### DEMOLITION ASBESTOS SURVEY 6131 RIVER ROAD NEW PORT RICHEY, FLORIDA

### Prepared for:

Mr. Tyler Lillibridge Cross Construction Services, Inc. 25221 Wesley Chapel Boulevard Lutz, Florida 33559

### Prepared by:

IBC Engineering-Environmental & Construction, LLC (ZA-388) 8875 Hidden River Parkway, Suite 300 Tampa, FL 33637

February 27, 2023

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### 1.1 INTRODUCTION

In accordance with written direction on February 14, 2023, Mr. Tyler Lillibridge instructed IBC Engineering-Environmental & Construction, LLC, of Tampa, Florida, to perform a demolition asbestos survey of the two buildings located at 6131 River Road, New Port Richey, Florida. The survey was conducted pursuant to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) requirements. The following Survey Report details the findings of the Demolition Asbestos Survey for the referenced facility.

A preliminary site inspection was performed on February 16, 2023 with the survey being performed on the same day. Mr. Oris Voigtmann conducted the survey.

### 1.2 SITE DESCRIPTION

The subject property is comprised of a two one story buildings located at 6131 River Road, New Port Richey, Florida. The buildings were unoccupied. The building were concrete block or wood framing on a concrete foundation. The flooring was vinyl flooring, ceramic tile or concrete. The buildings had asphalt roofing on wood.

### 1.3 PURPOSE

The purpose of conducting the survey for the subject complex is to:

- Locate and identify all types of Asbestos Containing Materials, ACM throughout the accessible areas.
- Assess the existing physical condition of the ACM and determine the relative hazards presented.
- Recommend response actions in accordance with the assigned "Hazard Priority Rating" for each type of ACM identified.
- Prioritize the ACM and physical areas in order of the specific response action required.

### 1.4 SCOPE

The Scope of Work for this survey is as follows:

- Review available construction documents to determine potential locations of ACM and to develop sample plans.
- Conduct a field investigation to access and perform a visual inspection of all accessible areas of the units to be surveyed.
- Collect bulk samples of suspect ACM identified.
- Provide bulk sample analyses by an independent and accredited laboratory.

- Assess condition of identified ACM and assign a "Hazard Priority Rating".
- Prioritize those materials and areas which require response actions.
- Recommend appropriate response actions.

### 1.5 SAMPLING LOGIC AND PROTOCOL

The survey protocol involved the following sequences, where available or appropriate:

- 1. Interview persons to elicit information regarding building construction, use of facilities (past, present and future), number of building occupants, maintenance and custodial procedures, dates of construction, HVAC design, water systems, size of units/buildings, and other information as appropriate.
- 2. Review of previous inspection/survey reports, laboratory data, results, building plans, construction specifications, and other pertinent documents, if available.
- 3. A brief walk-through of the facility to be surveyed allowed conclusions to be made concerning the number of samples needed, access problems that were to be encountered, photographic needs, and degree of protection necessary for bulk sample collection.
- 4. A visual inspection was conducted to identify the locations of all suspect ACBM and physically touch the material to determine if it was to be classified as friable (easily crumbled) or non-friable. Suspect materials were then catalogued according to their intended use. These categories include surfacing materials, thermal system insulation, and miscellaneous materials. Surfacing materials include sprayed or troweled-on fireproofing, acoustical, and decorative insulation, as well as insulations used for condensate control. Thermal system insulation, or TSI, includes pipe lagging, boiler and hot water storage tank insulation, and insulation on duct, pumps, heat exchangers, or other equipment. Miscellaneous suspect materials include interior building materials on structural components, structure members, or fixtures, such as floor and ceiling tiles, asbestos-cement board, and flue pipes, that did not fall into one of the previously mentioned categories.
- 5. Bulk sampling was conducted in accordance with United States Environmental Protection Agency (USEPA) Asbestos Hazard Emergency Response Act (AHERA) and USEPA National Emission Standards for Hazardous Air Pollutants (NESHAP) protocols. These procedures required a random method, which was used to select sampling locations from each homogeneous sampling area. A homogeneous area is defined as an area of surfacing material, thermal system

insulation material, or miscellaneous material that is uniform in color and texture.

