description:	Bulk Samples from B	LUE WATEI	R DFENSE LOT2, COROZ	ZAL .									
Sample No.	Date	Time	Sample Description				II.	Water	Sample	Type:	Paint Chip	TCLD	
								ulk	Water	Wipe	Soli	PaintCmp	2403
219023-031524-01	15-Mar-2024	12:00 PM	Ac	Admin Offices floors, vynil tile and glue				X					.01
219023-031524-02	15-Mar-2024	12:05 PM	Men's bathroom ceramic tile and glue					X					02
219023-031524-03	15-Mar-2024	12:15 PM	General Manager Office, vynil/ceramic tile and glue					X					03
219023-031524-04	15-Mar-2024	12:30 PM	DoD Office, vynil tile and glue				X					04	
219023-031524-05	15-Mar-2024	12:45 PM	Cafeteria eating area (wht), vynil tile and glue				X					os	
219023-031524-06	15-Mar-2024	1:10 PM	Break room, vynil tile and glue				X					06	
219023-031524-07	15-Mar-2024	1:25 PM	Cafeteria eating area (blue), vynil tile and glue				X					OF	
	11-												
Turn Around Tin	ne: Normal: X 3	days	Rush:	24 hours	R	ush:	_16 hours						
Sampling Collected by:	Relinquished by:	Received by:		Relinquished by:	Received by Delivery to Lab by:				Recoived at Labber				
Emilio Pinella	Andres Cardona										Jeni		era
Date: Time:	Date: Time:	Date:	Time:	Date: Time:	Date: Ti	me:	Date:	Tin	ie:		Date:		Time:
03/15/24   12:00 PM	03/15/24 2:45 PM	L									311	154 13	:32





# **APPENDIX III. ACREDITATIONS**



## **INSPECTOR CREDENTIALS**



ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

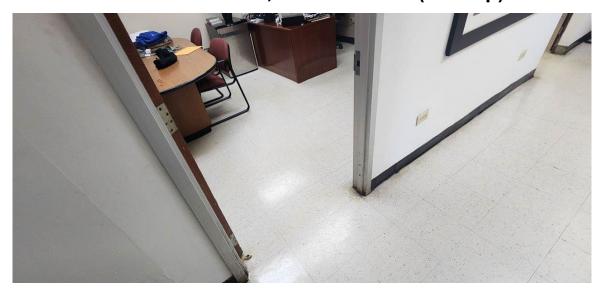
Firma Autorizada - Departamento Recursos Naturales y Ambientales



APPENDIX IV. GENERAL VIEW OF ACM POSITIVE SAMPLES



# GENERAL VIEW OF POSITIVE GENERAL OFFICE MANAGER, VYNIL/CERAMIC, TILE & GLUE (324 sqf)







# **ENVIRONMENTAL SURVEY FOR LEAD BASE PAINT**

# **BLUEWATER DEFENSE T123007700**

PW: 8004 / DI: 219024 Cibuco Wards Corozal, P.R.



Prepared for:

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

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- II. Introduction
- III. Lead Base Paint Testing Methodology
- IV. Testing Procedure
- V. Results
- VI. Conclusions
- VII. Recommendations
- VIII. Appendixes

Appendix I General View Pictures of Inspected Structures

Appendix II XRF Data

Appendix III Company and Inspector Credentials

Appendix IV XRF PCS

Appendix V Negative LBP Certification



## I. Summary

An environmental survey for Lead Base Paint (LBP) components was conducted by Integrated Global Solutions on March 19, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T123007700. The purpose of this survey was to identify LBP coating on the structures to be scheduled for demolition or renovation. The survey was conducted following applicable portions of the Housing Urban Development Guidelines. The scope of the survey included detection of LBP components if present in painted components and 100% testing of all surface's components if present in painted structures or appurtenances.

One commercial space was tested. The survey, performed with an XRF instrument manufactured by Thermo Scientific, was conducted using 100% of testing.

The Lead Base Paint Inspection was performed to identify paint that contains lead above the allowable levels that could result in harm to construction personnel and workers, this survey report helps owners to develop a plan for eliminating any lead base paint hazards and re-evaluation program, if needed.

NO LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME OF THIS SURVEY.

#### II. Introduction

An environmental survey for Lead Base Paint (LBP) Components was conducted by Integrated Global Solutions on March 19, 2024, of the premises and buildings located at Cibuco Wards, Corozal, P.R. The tenant of the facility is Bluewater Defense T123007700. The scope of the survey included LBP testing of components for several structures which are scheduled to be demolished or remodeled.



The LBP investigation was conducted by Emilio Pinella, an EQB certified LBP inspector under license No. LBPI-22923-290. The credentials of Integrated Global Solutions, Inc. and of LBP inspector are attached in Appendix III.

## III. Lead Based Paint Testing Methodology

The lead base paint testing protocol officially available at this time was published by HUD initially in 1990, revised in 1991 and finalized in 1995 (see above HUD reference). A revised Chapter 7 was published in 1997. In accordance with the new protocol, almost all surfaces present in the units have to be tested. The above guidelines were used to perform lead-based paint testing of this project.

The hazard level of lead in paint has been determined by the Department of Housing & Urban Development (HUD) to be 1.0 mg/cm2, as measured by an XRF or Atomic Absorption Spectroscopy (AAS), or 0.5% by weight (0r 5,000 ppm) as measured by

the AAS, or Inductive Coupled Plasma (ICP). The same level was adopted by EPA regulations published in 1992 under Title X.

