



Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, Connecticut 06340

www.mysticair.com

maq2@aol.com

800 247-7746

July 22, 2020

James Paggioli
Town of Colchester Public Works
127 Norwich Ave.; Suite 106
Colchester, CT 06415

Re: **Pre-Demolition Asbestos Surveys (7/17/20)**
Location 1: 108 Mills Street; Colchester, CT
Location 2: 129 Westchester Road; Colchester, CT

Dear Mr. Paggioli:

As requested, Mystic Air Quality Consultants, Inc. conducted a pre-demolition asbestos survey of accessible materials at the location noted above on July 17th, 2020. This survey was conducted by our Connecticut State licensed asbestos inspectors, Bryce Aston (license #000161) and Sawyer Gunnell (license #001077), to determine the presence of asbestos-containing materials. The samples were analyzed by polarized light microscopy at Environmental Hazards Services (NVLAP # 101882-0) in Virginia.

Summary of the findings:

Location 1: 108 Mills Street; Colchester, CT

Sample #'s	Material	Location	Est. Quantity
40-42	Roofing Shingles	Roof	1500 sq. ft.
43-45	TSI	Bsmt Crawl Area	200 ln. ft.
46-48	Elbows	Bsmt Crawl Area	10 Elbows
49-51	Shed Roofing	Shed	500 sq. ft.

Location 2: 129 Westchester Road; Colchester, CT

Sample #'s	Material	Location	Est. Quantity
22-24	Bottom Layer Linoleum	Bathroom Floor	50 sq. ft.
34-38	Plaster Walls	Throughout	2500 sq. ft.

Implications of the findings

As required by state and federal regulations prior to renovation or demolition, all the asbestos-containing materials that will be disturbed by renovation, will need to be removed by a licensed asbestos abatement contractor -employing trained and certified personnel who follow all pertinent asbestos abatement regulations.



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Limitations of the survey

This survey and report only deal with accessible areas of the buildings. Additionally, there may be other non-accessible materials above ceilings, behind walls, and below floors that become evident during your renovation activity. Should the requisite EPA/OSHA competent person working for the contractor discover such materials they will need to be tested for asbestos content so determinations of their abatement and disposal (if required) can be made.

Lead TCLP Analysis results-

The results of the TCLP analysis indicate that the building materials from both of the above locations do not need to be disposed of as lead waste. The results of the samples were below the EPA's TCLP standard of 5 mg/L for lead.

Please do not hesitate to contact us with questions relating to the sample results. We thank you for the opportunity to conduct this survey.

Sincerely,

Christopher J. Eident CIH, CSP, RS
CEO

- Enclosure 1: Asbestos Lab Results & Chain of Custody -108 Mills Street; Colchester, CT
- Enclosure 2: Asbestos Lab Results & Chain of Custody -129 Westchester Road; Colchester, CT
- Enclosure 3: Rosters of Suspect Materials (both locations)
- Enclosure 4: TCLP Analysis and Chain of Custody
- Enclosure 5: Daily Job Log



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 20-07-02616

Client: Mystic Air Quality Consultants
1204 North Road Rt.117
Groton, CT 06340

Received Date: 07/20/2020
Analyzed Date: 07/22/2020
Reported Date: 07/23/2020

Project/Test Address: 108 Mills St; Colchester, CT

Client Number:
07-2564

Fax Number:
860-449-8860

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-001	1		Pink Paint-Like; White Powdery; Brown Fibrous; Gray Chalky; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
20-07-02616-002	2		Pink Paint-Like; White Powdery; Brown Fibrous; Gray Chalky; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
20-07-02616-003	3		Pink Paint-Like; White Powdery; Brown Fibrous; Gray Chalky; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
20-07-02616-004	4		Pink Paint-Like; White Powdery; Brown Fibrous; Gray Chalky; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous

Enclosure

Environmental Hazards Services, L.L.C

Client Number: 07-2564
Project/Test Address: 108 Mills St; Colchester, CT

Report Number: 20-07-02616

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-005	5		Pink Paint-Like; White Powdery; Brown Fibrous; Gray Chalky; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
20-07-02616-006	6		Beige Granular; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-007	7		Beige Granular; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-008	8		Beige Granular; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-009	9		Beige Granular; Homogeneous	Trace <1% Chrysotile	3% Cellulose 97% Non-Fibrous
Total Asbestos: Trace <1%					
20-07-02616-010	10		Beige Granular; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-011	11		Beige Texture; Gold Platelets; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-012	12		White Texture; Gold Platelets; Homogeneous	NAD	100% Non-Fibrous