6. Bulk samples were transported to the analytical laboratory where they were logged in and assigned a unique laboratory identification number.

All samples were analyzed for asbestos content by polarized light microscopy (PLM) using the "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" found at Appendix A to Subpart F in EPA 600/M-4-020. In this method the presence of asbestos in a sample was determined by optical mineralogy using a light microscope with two polarizing filters. Asbestos identification was achieved by examining the morphology and optical properties of the sample. The optical properties include the color under dispersion staining, birefringence, extinction characteristic, and the sign of elongation.

Quantification was obtained by visual estimation. This method may be used for the analysis of samples containing from 0 to 100 percent asbestos. The lower limit of detection is less then 1 percent. The upper detection limit is 100 percent. Results are reported as percent asbestos by type (e.g. chrysotile, crocidolite). Additional information such as other fibrous components in the sample and the non-fibrous sample matrix may also be supplied, if available.

- 7. This survey report does not intend to acknowledge, imply, or warrant the inspection for Asbestos Containing Building Materials in areas not normally considered readily accessible through standard survey protocol. These areas include, but are not limited to:
  - Inaccessible spaces below floor levels
  - Materials below ground surfaces
  - Materials in areas considered inaccessible or unsafe

### 1.6 BULK SAMPLE ANALYSIS

All bulk sample analysis was performed by National Voluntary Laboratory Accreditation Program (NVLAP) accredited CEI Labs Inc., 730 SE Maynard Road, Cary, NC 27511, via Polarized Light Microscopy (PLM) coupled with dispersion staining in general accordance with EPA 600/M-4-020. A copy of the laboratory results can be found in Appendix A. Summary results were as follows:

SAMPLE #	LOCATION	SAMPLE TYPE	RESULT
1	Church roof	Asphalt shingles	NAD
2	Church roof	Asphalt shingles	NAD

SAMPLE#	LOCATION	SAMPLE TYPE	RESULT
3	Church roof	Rolled roofing	NAD
4	Church roof	Rolled roofing	NAD
5	Church exterior	Stucco	NAD
6	Church exterior	Stucco	NAD
7	Church exterior	Caulking	NAD
8	Church exterior	Caulking	NAD
9	Church front bath	Yellow flooring	NAD
10	Church front bath	Yellow flooring	NAD
11	<b>Church front</b>	9" beige floor tile/mastic	10-5% chrysotile
	storage		
12	Church foyer	Popcorn ceiling texture	NAD
13	Church chapel	Popcorn ceiling texture	NAD
14	Church chapel	12" beige floor tile/mastic	·
15	Church chapel	12" beige floor tile/mastic	-
16	Church chapel	Plaster system	NAD
17	Church middle area	Plaster system	NAD
18	Church back bath	Beige pattern linoleum/	20-2% chrysotile
18 19		adhesive Beige pattern linoleum/	20-2% chrysotile 20-2% chrysotile
19	Church back bath	adhesive Beige pattern linoleum/ adhesive	20-2% chrysotile
19 20	Church back bath Church back area	adhesive Beige pattern linoleum/ adhesive Drywall system	20-2% chrysotile NAD
19 20 21	Church back bath Church back area Church back area	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system	20-2% chrysotile NAD NAD
19 20 21 22	Church back area Church back area Church back area Church back area	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile	20-2% chrysotile NAD NAD NAD
19 20 21 22 23	Church back area	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD
19 20 21 22 23 24	Church back area	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD
19 20 21 22 23 24 25	Church back area	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA
19 20 21 22 23 24 25 26	Church back area Office roof	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive Asphalt shingles	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA
19 20 21 22 23 24 25 26 27	Church back area Office roof Office roof	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive Asphalt shingles Asphalt shingles	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA
19 20 21 22 23 24 25 26 27 28	Church back area Office roof Office roof Office exterior	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive Asphalt shingles Asphalt shingles Caulking	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA
19 20 21 22 23 24 25 26 27 28 29	Church back area Office roof Office roof Office exterior Office exterior	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive Asphalt shingles Asphalt shingles Caulking Caulking	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA
19 20 21 22 23 24 25 26 27 28 29 30	Church back area Office roof Office roof Office exterior Office exterior Office	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive Asphalt shingles Asphalt shingles Caulking Caulking Drywall system	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA
19 20 21 22 23 24 25 26 27 28 29	Church back area Office roof Office roof Office exterior Office exterior	adhesive Beige pattern linoleum/ adhesive Drywall system Drywall system Lay in ceiling tile Lay in ceiling tile Covebase adhesive Covebase adhesive Asphalt shingles Asphalt shingles Caulking Caulking	20-2% chrysotile  NAD  NAD  NAD  NAD  NAD  NAD  NAD  NA

