

AAL

Asbestos Analytical Lab

Asbestos Analytical Lab**51 Gage Road****East Brunswick, NJ 08816****Tel. 917-478-7715****Fax: 800-718-3597**

Empire Environmental LTD

Collected Date: 10/8/2021

Date Received: 10/14/2021

Date Analyzed: 10/14/2021

AAL Batch #: 21-10132

Project Caravella

Total Samples: 12

Address: 537 Franklin Avenue
Nutley, NJ

Report Date: 10/15/2021

PLM, TEM BULK ASBESTOS REPORT

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1	21-10132-1	YES	67% (by EPA 600/M4-82-020) PLM-Friable
Location:	West End Near Pipe Pile		
Sample Description:	Pipe Insulation		
Analyst Description:	Tan,Friable,Homogeneous		
Asbestos Types:	Chrysotile		
Other Material:	Cellulose 27%,Non-fibrous 6%		
2	21-10132-2	NO	NAD (by NYS ELAP 198.4) NOB-TEM
Location:	West End		
Sample Description:	Floor Tiles		
Analyst Description:	Grey,Non-Friable,NonHomogeneous		
Asbestos Types:			
Other Material:	Non-fibrous 5.4%		
3	21-10132-3	YES	10% (by NYS ELAP 198.4) NOB-TEM
Location:	East End		
Sample Description:	Floor Tiles		
Analyst Description:	Red/Black,Non-Friable,NonHomogeneous		
Asbestos Types:	Chrysotile		
Other Material:	Non-fibrous 34.2%		
Comments:	Composite (Tile + Mastic)		
4	21-10132-4	YES	10% (by NYS ELAP 198.4) NOB-TEM
Location:	South East End		
Sample Description:	Floor Tiles		
Analyst Description:	Brown,Non-Friable,NonHomogeneous		
Asbestos Types:	Chrysotile		
Other Material:	Non-fibrous 34.8%		

See Reporting notes on last page

PLM, TEM BULK ASBESTOS REPORT

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
5	21-10132-5	NO	NAD (by EPA 600/M4-82-020) PLM-Friable
Location:	West End		
Sample Description:	Sheetrock		
Analyst Description:	West, Granular, Homogeneous		
Asbestos Types:			
Other Material:	Cellulose 2%, Non-fibrous 98%		
6	21-10132-6	NO	NAD (by EPA 600/M4-82-020) PLM-Friable
Location:	North End		
Sample Description:	Sheetrock		
Analyst Description:	West, Granular, Homogeneous		
Asbestos Types:			
Other Material:	Cellulose 2%, Non-fibrous 98%		
7	21-10132-7	NO	NAD (by NYS ELAP 198.4) NOB-TEM
Location:	Center of Property		
Sample Description:	Roof Felts		
Analyst Description:	Black, Non-Friable, NonHomogeneous		
Asbestos Types:			
Other Material:	Non-fibrous 39.8%		
8	21-10132-8	NO	NAD (by NYS ELAP 198.4) NOB-TEM
Location:	West Side		
Sample Description:	Roof Felts		
Analyst Description:	Black, Non-Friable, NonHomogeneous		
Asbestos Types:			
Other Material:	Non-fibrous 30.7%		
9	21-10132-9	NO	NAD (by NYS ELAP 198.4) NOB-TEM
Location:	North End		
Sample Description:	Roof Felts		
Analyst Description:	Black, Non-Friable, NonHomogeneous		
Asbestos Types:			
Other Material:	Non-fibrous 5.5%		
10	21-10132-10	NO	NAD (by EPA 600/M4-82-020) PLM-Friable
Location:	SW End		
Sample Description:	Plaster		
Analyst Description:	Brown, Granular, Homogeneous		
Asbestos Types:			
Other Material:	Tr. Cellulose, Non-fibrous 100%		

See Reporting notes on last page

PLM, TEM BULK ASBESTOS REPORT

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11	21-10132-11	NO	NAD (by EPA 600/M4-82-020) PLM-Friable
Location:	West End		
Sample Description:	Plaster		
Analyst Description:	Brown, Granular, Homogeneous		
Asbestos Types:			
Other Material:	Tr. Cellulose, Non-fibrous 100%		
12	21-10132-12	NO	NAD (by EPA 600/M4-82-020) PLM-Friable
Location:	East End		
Sample Description:	Plaster		
Analyst Description:	Brown, Granular, Homogeneous		
Asbestos Types:			
Other Material:	Tr. Cellulose, Non-fibrous 100%		

Reporting Notes: PLM Analyzed by: Yelena Peysakhova

TEM Analyzed by: Roman Peysakhov

Date Analyzed: 10/15/2021

*NAD/NSD- no asbestos detected; NA= not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763, 600/R-93/116 and ELAP PLM Method 198.1 for NY Friable samples (NY ELAP LAB ID11938) (NVLAP 201041-0), NJ Dep. #12068; Note:

PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive. TEM is currently the only method that can be used to determine if this material can be considered treated as non-asbestos containing in NY State (also see EPA Advisory for floor tile, FR 59, 146,38970/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This report relates ONLY to the samples reported above.

The laboratory is not responsible for sample collection. The laboratory is not responsible for any procedures not performed by the laboratory. This report may not be used to claim product endorsement by NVLAP, ELAP or any other agency of the U.S. Government.

Reviewed by: End of Report 10/15/21

RESIDENTIAL

COMMERCIAL ☒

EMPIRE ENVIRONMENTAL LTD.
ENVIRONMENTAL CONSULTANTS
150 RIVER ROAD - F4
MONTVILLE, NJ 07045-8918

DAY FriDATE 10-8-21CLIENT: CasavellaLOCATION: 537 Franklin Ave., Nutley, NJ

TIME

SAMPLES TAKEN BY: S. Jenkins

SAMPLE #	TYPE	CONDITION	ACCESS	FRIABILITY	AMOUNT (SF/LF)	LOCATION
01	PI	SD	H	H	5 LF	West end near pipe pile
02	FT Grey (TEM)	SD	H	L	80 SF	West end
03	FT Red (TEM)	SD	H	L	120 SF	East end
04	FT Brown (TEM)	SD	H	L	120 SF	SE end
05	SR	SD	H	L	900 SF	West end
06	SR	SD	H	L	11	North side
07	RF (TEM)	SD	H	L	2,000 SF	Center of property
08	RF (TEM)	SD	H	L	11	West side

PE: PI - Pipe Insulation SP - Spray-On RF - Roof Felts PL - Plaster SR - Sheetrock DC - Duct Covering
 TB - Transite Board CT - Ceiling Tiles FT - Floor Tiles JC - Joint Compound OT - Other (describe)

CONDITION: G - Good D - Damaged SD - Significantly Damaged

ACCESSIBILITY: H - High M - Moderate L - Low FRIABILITY: H - High M - Moderate L - Low

ACQUIRED BY: S. Jenkins SIGNATURE: [Signature] DATE: 10-8-21

ANALYZED BY: [Signature] SIGNATURE: [Signature] DATE: 10/14/21

Analyzed by (Cruz) Udega 10/14/21 14:30P
 TEM & Pley 10/15/21

Analysed by (priv) US DATE: 10/14/21
TEM & RPer 10/15/21