

### ADDENDUM – 1

#### November 7, 2023

#### PAWTUCKET HOUSING AUTHORITY Galego Court Community Building Roof Replacement

#### **Project Site:**

#### 483 Weeden St, Pawtucket, RI 0860

The following changes, modifications, and clarifications are hereby made to the plans and specifications for the above referenced project.

- Item 1: Roof sampling was completed and results found non-detect for ACM, please see attached for your records.
- Item 2: The existing roof deck of the flat roof area is concrete, we will be preparing an update to the plan set, with additional details to follow.
- Item 3: The Bid Due Date has been changed to November 28, 2023, by 2:00 PM.



November 6, 2023

Verdantas Attn: Mr. Roy Messier 1005 Main Street, Suite 8120 Pawtucket, RI 02860

Re: ECM Project #230756

Dear Mr. Messier:

Enclosed are the analytical results, observations, and recommendations associated with the asbestos sampling of the Galego Court Office roof.

On October 27, 2023 a limited roofing asbestos inspection was conducted by Mr. Joseph M. Lepore (Lic. #AI00661) of ECM. Sampling was limited to the main flat roof (rubber membrane) over the office building at the site. During the course of the inspection ECM collected samples of asphaltic roofing materials located under the rubber membrane on the building.

Asbestos bulk samples were collected according to the Asbestos Hazard Emergency Response Act (AHERA) sampling protocol. Only materials anticipated to be disturbed by the renovations were surveyed as part of this inspection. No attempt was made to survey this building in its entirety.

#### <u>Asbestos</u>

The survey consisted of collecting suspect ACBM within the roof area according to AHERA sampling protocol. The asbestos bulk samples were then sent to a Rhode Island licensed asbestos analytical laboratory (SanAir Technologies Laboratories of North Chesterfield, VA. RI Lic. PLM00126) to be analyzed for asbestos content utilizing Polarized Light Microscopy (PLM) in accordance with Environmental Protection Agency (EPA) method 600/R-93/116. The materials collected, results, location, friable material assessment, condition and quantity of ACBM have been denoted within this report. Please refer to **Attachment 1** for the asbestos analytical results. Below is a chart of the samples collected.

181 Amaral Street Riverside, RI 02915 O: 401.438.1360 F: 401.438.1316

www.ecmne.com

	Calego Coart Onice Danang Roon									
Sample #	Material	Location	Asbestos %	Quantity						
R-1A, R-1B, R-1C	Roof core and insulation	Main roof Office Building	None Detected	NA						
R-2A, R-2B	Roof flashing and lexonite	Around penetrations and edge of Main roof of Office Building	None Detected	NA						
R-3A, R-3B	Sealant	Rubber sealant on stacks of Main Roof on Office Building	None Detected	NA						

#### Table 1: Galego Court Office Building Roof

#### Asbestos Conclusion:

All roofing samples collected from the main roof of the office building at Galego Court were found to be none detected for asbestos by PLM analysis.

Any suspect materials not sampled within this report should be tested before being impacted.

#### Limitations

Components that could affect building operation and endanger the safety of the inspector such as active mechanical or electrical systems were not scrutinized during this inspection unless otherwise noted. No below grade or sub-slab investigation was conducted as part of this inspection. This inspection was limited to roofing components of the office building. Any suspect materials not sampled and tested for the presence of asbestos must be handled and disposed of as if it were asbestos unless analytical data can prove otherwise.

This report was prepared under the request of Verdantas. This report should not be represented, reproduced, or disseminated without the written approval of Environmental Consulting and Management or Verdantas. No warranties other than those expressed in the contract for this project are expressed or implied.

A hard copy of this report can be provided for your records via mail upon request. If you have any further questions feel free to contact myself at 401-304-6614.