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SAMPLE#	LOCATION	SAMPLE TYPE	RESULT
33	Office	Leveling compound	NAD
34	Office	Floor mastic	NAD
35	Office	Floor mastic	NAD
36	Office bath	Beige linoleum	NAD
37	Office bath	Beige linoleum	NAD
38	Office	Popcorn ceiling	NAD
39	Office	Popcorn ceiling	NAD

NAD- no asbestos detected

### 1.7 HAZARD ASSESSMENT

Sample results indicated that the following materials contained asbestos minerals:

ACM DESCRIPTION	LOCATION	APPROXIMATE	NF/F	CAT. I/II	RACM
		QUANTITY			Y/N
9" beige floor tile/mastic	Front and middle areas of	2,200 sf	NF	I	N
	church (under other				
	flooring)				
12" beige floor tile/	Church chapel	3,500 sf	NF	I	N
mastic					
Beige pattern linoleum	Church back bathrooms	250 sf	NF	II	N

### 1.8 SYNOPSIS & RECOMMENDATIONS

A preliminary site inspection determined the following building components to be suspect asbestos-containing materials:

• Roofing • Flooring • Stucco • Drywall system

Laboratory analysis of representative samples for these materials determined that several building materials contained asbestos minerals. Materials identified as Category I Non-RACM that will remain in good condition during the proposed demolition/renovation activities may often remain in place during demolition/renovation. Any materials that are Category II Non-RACM or RACM or those materials that may be rendered RACM (i.e., crumbled, pulverized, or reduced to powder by the forces expected to act upon the materials during demolition/renovation) must be removed prior to any activities that will affect these materials by a Florida Licensed Asbestos Contractor. It is the contractor's responsibility to be aware of those regulations specific to the removal and disposal of ACM and ensure compliance with them. It is recommended that on-site observation of the proposed abatement or demolition processes be performed under the direction of a Florida Licensed Asbestos Consultant. A copy of this report must be present on site during any scheduled operation. This survey document is not intended as a bid document or specification for abatement.

In conclusion, it is clearly understood that IBC does not intend this report to be representative of all potential Asbestos Containing Material (ACM) in this facility and is strictly limited to the materials tested and the limitations of the laboratory testing technology methods.

Respectfully Submitted,

IBC ENGINEERING-ENVIRONMENTAL & CONSTRUCTION, LLC

Oris L. Voigtmann, CSP, FLAC AX67

Orind Voy



By: POLARIZING LIGHT MICROSCOPY

Client: O2 Consulting, Inc.