Enclosure

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02616

Project/Test Address: 108 Mills St; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-013	13		White Texture; Gold Platelets; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-014A	14	Flooring	Gray Vinyl-Like; Black/Brown Fibrous; Inhomogeneous	NAD	45% Cellulose 55% Non-Fibrous
20-07-02616-014B	14	Mastic	Brown Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-015A	15	Flooring	Gray Vinyl-Like; Black/Brown Fibrous; Inhomogeneous	NAD	45% Cellulose 55% Non-Fibrous
20-07-02616-015B	15	Mastic	Brown Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-016A	16	Flooring	Gray Vinyl-Like; Black/Brown Fibrous; Inhomogeneous	NAD	45% Cellulose 55% Non-Fibrous
20-07-02616-016B	16	Mastic	Brown Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-017	17		White Brittle; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02616

Project/Test Address: 108 Mills St; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-018	18		White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-019	19		White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-020	20		White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-021	21		White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-022A	22	Tile	Light Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-022B	22	Mastic	Tan Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
20-07-02616-023A	23	Tile	Light Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-023B	23	Mastic	Tan Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564
Project/Test Address: 108 Mills St; Colchester, CT

Report Number: 20-07-02616

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-024A	24	Tile	Light Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-024B	24	Mastic	Tan Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
20-07-02616-025A	25	Tile	Light Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-025B	25	Mastic	Tan Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-026A	26	Tile	Light Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-026B	26	Mastic	Tan Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-027A	27	Tile	Light Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-027B	27	Mastic	Tan Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02616

Project/Test Address: 108 Mills St; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-028A	28	Ceramic Tile	Pink Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-028B	28	Grout	Gray Granular; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-028C	28	Mortar	Gray Granular; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-029	29		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-030A	30	Ceramic Tile	Pink Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-030B	30	Grout	Gray Granular; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02616-031	31		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-032	32		Gray Granular; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02616

Project/Test Address: 108 Mills St; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-033A	33	Ceramic Tile	Pink Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-033B	33	Other *	White Granular; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
*Granular Material I					
20-07-02616-033C	33	Other *	Gray Granular; Homogeneous	NAD	100% Non-Fibrous
*Granular Material II					
20-07-02616-033D	33	Other *	White Chalky; Fibrous; Homogeneous	NAD	8% Cellulose 92% Non-Fibrous
*Drywall-Like Material					
20-07-02616-033E	33	Other *	Tan Brittle; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
*Mastic-Like Material					
20-07-02616-034A	34	Ceramic Tile	Gray/Tan Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-034B	34	Grout	White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-034C	34	Mastic	Tan Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02616

Project/Test Address: 108 Mills St; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-035A	35	Ceramic Tile	Gray/Tan Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-035B	35	Grout	White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-035C	35	Mastic	Tan Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-036A	36	Ceramic Tile	Gray/Tan Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-036B	36	Grout	White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-036C	36	Mastic	Tan Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-037A	37	Ceramic Tile	Pink/Tan Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-037B	37	Grout	White Brittle; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02616

Project/Test Address: 108 Mills St; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-037C	37	Mastic	Tan Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-038A	38	Ceramic Tile	Pink/Tan Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-038B	38	Grout	White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-038C	38	Mastic	Tan Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-039A	39	Ceramic Tile	Pink/Tan Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-039B	39	Grout	White Brittle; Homogeneous	NAD	100% Non-Fibrous
20-07-02616-039C	39	Mastic	Tan Adhesive; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02616-040	40		Gray Aggregate; Black Tar-Like; Fibrous; Inhomogeneous	3%-Chrysotile	20% Cellulose 77% Non-Fibrous
				Total Asbestos: 3%	
Chrysotile present throughout sample.					

Environmental Hazards Services, L.L.C

Client Number: 07-2564
Project/Test Address: 108 Mills St; Colchester, CT

Report Number: 20-07-02616

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-041	41			Did Not Analyze (Positive Stop)	
20-07-02616-042	42			Did Not Analyze (Positive Stop)	
20-07-02616-043	43		Gray Fibrous; Homogeneous	65% Chrysotile	15% Cellulose 20% Non-Fibrous
Total Asbestos: 65%					
20-07-02616-044	44			Did Not Analyze (Positive Stop)	
20-07-02616-045	45			Did Not Analyze (Positive Stop)	
20-07-02616-046	46		Gray Fibrous; Homogeneous	80% Chrysotile	20% Non-Fibrous
Total Asbestos: 80%					
20-07-02616-047	47			Did Not Analyze (Positive Stop)	
20-07-02616-048	48			Did Not Analyze (Positive Stop)	
20-07-02616-049	49		Black Tar-Like; Fibrous; Inhomogeneous	2% Chrysotile	45% Cellulose 53% Non-Fibrous
Total Asbestos: 2%					
Chrysotile present throughout sample.					