#### The main steps involved in a multi-family inspection are:

- Select the painted area to be tested.
- Classify XRF and paint chip results.
- Collect and analyze paint chip samples, for inconclusive results.
- Classify paint chip results.
- Review and evaluate the data.
- Report findings.

## IV. Testing Procedure

For this survey the painted components testing was performed with a Thermo Scientific XRF NITON XLP 300A fluorescent instrument (Serial number 117328). The instrument operates in two modes: standard mode and time corrected mode

(Lead in Paint K+L variable reading time mode). The standard is a method selected for the NIST reference readings to ensure that the instrument is working according to the manufacturer performance characteristics sheet (PCS). The selected mode for sampling of components was time corrected mode (Lead in Paint variable reading time mode), which allows reference to the abatement level set 1.0 mg/cm2. The results are reported at a 95% confidence level and the quality of the testing verified according to the manufacturer recommendations.

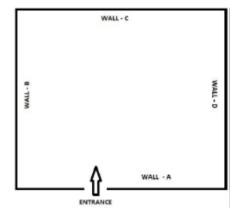
#### NOTE:

If the results of the surface analyzed by the XRF Spectrum Analyzer are less than 1.0 mg/cm2 it is considered negative.

If the results of the surface analyzed by the XRF Spectrum Analyzer are equal or greater than 1.0 mg/cm2 it is considered positive.

In case of inconclusive results, Paint Chip (sample of the past) will be analyzed at a certified laboratory and reported by weight of ppm.

Component sampling was conducted using a clockwise path for all spaces including exterior sides of selection as per the following figure:



#### V. Results

The results of the tested components are shown in Appendix II. A total of three hundred and fifteen (315) XRF readings were taken. No LBP components were found at the time of this survey.

#### VI. Conclusions

LBP survey was conducted for Bluewater Defense T123007700 facilities located at Cibuco Wards, Corozal, P.R.

## NO LEAD BASE PAINT COMPONENTS WERE FOUND AT THE TIME THIS SURVEY

The LBP survey relates to surfaces accessible and not covered by rigid barriers. Should any hidden surfaces or components be present, they must be assumed to be painted with LBP or with positive results.

#### VII. Conditions and Limitations – Disclaimer

Integrated Global Solutions has performed this lead base paint survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey. The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.



## VIII. Recommendations

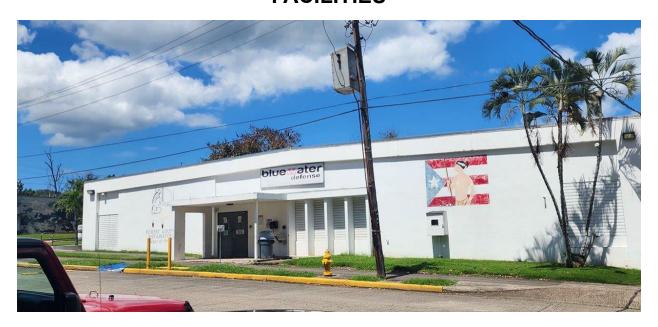
According to the PREQB lead regulations, prior to demolishing a structure containing lead base paint, the contaminated surfaces or substrates must be abated or removed. The waste generated has to be characterized to determine if the waste generated is hazardous or non-hazardous waste according to the regulation. The firm contracted to provide the abatement services must be certified and certified as abatement workers and supervisors by a training provider accredited by PREQB.



**APPENDIX I. GENERAL VIEW OF INSPECTED STRUCTURE** 



# BLUEWATER DEFENSE T123007700 FACILITIES





## **APPENDIX II. XRF DATA**

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
Calibration					1.0		
Calibration					0.80		
Calibration					1.20		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Loading Dock Low Wall	0.12		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Loadin Dock High Wall	0.17		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Loadin Dock High Wall	0.26		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Access Ramp Low Wall	0.23		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Access Ramp Low Wall	0.25		
Exterior Perimeter	Loading Dock	Concrete	White	Water and Gas Tank Low Base	0.18		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Break Shack, Bench	0.19		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Break Shack, Bench	0.26		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Break Shack, Bench	0.17		
Exterior Perimeter	Loading Dock	Concrete	White	Paint, Break Shack, Bench	0.07		
Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Walkwway Handrail	0.07		
Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Break Shack, Support Pole	0.08		
Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Break Shack, Support Pole	0.03		
Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Break Shack, Support Pole	0.27		
	Calibration Calibration Calibration Exterior Perimeter	Calibration Calibration Exterior Perimeter Loading Dock Exterior Perimeter Perimeter Area Exterior Perimeter Perimeter Area Exterior Perimeter Perimeter Area	Calibration         Calibration       Loading Dock       Concrete         Exterior Perimeter       Perimeter Area       Metal         Exterior Perimeter       Perimeter Area       Metal         Exterior Perimeter       Perimeter Area       Metal	CalibrationCalibrationExterior PerimeterLoading DockConcreteWhiteExterior PerimeterPerimeter AreaMetalRedExterior PerimeterPerimeter AreaMetalRedExterior PerimeterPerimeter AreaMetalRed	CalibrationCalibrationExterior PerimeterLoading DockConcreteWhitePaint, Loading Dock Low WallExterior PerimeterLoading DockConcreteWhitePaint, Loadin Dock High WallExterior PerimeterLoading DockConcreteWhitePaint, Loadin Dock High WallExterior PerimeterLoading DockConcreteWhitePaint, Access Ramp Low WallExterior PerimeterLoading DockConcreteWhitePaint, Access Ramp Low WallExterior PerimeterLoading DockConcreteWhiteWater and Gas Tank Low BaseExterior PerimeterLoading DockConcreteWhitePaint, Break Shack, BenchExterior PerimeterPerimeter AreaMetalRedPaint, Walkwway HandrailExterior PerimeterPerimeter AreaMetalRedPaint, Break Shack, Support PoleExterior PerimeterPerimeter AreaMetalRedPaint, Break Shack, Support Pole	Calibration Calibration Calibration Exterior Perimeter Loading Dock Concrete White Paint, Loadin Dock High Wall O.26 Exterior Perimeter Loading Dock Concrete White Paint, Loadin Dock High Wall O.26 Exterior Perimeter Loading Dock Concrete White Paint, Loadin Dock High Wall O.26 Exterior Perimeter Loading Dock Concrete White Paint, Access Ramp Low Wall O.23 Exterior Perimeter Loading Dock Concrete White Paint, Access Ramp Low Wall O.25 Exterior Perimeter Loading Dock Concrete White Paint, Access Ramp Low Wall O.25 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.19 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.26 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.26 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.19 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.19 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.19 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.26 Exterior Perimeter Loading Dock Concrete White Paint, Break Shack, Bench O.27 Exterior Perimeter Perimeter Area Metal Red Paint, Break Shack, Support Pole O.08 Exterior Perimeter	Calibration  Candition  Calibration  Calibra