P.O. Box 7655 Wesley Chapel, FL 33545 

 Lab Code:
 B233873

 Date Received:
 02-17-23

 Date Analyzed:
 02-22-23

 Date Reported:
 02-22-23

Project: 6131 River Road

Client ID	Lab Description	Lab Attributes	NO		COMPONENTS Non-Fibrous		ASBESTOS %
<b>01</b> B233873.01	Asphalt Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
<b>02</b> B233873.02	Asphalt Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
<b>03</b> B233873.03	Rolled Roofing	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
<b>04</b> B233873.04	Rolled Roofing	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
<b>05</b> B233873.05	Stucco	Heterogeneous Gray,White Non-fibrous Bound			60% 35% 5%	Silicates Binder Paint	None Detected
<b>06</b> B233873.06	Stucco	Heterogeneous Gray,White Non-fibrous Bound			60% 35% 5%	Silicates Binder Paint	None Detected
<b>07</b> Layer 1 B233873.07	Caulking (Type 1)	Heterogeneous Gray, Cream Non-fibrous Bound			95% 5%	Caulk Paint	None Detected



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Client ID	Lab	Lab	NON-ASBESTO	S COMPO	NENTS	ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
Layer 2 B233873.07	Caulking (Type 2) Homogeneous  White Non-fibrous Bound		100%	Caulk	None Detected	
08 Layer 1 B233873.08	Caulking (Type 1)	Heterogeneous Gray,Cream Non-fibrous Bound		95% 5%	Caulk Paint	None Detected
Layer 2 B233873.08	Caulking (Type 2)	Homogeneous White Non-fibrous Bound		100%	Caulk	None Detected
<b>09</b> B233873.09	Flooring	Homogeneous Yellow,Cream Non-fibrous Tightly Bound		70% 30%	Binder Silicates	None Detected
<b>10</b> B233873.10	Flooring	Homogeneous Yellow,Cream Non-fibrous Tightly Bound		70% 30%	Binder Silicates	None Detected
<b>11</b> B233873.11A	9" Floor Tile	Homogeneous Beige Non-fibrous Tightly Bound		90%	Vinyl	10% Chrysotile
B233873.11B	Mastic	Homogeneous Black Non-fibrous Bound		95%	Tar	5% Chrysotile



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Wesley Chapel, FL 33545

Lab Code: B233873 Date Received: 02-17-23

Date Analyzed: 02-22-23 Date Reported: 02-22-23

Project: 6131 River Road

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBEST		NENTS Fibrous	ASBESTOS %
<b>12</b> Layer 1 B233873.12	Popcorn Ceiling Texture	Heterogeneous White Non-fibrous Bound		80% 15% 5%	Binder Foam Paint	None Detected
Layer 2 B233873.12	Plaster Skim Coat	Homogeneous White Non-fibrous Bound		65% 35%	Binder Silicates	None Detected
Layer 3 B233873.12	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		65% 35%	Silicates Binder	None Detected
13 Layer 1 B233873.13	Popcorn Ceiling Texture	Heterogeneous White Non-fibrous Bound		80% 15% 5%	Binder Foam Paint	None Detected
Layer 2 B233873.13	Plaster Skim Coat	Homogeneous White Non-fibrous Bound		65% 35%	Binder Silicates	None Detected
Layer 3 B233873.13	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		65% 35%	Silicates Binder	None Detected
<b>14</b> B233873.14A	12" Floor Tile	Homogeneous Beige Non-fibrous Tightly Bound		93%	Vinyl	7% Chrysotile



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Wesley Chapel, FL 33545

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 02-17-23

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Project: 6131 River Road

Client ID Lab ID	Lab Description	Lab Attributes			NENTS Fibrous	ASBESTOS %
B233873.14B	Mastic Homogeneous Yellow Non-fibrous Bound			98%	Mastic	2% Chrysotile
<b>15</b> B233873.15A	12" Floor Tile	Homogeneous Beige Non-fibrous Tightly Bound		93%	Vinyl	7% Chrysotile
B233873.15B	Mastic	Homogeneous Yellow Non-fibrous Bound		98%	Mastic	2% Chrysotile
16 Layer 1 B233873.16	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		60% 35% 5%	Binder Silicates Paint	None Detected
Layer 2 B233873.16	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		65% 35%	Silicates Binder	None Detected
<b>17</b> Layer 1 B233873.17	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		60% 35% 5%	Binder Silicates Paint	None Detected
Layer 2 B233873.17	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		65% 35%	Silicates Binder	None Detected