Environmental Hazards Services, L.L.C

Client Number: 07-2564
Project/Test Address: 108 Mills St; Colchester, CT

Report Number: 20-07-02616

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02616-050	50			Did Not Analyze (Positive Stop)	
20-07-02616-051	51			Did Not Analyze (Positive Stop)	

QC Sample: 50-M22013-3
QC Blank: SRM 1866 Fiberglass
Reporting Limit: 1% Asbestos
Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020
Analyst: Keleigh King

Reviewed By Authorized Signatory:

Melissa Kanode

Missy Kanode
 QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected



Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

20-07-02616



Due Date:
07/23/2020
(Thursday)
AE

City/state/zip: Groton, Ct. 06340

Acct. Number: 07-2564

Company Name: Mystic Air Quality Consultants Address: 1204 North Rd., Groton, CT 06340

Phone: 860 449 8903

Fax: 860 449 8903

E-mail: maqc2@aol.com

Project Name and Address: 108 Mills St.

City/State(required) Colchester, CT

Collected by: B. Aston

Signature

Mystic Air Client: Colchester Public Works

Turn around time: Standard One day (will call ahead)

No.	Client's Sample No.	Date Collected	PLM Analysis	Other Analysis Specify	Material Description	Sample Location	Comments
1	1-5	7/17/22	X		SH/TIC	Walls/Ceiling	Pos Home sty
2	6-10				Plaster	Walls	
3	11-13				Ceiling texture	Ceiling texture A/Ceiling	
4	14-16				Flooring	2nd fl stairwell landing/stairs	
5	17-21				Skid coat	Walls	
6	22-24				12x12 speckled tile	1st floor stairwell landing	
7	25-27				12x12 white tile	Porch Entrance floor	
8	28-30				Ceramic tile grout	1st floor bathroom floor	
9	31-33				Ceramic tile mortar	"	
10	34-36				Ceramic tile grout	" walls	
11	37-39				Ceramic tile glue	" walls	
12	40-42				Roof shingle	Roof	
13	43-45				+5x	Basement crawl space	
14	46-48				Elbows	"	
15	49-51				Shed roofing	Shed roof	

Released by: Royal Aston

Signature:

date: 7/17/2020

Received by: [Signature]

Signature:

date: 7/20/2020



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 20-07-02614

Client: Mystic Air Quality Consultants
1204 North Road Rt.117
Groton, CT 06340

Received Date: 07/20/2020
Analyzed Date: 07/21/2020
Reported Date: 07/22/2020

Project/Test Address: 129 Westchester Rd; Colchester, CT

Client Number:
07-2564

Fax Number:
860-449-8860

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-001	1		Black Tar-Like; Brown Fibrous; Multi-Colored Aggregate; Inhomogeneous	NAD	50% Cellulose 50% Non-Fibrous
20-07-02614-002	2		Black Tar-Like; Brown Fibrous; Multi-Colored Aggregate; Inhomogeneous	NAD	50% Cellulose 50% Non-Fibrous
20-07-02614-003	3		Black Tar-Like; Brown Fibrous; Multi-Colored Aggregate; Inhomogeneous	NAD	50% Cellulose 50% Non-Fibrous
20-07-02614-004	4		Black Fibrous; Homogeneous	NAD	80% Cellulose 20% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-005	5		Black Fibrous; Homogeneous	NAD	80% Cellulose 20% Non-Fibrous
20-07-02614-006	6		Black Fibrous; Homogeneous	NAD	80% Cellulose 20% Non-Fibrous
20-07-02614-007	7		Beige Brittle; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
20-07-02614-008	8		Beige Brittle; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
20-07-02614-009	9		Beige Brittle; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
20-07-02614-010A	10	Linoleum	Off-White Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-010B	10	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-011A	11	Linoleum	Off-White Vinyl; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-011B	11	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-012A	12	Linoleum	Off-White Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-012B	12	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-013	13		Off-White Vinyl; White Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-014	14		Off-White Vinyl; White Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-015	15		Off-White Vinyl; White Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-016	16		Brown Vinyl; Tan Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-017	17		Brown Vinyl; Tan Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-018	18		Brown Vinyl; Tan Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-019A	19	Linoleum	White/Gray Vinyl; White Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-019B	19	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02614-020A	20	Linoleum	White/Gray Vinyl; White Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-020B	20	Mastic	Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
20-07-02614-021A	21	Linoleum	White/Gray Vinyl; White Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-021B	21	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
20-07-02614-022A	22	Linoleum	Beige Vinyl; White Fibrous; Inhomogeneous	20% Chrysotile	80% Non-Fibrous
Total Asbestos: 20%					
Chrysotile present in fibrous backing.					