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Project Description: LBP inspection

Date: March 19, 2024

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
18	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Break Shack, Support Pole	0.05		
19	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Exterior Bathroom Low Wall	0.09		
20	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Exterior Bathroom Low Wall	0.27		
21	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Exterior Bathroom Low Wall	0.21		
22	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A	0.08		
23	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall B	0.18		
24	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall C	0.23		
25	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall D	0.26		
26	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Soffit	0.23		
27	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Fascia	0.06		
28	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Overhang	0.15		
29	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall B Overhang	0.17		
30	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall C Overhang	0.13		
31	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Overhang Soffit	0.04		
32	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall B Overhang Soffit	0.02		
33	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall D Overhang Soffit	0.14		_
34	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Overhang Fascia	0.13		

XRF Serial No. 117328

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
35	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall B Overhang Fascia	0.09		
36	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall D Overhang Fascia	0.11		
37	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.29		
38	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.04		
39	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.06		
40	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.24		
41	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.12		
42	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.04		
43	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.11		
44	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.22		
45	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.08		
46	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.11		
47	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.06		
48	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.07		
49	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.29		
50	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.23		
51	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.27		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
52	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.05		
53	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Decoration Column	0.15		
54	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Decoration Column	0.07		
55	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Decoration Column	0.25		
56	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Decoration Column	0.25		
57	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Decoration Column	0.11		
58	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Overhang Support Column	0.21		
59	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Overhang Support Column	0.09		
60	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Decoration Column Soffit	0.29		
61	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Decoration Column Fascia	0.28		
62	Exterior Perimeter	Perimeter Walls	Metal	White	Overhang Support Pole Wall A	0.13		
63	Exterior Perimeter	Perimeter Walls	Metal	Green	Paint, Double Door	0.20		
64	Exterior Perimeter	Perimeter Walls	Metal	Green	Paint, Double Door Frame	0.10		
65	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Wall B Door	0.05		
66	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Wall B Door Frame	0.12		
67	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Wall B Top I-Beam	0.06		
68	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paintm Wall D Top I-Beam	0.19		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
<b>69</b>	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.06		
70	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.17		
71	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.04		
72	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.10		
73	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.27		
74	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.22		
75	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.05		
76	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.19		
77	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.15		
78	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.21		
79	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.18		
80	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.21		
81	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.06		
82	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.15		
83	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.05		
84	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Support I-Beam	0.11		
85	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Rain Gutters	0.29		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
86	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Rain Gutters	0.29		
87	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Wall C Awning, Galvalum	0.28		
88	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Loading Dock Awning	0.14		
89	Exterior Perimeter	Perimeter Walls	Metal	Gray	Paint, Wall D Handrail	0.25		
90	Exterior Perimeter	Perimeter Walls	Metal	Blue	Paint, Wall D Door	0.28		
91	Exterior Perimeter	Perimeter Walls	Metal	Blue	Paint, Wall D Door Frame	0.24		
92	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Flashing	0.23		
93	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.09		
94	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.04		
95	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		
96	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		
97	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.21		
98	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.19		
99	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.26		
100	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.25		
101	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.17		
102	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.27		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: March 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
103	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.09		
104	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.12		
105	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.16		
106	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.22		
107	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.28		
108	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.27		
109	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.09		
110	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.22		
111	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.15		
112	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.11		
113	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.14		
114	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.19		
115	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.10		
116	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.04		
117	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.27		
118	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.21		
119	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.14		