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### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description Attributes	Attributes	Fibr	ous	Non-F	Fibrous	%
<b>18</b> B233873.18A	Linoleum	Heterogeneous Beige,Patterned Fibrous Bound	30%	Cellulose	50%	Vinyl	20% Chrysotile
B233873.18B	Mastic	Homogeneous White Non-fibrous Bound ination from adjacent lir	a la ven	0	98%	Mastic	2% Chrysotile
19 B233873.19A	Linoleum	Heterogeneous Beige,Patterned Fibrous Bound	30%	Cellulose	50%	Vinyl	20% Chrysotile
B233873.19B  Analyst Opinio	Mastic	Homogeneous White Non-fibrous Bound ination from adjacent lir	noleum	I.	98%	Mastic	2% Chrysotile
<b>20</b> B233873.20	Drywall/Joint Compound	Heterogeneous White,Tan Fibrous Bound	15%	Cellulose	75% 10% <1%	Gypsum Calc Carb Paint	None Detected
<b>21</b> B233873.21	Drywall/Joint Compound	Heterogeneous White,Tan Fibrous Bound	15%	Cellulose	75% 10% <1%	Gypsum Calc Carb Paint	None Detected
<b>22</b> B233873.22	Ceiling Tile	Heterogeneous White,Tan Fibrous Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected

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By: POLARIZING LIGHT MICROSCOPY

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P.O. Box 7655 Wesley Chapel, FL 33545 **Lab Code:** B233873 **Date Received:** 02-17-23

Date Analyzed: 02-22-23 Date Reported: 02-22-23

Project: 6131 River Road

Client ID Lab ID	Lab Description	Lab NON-ASBESTO Attributes Fibrous				NENTS ibrous	ASBESTOS %
<b>23</b> B233873.23	Ceiling Tile	Heterogeneous White,Tan Fibrous Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
<b>24</b> B233873.24	Covebase Adhesive	Homogeneous Cream Non-fibrous Bound			100%	Mastic	None Detected
<b>25</b> B233873.25	Covebase Adhesive	Homogeneous Cream Non-fibrous Bound			100%	Mastic	None Detected
<b>26</b> B233873.26	Asphalt Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
<b>27</b> B233873.27	Asphalt Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
<b>28</b> B233873.28	Caulking	Homogeneous Off-white Non-fibrous Bound			100%	Caulk	None Detected
<b>29</b> B233873.29	Caulking	Homogeneous Off-white Non-fibrous Bound			100%	Caulk	None Detected



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Project: 6131 River Road

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-l	Fibrous	%
<b>30</b> B233873.30			15%	Cellulose	85%	Gypsum	None Detected
<b>31</b> B233873.31	Drywall	Heterogeneous Gray,Tan Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>32</b> B233873.32	Leveling Compound	Homogeneous White Non-fibrous Bound			65% 35%	Binder Silicates	None Detected
<b>33</b> B233873.33	Leveling Compound	Homogeneous White Non-fibrous Bound			65% 35%	Binder Silicates	None Detected
<b>34</b> B233873.34	Floor Mastic	Homogeneous Black Non-fibrous Bound	5%	Cellulose	80% 15%	Tar Mastic	None Detected
<b>35</b> B233873.35	Floor Mastic	Homogeneous Black Non-fibrous Bound	5%	Cellulose	80% 15%	Tar Mastic	None Detected
<b>36</b> B233873.36A	Linoleum ( Type 1 )	Heterogeneous White Fibrous Bound	30% 20%	Cellulose Fiberglass	50%	Vinyl	None Detected