Sincerely, Environmental Consulting & Management

Joseph M. Lepore ECM Project Manager

Attachment 1 Asbestos Bulk Sample Results



# **The Identification Specialists**

# Analysis Report prepared for Environmental Consulting & Management Inc

Report Date: 11/2/2023 Project Name: Galego Ct.-Roof Project #: 230756



SanAir ID#: 23060248

NVLAP LAB CODE 200870-0

10501 Trade Court | North Chesterfield, Virginia 23236 888.895.1177 | 804.897.1177 | fax: 804.897.0070 | IAQ@SanAir.com | SanAir.com



SanAir ID Number 23060248 FINAL REPORT 11/2/2023 4:52:06 PM

Name: Environmental Consulting & Management Inc Address: 50 Kickemuit Ave Bristol, RI 02809 Phone: 401-438-1360 Project Number: 230756 P.O. Number: Project Name: Galego Ct.-Roof Collected Date: 10/27/2023 Received Date: 10/30/2023 10:45:00 AM

Dear Joseph M. Lepore,

We at SanAir would like to thank you for the work you recently submitted. The 7 sample(s) were received on Monday, October 30, 2023 via UPS. The final report(s) is enclosed for the following sample(s): R-1A, R-1B, R-1C, R-2A, R-2B, R-3A, R-3B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobiint

Sandra Sobrino Asbestos & Materials Laboratory Manager SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

Sample conditions:

- 7 samples in Good condition.



Name: Environmental Consulting & Management Inc Address: 50 Kickemuit Ave Bristol, RI 02809 Phone: 401-438-1360

Project Number: 230756 P.O. Number: Project Name: Galego Ct.-Roof Collected Date: 10/27/2023 Received Date: 10/30/2023 10:45:00 AM

Analyst: Vaughan, Nathaniel

## Asbestos Bulk PLM EPA 600/R-93/116

	Stereoscopic Components							
SanAir ID / Description	Appearance	% Fibrous	% Non-fibrous	Asbestos Fibers				
R-1A / 23060248-001 Roof Core Under Rubber, Roofing	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected				
R-1A / 23060248-001 Roof Core Under Rubber, Insulation	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected				
R-1B / 23060248-002 Roof Core Under Rubber, Roofing	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected				
R-1B / 23060248-002 Roof Core Under Rubber, Insulation	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected				
R-1C / 23060248-003 Roof Core Under Rubber, Roofing	Black Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected				
R-1C / 23060248-003 Roof Core Under Rubber, Insulation	Brown Fibrous Homogeneous	95% Cellulose	5% Other	None Detected				
R-2A / 23060248-004 Roof Penetration/Vent	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected				
R-2B / 23060248-005 Roof Penetration/Stack	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected				
R-3A / 23060248-006 Sealant	Black Non-Fibrous Homogeneous		100% Other	None Detected				
R-3B / 23060248-007 Sealant	Black Non-Fibrous Homogeneous		100% Other	None Detected				
Analyst: Northron Ocuph_ Approved Signatory: Johnsten When								

Analyst:

Approved Signatory:

Analysis Date:

11/2/2023

11/2/2023 Date:

#### **Disclaimer**

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#### NYELAP Disclaimer:

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

#### Asbestos Accreditations

National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 200870-0 City of Philadelphia Department of Public Health Air Management Services, Certification#ALL-460 Commonwealth of Pennsylvania Department of Environmental Protection Number 68-05397 California State Environmental Laboratory Accreditation Program Certificate Number 2915 Colorado Department of Public Health and Environment Registration Number AL-23143 Connecticut Department of Public Health Environmental Laboratory Registration Number PH-0105 Massachusetts Department of Labor Standards Asbestos Analytical Services License Number: AA000222

State of Maine Department of Environmental Protection License Number: LB-0075, LA-0084 New York State Department of Health Laboratory ID: 11983

State of Rhode Island Department of Health Certification No.: PCM00126, PLM00126, TEM00126 Texas Department of State Health Services License Number: 300440

Commonwealth of Virginia Department of Professional and Occupational Regulation Number: 3333000323

State of Washington Department of Ecology Laboratory ID: C989

State of West Virginia Bureau for Public Health Analytical Laboratory Number: LT000616 Vermont Department of Health License Number: Asb-Co-An-000006

Louisiana Department of Environmental Quality AI Number 212253, Certificate #05088

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If no technician is provided, then the primary contact for your account will be selected. 'Juless scheduled, the turnaround time for all samples received after 3 pm EST will be logged in the next business day. Weekend or holiday work must be scheduled ahead of time and is charged at 150% of the 3hr TAT or a minimum charge of \$150. A courier charge will be applied for same day and one-day turnaround times for offsite work. SanAir covers Ground and Next Day Air shipping. Shipments billed to SanAir with a faster shipping rate will result in additional charges.

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