Customer Name: PRIDCO Project Name

Contact: Isander Silva Torres

Phone / Fax/Email: (787)-219-7397

Collected By: Emilio Pinella

Date: March 19, 2024

Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Total Samples: 315

Bldg/Structure: All

Floor: All

XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
120	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.03		
121	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		
122	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.28		
123	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.19		
124	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.29		
125	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.04		
126	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.05		
127	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.16		
128	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.23		
129	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.07		
130	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.11		
131	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		
132	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.09		
133	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.17		
134	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.17		
135	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.27		
136	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.25		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
137	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.13		
138	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.16		
139	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.25		
140	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.25		
141	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.04		
142	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.07		
143	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.04		
144	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.06		
145	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.15		
146	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.12		
147	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.11		
148	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.11		
149	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.03		
150	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.13		
151	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.20		
152	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.21		
153	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
154	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.09		
155	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.22		
156	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.13		
157	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.04		
158	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.03		
159	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.01		
160	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.09		
161	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.27		
162	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.23		
163	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		
164	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.06		
165	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.21		
166	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.15		
167	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.24		
168	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.23		
169	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.30		
170	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.10		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
171	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.17		
172	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window	0.21		
173	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.13		
174	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.04		
175	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.02		
176	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.18		
177	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.27		
178	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.30		
179	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
180	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.10		
181	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.07		
182	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.22		
183	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.16		
184	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.17		
185	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		
186	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.13		
187	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.04		

Customer Name: PRIDCO

Contact: Isander Silva Torres

Phone / Fax/Email: (787)-219-7397

Collected By: Emilio Pinella

Date: March 19, 2024

Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Total Samples: 315

Bldg/Structure: All

Floor: All

XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
188	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
189	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.05		
190	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.07		
191	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.12		
192	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.22		
193	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.03		
194	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.08		
195	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		
196	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		
197	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.20		
198	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.16		
199	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.06		
200	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.04		
201	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
202	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.19		
203	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.16		
204	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color Component & Location		Reading (mg/cm²)	Paint Condition	Measurement
205	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.19		
206	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.16		
207	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.07		
208	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
209	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.29		
210	Exterior Perimeter	Perimeter Walls	Metal White Paint, Window Frame C		0.25			
211	Exterior Perimeter	Perimeter Walls	r Walls Metal White Paint, Window Frame 0		0.01			
212	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.13		
213	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.10		
214	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.05		
215	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.03		
216	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.03		
217	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.25		
218	Exterior Perimeter	Perimeter Walls	lls Metal White Paint, Window Frame		0.29			
219	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.17		
220	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
221	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
222	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.22		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color Component & Location		Reading (mg/cm²)	Paint Condition	Measurement
223	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.19		
224	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		
225	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.14		
226	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.29		
227	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.05		
228	Exterior Perimeter	Perimeter Walls	Metal	Metal White Paint, Window Frame 0		0.11		
229	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.26		
230	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
231	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.23		
232	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.14		
233	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.06		
234	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.23		
235	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.12		
236	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.20		
237	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.10		
238	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.08		
239	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.11		
240	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.19		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

 Collected By: Emilio Pinella
 Floor: All

 Date: March 19, 2024
 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color Component & Location		Reading (mg/cm²)	Paint Condition	Measurement
241	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.03		
242	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.16		
243	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.12		
244	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.15		
245	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		
246	Exterior Perimeter	Perimeter Walls	Metal	Metal White Paint, Window Frame (		0.10		
247	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.22		
248	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.09		
249	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.18		
250	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.19		
251	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.28		
252	Exterior Perimeter	Perimeter Walls	Metal	White	Paint, Window Frame	0.24		
253	Interior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A	0.24		
254	Interior Perimeter	Perimeter Walls	Concrete	Concrete White Paint, Wall B		0.15		
255	Interior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall C	0.24		
256	Interior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall D	0.19		
257	Interior Perimeter	Perimeter Walls	Concrete	White	Paint, Ceiling	0.11		
258	Interior Perimeter	Perimeter Walls	Concrete	Gray	Paint, Floor	0.20		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate Color Component & Location		Reading (mg/cm²)	Paint Condition	Measurement	
259	Interior Perimeter	Women Bathroom	Concrete	Yellow	Paint, Wall A	0.03		
260	Interior Perimeter	Women Bathroom	Concrete	Yellow	Paint, Wall B	0.27		
261	Interior Perimeter	Women Bathroom	Concrete	Yellow	Paint, Wall C	0.23		
262	Interior Perimeter	Women Bathroom	Concrete	Yellow	Paint, Wall D	0.07		
263	Interior Perimeter	Women Bathroom	Concrete	White	Paint, Ceiling	0.16		
264	Interior Perimeter	Women Bathroom	Wood	Brown	Paint, Door	0.20		
265	Interior Perimeter	Women Bathroom	Wood	Brown	Paint, Door Frame	0.28		
266	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.29		
267	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.04		
268	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.14		
269	Interior Perimeter	Women Bathroom	Ceramic	White	Toilet	0.27		
270	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.07		
271	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.19		
272	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.05		
273	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.19		
274	Interior Perimeter	Women Bathroom	Ceramic	Tan	Floor, Tile	0.22		
275	Interior Perimeter	Women Bathroom	Ceramic	Yellow	Paint, Baseboard, Tile	0.30		
276	Interior Perimeter	Women Bathroom	Wood	Brown	Paint, Dividers	0.12		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	om Sustrate		Component & Location	Reading (mg/cm²)	Paint Condition	Measurement
277	Interior Perimeter	Women Bathroom	Wood	Brown	Paint, Dividers	0.23		
278	Interior Perimeter	Women Bathroom	Wood	Brown	Paint, Dividers	0.27		
279	Interior Perimeter	Women Bathroom	Wood	Brown	Paint, Dividers	0.01		
280	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall A	0.30		
281	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall B	0.22		
282	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall C	0.08		
283	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall D	0.17		
284	Interior Perimeter	Men Bathroom	Concrete	White	Paint, Ceiling	0.24		
285	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	0.27		
286	Interior Perimeter	Men Bathroom	Ceramic	White	Toilet	0.23		
287	Interior Perimeter	Men Bathroom	Ceramic	White	Sink	0.11		
288	Interior Perimeter	Men Bathroom	Ceramic	White	Sink	0.27		
289	Interior Perimeter	Men Bathroom	Ceramic	White	Stahl	0.11		
290	Interior Perimeter	Men Bathroom	Ceramic	White	Floor, Tile	0.04		
291	Interior Perimeter	Men Bathroom	Ceramic	White	Baseboar, Tile	0.28		
292	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Divider	0.08		
293	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Divider	0.28		
294	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Divider	0.11		