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Project: 6131 River Road

Client ID	Lab	Lab NON-ASBESTOS			COMPONENTS		ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
B233873.36B	Mastic	Homogeneous Cream Non-fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
B233873.36C	Linoleum (Type 2)	Heterogeneous Beige Fibrous Bound	30% 20%	Cellulose Fiberglass	50%	Vinyl	None Detected
B233873.36D	Mastic	Homogeneous Black Non-fibrous Bound	5%	Cellulose	80% 15%	Tar Mastic	None Detected
<b>37</b> B233873.37A	Linoleum (Type 1)	Heterogeneous White Fibrous Bound	30% 20%	Cellulose Fiberglass	50%	Vinyl	None Detected
B233873.37B	Mastic	Homogeneous Cream Non-fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
B233873.37C	Linoleum ( Type 2 )	Heterogeneous Beige Fibrous Bound	30% 20%	Cellulose Fiberglass	50%	Vinyl	None Detected
<b>38</b> B233873.38	Popcorn Ceiling	Heterogeneous White Non-fibrous Bound	1		80% 15% 5%	Binder Metal Foil Paint	None Detected



Lab Code:

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B233873

Client: O2 Consulting, Inc.

P.O. Box 7655

Wesley Chapel, FL 33545

Date Received: 02-17-23

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Date Reported: 02-22-23

Project: 6131 River Road

Client ID Lab ID	Lab Description Popcorn Ceiling	Lab	NON-ASBESTOS COMPONENTS			ASBESTOS
		Attributes	Fibrous	Non-Fibrous		%
39		Heterogeneous		80%	Binder	None Detected
B233873.39		White		15%	Metal Foil	
		Non-fibrous		5%	Paint	
		Bound				



LEGEND: = Non-Asbestiform Anthophyllite Non-Anth

> Non-Trem = Non-Asbestiform Tremolite Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

**REGULATORY LIMIT: >1% by weight** 

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

APPROVED BY:

Tianbao Bai, Ph.D., CIH **Laboratory Director** 

### SAMPLE TRANSMITTAL O2 Consulting, Inc. PO Box 7655 Wesley Chapel, FL 33545

BU33813

39

AMPLE#	LOCATION	vs	AMPLE TYPE		COMMENTS	
01	6(31	Rust	Asphalf st	nundes		
٥٧		٠,	· c.	<u> </u>		
رد		ч	no fled n	polon		
09	c	٠.	4			
08	}	ecterix	Strews			
04	ı	ነ	Y		5 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
רט	i,	4	coulling	2		
08	.1	,	ر ب			
09	4	Bront by	yellow &	or: S	willy param	-c
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## THE ASBESTOS CONSULTANT HEREIN IS LICENSED UNDER THE **ASBESTOS LICENSING UNIT**

PROVISIONS OF CHAPTER 469, FLORIDA STATUTES

## VOIGTMANN, ORIS LEE

IBC ENGINERRING ENVIRONMENTAL CONSTRUCTION LLC 30949 SATINLEAF LANE WESLEY CHAPEL FL 33543

### **LICENSE NUMBER: AX67**

**EXPIRATION DATE: NOVEMBER 30, 2024** 

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# Vern Roberts Environmental Training, Inc. 13987 94<sup>th</sup> Avenue N Seminole, FL 33776 727-239-1445

Certifies that

## ORIE VOIGTMANN

Has satisfactorily completed the requisite training for asbestos accreditation under TSCA TITLE II, EPA Model Accreditation Plan (40CFR763 E) for the 4-hour Inspector (Survey & Mechanical) Refresher Course on 7/13/2022, and in testimony whereof, we do confer this certificate at Seminole, Florida on 7/13/2022.

Date of Course: 7/13/2022 Expiration Date 7/13/2023 Certificate # 07132202AM Course # FL49-0006322 Provider # FL49-0003810

INSTRUCTOR