Customer Name: PRIDCO Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024

Contact: Isander Silva Torres Total Samples: 315

Phone / Fax/Email: (787)-219-7397 Bldg/Structure: All

Collected By: Emilio Pinella Floor: All

Date: *March* 19, 2024 XRF Serial No. 117328

Reading #	Structure	Room	Sustrate	Color Component & Location		Reading (mg/cm²)	Paint Condition	Measurement
295	Interior Perimeter	Men Bathroom	Wood Brown Paint, Door		0.10			
296	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Door Frame	0.07		
297	Interior Perimeter	Maintenance Room	Concrete	White	Paint, Wall A	0.11		
298	Interior Perimeter	Maintenance Room	Concrete	White	Paint, Wall B	0.07		
299	Interior Perimeter	Maintenance Room	Concrete	White	Paint, Wall C	0.21		
300	Interior Perimeter	Maintenance Room	Concrete	Concrete White Paint, Wall D 0.		0.05		
301	Interior Perimeter	Maintenance Room	Concrete	Concrete White Paint, Ceiling 0		0.23		
302	Interior Perimeter	Maintenance Room	Concrete	Concrete No Paint Floor		0.29		
303	Exterior Perimeter	Perimeter Area	Metal	Red	Paint, Break Shack, Support Pole	0.07		
304	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, Wall A Overhang	0.19		
305	Exterior Perimeter	Perimeter Walls	Concrete	White	Paint, I-Beam Column Base	0.10		
306	Exterior Perimeter	Perimeter Walls	Metal	Blue	Paint, Wall D Door Frame	0.20		
307	Interior Perimeter	Women Bathroom	Concrete	Yellow	Paint, Wall C	0.22		
308	Interior Perimeter	Women Bathroom	Ceramic	White	Sink	0.20		
309	Interior Perimeter	Women Bathroom	Ceramic	Yellow	Paint, Baseboard, Tile	0.28		
310	Interior Perimeter	Men Bathroom	Concrete	Beige	Paint, Wall D	0.15		
311	Interior Perimeter	Men Bathroom	Wood	Brown	Paint, Door Frame	0.04		

		XRF Form for Lea	ad Rase Paint Inc	enection							
Customer Name	: PRIDCO	XXI TOTILIOI LEG		Project Name: Bluewater Defense T123007700 PW: 8004 DI: 219024							
Contact: Isander Silva Torres			Total Samples: 315								
Phone / Fax/Email: (787)-219-7397			Bldg/Structure:	Bldg/Structure: All							
Collected By	Collected By: Emilio Pinella			Floor: All							
Date	: March 19, 2024		XRF Serial No. 117328								
Project Description:	LBP inspection										
Reading #	Structure	Room	Sustrate	Color	Component & Location	Reading (mg/cm²)	Paint Condition	Measurement			
312	Interior Perimeter	Maintenance Room	m Concrete White Paint, Wall D 0.08								
313	Calibration					1.1		_			

Substrate: Concrete (C), Ceramic (Ce), Metal (M), Brich (B), Wood (W), Plaster (P). Color: White (W) Brown (Br), Cream (Cr), Blue (Bl), Yellow (Y), Green (Gr), Gray (Gy), Pink (P)

1.0

0.80

314

**315** 

Calibration

Calibration



## **APPENDIX III. COMPANY AND INSPECTOR CREDENTIALS**



## **COMPANY CREDENTIALS**





## **INSPECTOR CREDENTIALS**





## **APPENDIX IV. XRF PCS**









The world leader in serving science

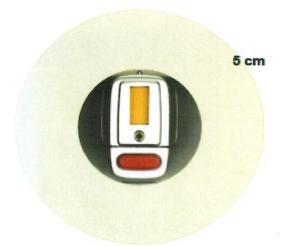
# Thermo Scientific Portable XRF Analyzers Isotope Radiation Survey Certificate

Instrument Model: XLp 300A
Instrument S/N: 117328

Detector Model: RadEye B20-ER

Detector S/N: 0213

Calibration Date: 4/5/2022



<b>Dose rate (μrem/hr)*</b> (100.0 μrem = 0.1 mrem = 1.0 μSv)						
Background	5 cm					
12 0						

<sup>\*</sup>All recorded measurements are net above background.

• Dose rate measurements taken at 360° perpendicular to instrument with the shutter closed (i.e., sources in the shielded position.

\*\* The survey results indicate that the dose rate does not exceed 0.05 milirem per hour at any point 5 cm [< 50  $\mu$ mm/hr at 5 cm] from the surface of the device.

Conducted by: David Nop

**Survey Date:** 

9/12/2022

TODAY

Thermo Scientific

2 Radcliff Road Tewksbury MA 01876

+1 978-670-7460

www.thermoscientific.com/pai

Portable Analytical Instruments

USA

+1 978-670-7430 fax

800-875-1578 (toll free)



#### **Certificate of Calibration**

Paint QC Sheet Document #: 140-00206 Revision: F1

Revision Date: 7 July 2020

Serial Number:	117328	Model: Nit	ton XLp 300A	Software:	5.2F-Dual	Date of Q.C.:	9/13/2022
Resolution:	381.79	Escale:	4.5	Source:	CD-109	Inspector:	RC

K+L 20 Sec Readings

Std	L	Lerr	K	Kerr	DI	L Status	K Status
1.0 Surface Wood-1	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Surface Wood-2	1.00	0.10	1.10	0.40	1.1	OK	OK
1.0 Buried Wood-1	1.00	0.10	1.40	0.40	2.2	OK	OK
1.0 Buried Wood-2	1.00	0.10	1.20	0.40	2.2	OK	OK
Blank Wood-1	0.00	0.02	0.30	0.37	1.5	OK	OK
Blank Wood-2	0.02	0.04	0.30	0.36	4.7	OK	OK
3.5 Surface Wood-1	3.50	0.20	3.60	0.60	1.2	OK	OK
3.5 Surface Wood-1	3.70	0.20	3.60	0.60	1.3	OK	OK
0.3 Surface Concrete-1	0.30	0.03	0.40	0.60	1.0	OK	OK
0.3 Surface Concrete-2	0.28	0.03	0.40	0.60	1.0	OK	OK
Steel-1	0.04	0.07	-0.05	0.60	10.0	OK	OK
Steel-2	0.06	0.09	0.14	0.60	10.0	OK	OK
Pure Pb-1	10.10	3.60	82.00	2.70	1.7	OK	OK
Pure Pb-2	10.10	2.80	83.90	2.70	1.7	OK	OK
1.0 Surface Drywall-1	1.10	0.10	1.30	0.40	1.1	OK	OK
1.0 Surface Drywall-2	1.10	0.10	1.40	0.40	1.1	OK	OK

K+L 20 Sec Readings

Std	Time	Result	
Drywall-1	3.38	0.00	OK
Drywall-2	3.37	0.00	OK
French Plaster-1	3.37	0.00	OK
French Plaster-2	3.37	0.00	OK

This certificate is issued in accordance with Thermo Fisher Scientific factory specifications. The measurements were found to be within specification limits at the time of manufacture and calibration.

Standards are traceable to National Institute of Standards & Technology (NIST) standards.

Signed:

Steve Introne Director of Quality and Regulatory



#### SEALED SOURCE LEAK TEST CERTIFICATE

Certificate # :

7273

	LEAK TEST LABORATO	DRY INFORMATION		
COMPANY NAME	THERMO SCIENTIFIC	PORTABLE ANALYTICAL IN	STRUM	MENTS
LICENSE NUMBER	MASSACHUSETTS 55-0238	CONTACT NAME/ASS	T.RSO	Jose Hernandez
ADDRESS	2 RADCLIFF ROAD	<b>CONTACT NUMBER</b>	978-5	513-3634
	TEWKSBURY MA 01876	FAX NUMBER	978-6	570-7411

A copy of certificate should be maintained for a minimum of 3 years and for inspection by the regulatory agency.

#### SAMPLE KIT INFORMATION

Sample ID #: N-7132

Sample date: 8/31/2022

**SEALED SOURCE INFORMATION** 

**DEVICE/ANALYZER INFORMATION** 

Manufacturer:

Eckert & Ziegler

Device make: Thermo Scientific Portable XRF Analyzers

Source model:

XCd9.06

Device model:

XLp

Source serial number:

TR4893

Serial number:

117328

Radioisotope: Assay Date: Cd-109

11/15/2022

Activity (mCi):

40

#### **LEAK TEST RESULT:**

Analysis of the above sample kit on date

8/3 1/2022 yield the following result:

	The analysis of the radioactive material of this leak test sample indicated the activity	1
$\checkmark$	than 0.005 uCi (or 185 Bq). The source may be used as authorized.	

Statistical analysis of the radioactive count data of this leak test sample indicated the activity present is greater than 0.005 uCi (or 185 Bq). This source should be considered leaking. Consult your device operations procedure; place this source in storage or quarantine area and make the required notification to your regulatory agency.

**DEVICE/SOURCE LEAK TEST IS DUE ON OR BEFORE** 

2/28/2023

Leak test performed by: David Nop

Certified by:

Ronald Cardarelli

present is less

Ronald Cardarelli, RSO, CN

Date:

8/31/2022



## **APPENDIX V. NEGATIVE LBP CERTIFICATION**



#### GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-010

## CERTIFICACION DE NO PRESENCIA DE PINTURA CON BASE DE PLOMO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PRIDCO: PW-8004 DI- 219024

,									
Yo, Emilio	Pinella ctor o Evaluador de Riesgos)	, mayor de edad <u>, Cas</u> (Esta	ado Civil)	_, y vecino de	Bayamón (Munici	pio)			
				Davamán F		00056			
Dirección Postal RR 8 Box 1995 PMB 112				Bayamón P.R.		00956			
Teléfonos: Re Fax	sidencial (787 ) 533	Oficina (	787_)_693	(Pueblo) 3 - 7777		(Zip Code)			
Certifico que: Bluewater Defense T123007700									
Estov certi	ficado por la Junta de Cali	dad Ambiental como (	(⊠Inspecto	or / □ Evaluad	dor de Riesao	s) con Número de			
•		, la cual se er			3	,			
2. La estructura localizada en <u>Cibuco Wards, Corozal, P.R.</u> , la cual será objeto de una demolición se encuentra libre de pintura con base de plomo.									
3. La informa	3. La información antes indicada es cierta y correcta.								
4. Afirmo y re	4. Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.								
5. Para que a	sí conste, firmo la presente	certificación en	Guaynabo (Municipio)	) d	e Puerto Rico	,			
hoy día <u>19</u>	de <u>marzo</u> de <u>2024</u>								
Emilio Pinella									
Firma del Inspector o Evaluador de Riesgos (en original)									
Nota : Deberá someter evidencia de la tarjeta o certificado provista por la JCA.									
nota i Besera someter evidencia de la tarjeta o certificado provista por la COA.									

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926 Dirección Postal: Apartado 11488, Santurce, PR 00910-1488 Tel. (787) 767-8181 • Fax (787) 767-1962







# ENVIRONMENTAL SURVEY FOR ASBESTOS CONTAINING MATERIALS

#### **BLUEWATER DEFENSE T123007700**

PW: 8004 / DI: 219024 Cibuco Wards Corozal, P.R.



Prepared for:

**PRIDCO** 

Prepared by:

**INTEGRATED GLOBAL SOLUTIONS** 

March 2024

#### **Table of Contents**

- I. Summary
- II. Introduction
- III. General Background
- IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)
- V. Project Identification/Description
- VI. Methods of Building Inspections
- VII. Sampling Methods
- VIII. Inspection Results
- IX. Conclusions
- X. Conditions, Limitations and Disclaimer
- XI. Appendixes

Appendix I. General View of Inspected Structures

Appendix II. Accreditations

Appendix III. ACM Negative Certification

#### I. Summary

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 19, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The tenant of this facility is Bluewater Defense T123007700. The purpose of this survey included sampling and physical evaluations of suspicious ACM material. To identify ACM on the structure scheduled for demolition to complete improvements to the structure.

This survey report can help owners develop a plan for eliminating any asbestos hazards that were found and may aid in establishing ongoing asbestos containing materials maintenance and re-evaluation program, if needed.

NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS. NO SAMPLES WERE TAKEN DUE TO THE FACILITIES' NEW ROOF.

#### II. Introduction

An environmental survey for Asbestos Containing Material (ACM) was conducted by Integrated Global Solutions on March 19, 2024, for the facility located at Cibuco Wards, Corozal, P.R. The asbestos investigation was conducted by Emilio Pinella, an AHERA Certified Asbestos Building Inspector (License number ASB-0124-0011-SI).

#### III. General Background

Asbestos was used in the construction industry from 1900 to 1989. It is still used today in various products. The health effects of asbestos have been studied since the 1930's. More health studies have been conducted in asbestos than any other natural substance. The mere presence of asbestos containing materials does not necessarily constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other everyday activity that allows fibers to be released into the environment, then a potential hazard does exist.

The relationship between exposure level and health risk is very complex. Although this relationship is not completely understood, asbestos exposure has been associated with various types of lung diseases including a debilitating disease called asbestosis; a rare cancer of the chest called mesothelioma; and cancers of the esophagus, stomach, colon, and other organs. Asbestos is not fatal; it is, however, incurable. One who has it cannot breathe easily, and physical activity becomes limited. Mesothelioma is 100% fatal, as there is no cure.

These diseases can be directly linked to the mineral of asbestos in the particle form that can be found in the lining of the lung and stomach, since the body cannot absorb these minerals. Tests have determined that asbestos can cause cancer, but scientists disagree on the amount of asbestos fibers that must be inhaled to cause cancer. The nose filters out all visible particles. Therefore, only microscopic fibers are the ones who cause the problem. Studies indicate different health effects resulting from exposure to chrysolite asbestos versus exposure to amphibole form of asbestos. The latter, which include tremolite, amosite, anthophyllite and crocidolite have more significant health impact than chrysolite.

Some scientists' studies concluded that the dimensions of the fiber which ones enter in the lung area, resulting in cancer. Long, thin fibers, greater than 8 microns in length and less than 0.25 microns in diameter show the highest potential of cancer development.

## IV. National Emissions Standards for Hazardous Air Pollutants (NESHAP)

The EPA's rules concerning the application, removal, and disposal of ACM, as well as manufacturing, spraying and fabricating of ACM were issued under the asbestos NESHAP regulation, under the 40 CFR 61 Subpart M on October 30, 1997. The asbestos NESHAP regulation governs asbestos demolition and renovation projects in all facilities. The NESHAP rule usually requires owners or operators to have all friable ACM removed before the building is demolished and may require its removal before renovation. If friable ACM shall be disturbed, the NESHAP rule may require appropriate

work practice, or procedures for emission control. The rules state that any ACM which may become friable poses a potential hazard that should be addressed.

A revised NESHAP ruling released on November 20, 1990 (effective on February 20, 1991) which includes the responsibility of the owner, or operator, to "prior to commencement of the demolition or renovation, thoroughly inspect the affected facility or part of the facility where demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II non-friable ACM" (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

#### V. Project Description / Identification

This project consists of the premises and buildings located at Cibuco Wards, Corozal, P.R.

#### VI. Method of Building Inspection

The visual inspection was conducted according to the condition of ACM in that location and the potential for material disturbance. The assessment scheme followed the recommendations by EPA as a result of the Asbestos Hazard Emergency Response Act and outlined in the 40 CFR Part 763.88 dated October 30, 1987, and amended by 40 CFR Part 61, NESHAP (40 CFR Part 61, National Emission Standard for Hazardous Air Pollutants, Asbestos NESHAP revision, Final Rule, November 20, 1990).

The functional space was visited and visually inspected to identify the location of any suspected ACM. An assessment was then made of the friability of suspected ACM by touching the material to determine if it could be pulverized, crumbled or reduced to powder by hand pressure. Upon completion of the suspect material and grouped into "homogenous sampling areas", i.e., areas which are uniform by color, texture, construction/application date and general appearance.

ACM was categorized as follow:

- Category I, non-friable containing materials (ACM). This includes asbestos
  containing packings, gaskets, resilient floor covering and asphalt roofing products
  containing more than 1% asbestos.
- 2. Category II, non-friable ACM. This includes any materials, excluding Category I non-friable ACM containing more than 1% asbestos, that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- Friable asbestos materials. This includes any material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Physical hazard assessment was performed based on AHERA regulations. This protocol provides separate analysis for three types of materials: surfacing, thermal insulation and miscellaneous. However, this protocol does not provide a means for relative ranking of individual hazards within the category. Therefore, a separate analysis was performed to assess hazard ranking which could be used for this type of material. The hazard assessment combines the level of potential disturbance with the current condition of ACM to indicate overall hazard potential.

The rankings of potential hazards range from 1-most hazardous to 7-least hazardous. The highest rank is reserved for ACM, which is significantly damaged. A review of the definition of "significant damage" reveals that the definitions are designed to identify ACBM, which is so extensively damaged or deteriorated, that requires immediate corrective action. Hazard rank 2-4 reflects ACBM, which is damaged as defined AHERA, with rank 2 indicating a "potential for significant damage" and rank 3 indicating a "potential for damage". Hazard ranks 5-7 are reserved for ACBM currently in good condition, but with a range in the likelihood for future disturbance.



#### VII. Sampling Methods

An asbestos visual survey was conducted for the suspected ACM for one (1) facility located at Cibuco Wards, Corozal, P. R.

#### VIII. Conclusions

NO MATERIAL CONTAINING ASBESTOS WAS FOUND AFTER PERFORMING VISUAL INSPECTIONS. NO SAMPLES WERE TAKEN DUE TO THE FACILITIES' NEW ROOF.

#### IX. Conditions, Limitations and Disclaimer

Integrated Global Solutions has performed this Asbestos Containing Materials Survey in a thorough and professional manner consistent with commonly accepted industry standards. The preparer cannot guarantee and does not warrant this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the survey.

The results reported and conclusions reached by the preparer are solely for the benefit of the owner. The results and opinions in this report, based solely on the conditions found at the property on the date of the survey, are valid only on that date. The preparer assumes no obligation to advise the owner of any changes in any real or potential lead base paint hazards all this facility beyond the date of the survey.



APPENDIX I. GENERAL	VIEW OF	INSPECTED	STRUCTURE
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# BLUEWATER DEFENSE T123007700 FACILITIES





### **APPENDIX II. ACREDITATIONS**



#### **INSPECTOR CREDENTIALS**



ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales



**APPENDIX III. ACM NEGATIVE CERTIFICATION** 



#### GOBIERNO DE PUERTO RICO OFICINA DEL GOBERNADOR JUNTA DE CALIDAD AMBIENTAL



Área de Calidad de Agua

Forma PGC-009

## CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

PRIDCO: PW-8004 DI-219024

Y	o, Emilio Pinella , mayor de edad, <u>Casado</u> , y vecino de <u>Bayamon</u> (Nombre) (Estado Civil) (Municipio)
Di	irección Postal RR 8 Box 1995 PMB 112 Bayamón P.R. 00956
	(Pueblo) (Zip Code)
Te	eléfonos: Residencial (_787) _5334400 Oficina (_787) _6937777 Ext Fax ()
Се	ertifico que: Bluewater Defense T123007700
1.	La estructura localizada en Cibuco Wards, Corozal, P.R., la cual será objeto de una demolición se encuentra libre de
	asbesto.
2.	La información antes indicada es cierta y correcta.
3.	Afirmo y reconozco las consecuencias de incluir y someter información falsa en este documento.
4.	Para que así conste, firmo la presente certificación en Guaynabo de Puerto Rico, (Municipio)
	hoy día <u>19</u> de <u>marzo</u> de <u>2024</u>
	milio Pinella
	Firma y Sello del Profesional o
	Firma del Inspector de Asbesto registrado por la JCA (Original)
	Nota: Ingenieros o Arquitectos deberán someter evidencia de que se encuentra al día en el pago de sus cuotas de

Dirección Física: Ave. Ponce de León 1308, Carr. Estatal 8838, Sector el Cinco, Río Piedras, PR 00926

Dirección Postal: Apartado 11488, Santurce, PR 00910-1488

Tel. (787) 767-8181 • Fax (787) 767-1962





ASB-0124-0011-SI Número de Registro

18-jun-2024 Fecha de vencimiento TARJETA DE REGISTRO PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Emilio Pinella

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.

Firma Autorizada - Departamento Recursos Naturales y Ambientales