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-022B	22	Mastic	Yellow Adhesive; Homogeneous	2% Chrysotile	98% Non-Fibrous
Total Asbestos: 2%					
Possible contamination from fibrous backing.					
20-07-02614-023A	23	Linoleum		Did Not Analyze (Positive Stop)	
20-07-02614-023B	23	Mastic		Did Not Analyze (Positive Stop)	
20-07-02614-024A	24	Linoleum		Did Not Analyze (Positive Stop)	
20-07-02614-024B	24	Mastic		Did Not Analyze (Positive Stop)	
20-07-02614-025A	25	Panel	Off-White/White Vinyl-Like; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-025B	25	Mastic	Off-White Pliable Adhesive; Homogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-07-02614-026A	26	Panel	Off-White/White Vinyl-Like; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-026B	26	Mastic	Off-White Pliable Adhesive; Homogeneous	NAD	8% Cellulose 92% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-027A	27	Panel	Off-White/White Vinyl-Like; Homogeneous	NAD	100% Non-Fibrous
20-07-02614-027B	27	Mastic	Off-White Pliable Adhesive; Homogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-07-02614-028A	28	Panel	Brown/Beige Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-07-02614-028B	28	Mastic	Off-White Pliable; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous
20-07-02614-029A	29	Panel	Brown/Beige Fibrous; Off-White Paint; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-07-02614-029B	29	Mastic	Off-White Pliable; Homogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-07-02614-030A	30	Panel	Brown/Beige Fibrous; Off-White Paint; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-07-02614-030B	30	Mastic	Off-White Pliable; Homogeneous	NAD	5% Cellulose 95% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-031	31		Pale Gray Powdery; Brown/Cream Fibrous; White Chalky; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-032	32		Pale Gray Powdery; Brown/Cream Fibrous; White Chalky; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-033	33		Pale Gray Powdery; Brown/Cream Fibrous; White Chalky; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-07-02614-034	34		Beige Cementitious Granular; Cream Chalky; Inhomogeneous	Trace <1% Chrysotile	100% Non-Fibrous
Total Asbestos: Trace <1% 2% Chrysotile present in cream chalky material.					
20-07-02614-035	35		Beige Cementitious Granular; Cream Chalky; Inhomogeneous	Trace <1% Chrysotile	100% Non-Fibrous
Total Asbestos: Trace <1% Chrysotile present throughout. <1% Chrysotile present in beige cementitious granular material and 2% chrysotile present in cream chalky material.					
20-07-02614-036	36		Beige Cementitious Granular; Off-White Chalky; Inhomogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-07-02614-037	37		Beige Cementitious Granular; Cream Chalky; Inhomogeneous	Trace <1% Chrysotile	100% Non-Fibrous
Total Asbestos: Trace <1%					
2% Chrysotile present in cream chalky material.					
20-07-02614-038	38		Beige Cementitious Granular; Cream Chalky; Inhomogeneous	Trace <1% Chrysotile	100% Non-Fibrous
Total Asbestos: Trace <1%					
2% Chrysotile present in cream chalky material.					
20-07-02614-039	39		Black Tar-Like; Fibrous; Gray/Red Aggregate; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-07-02614-040	40		Black Tar-Like; Fibrous; Gray/Red Aggregate; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-07-02614-041	41		Black Tar-Like; Fibrous; Gray/Red Aggregate; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 07-2564

Report Number: 20-07-02614

Project/Test Address: 129 Westchester Rd; Colchester, CT

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 48-M12017-2

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Kay Harris

Reviewed By Authorized Signatory:

Melissa Kanode

Missy Kanode

QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected



Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

20-07-02614



Due Date:
07/23/2020
(Thursday)
AE

VH

41 PM

City/state/zip: Groton, Ct. 06340

Accel. Number: 07-2564

Company Name: Mystic Air Quality Consultants Address: 1204 North Rd., Groton, CT 06340

Phone: 860 449 8903

Fax: 860 449 8903

E-mail: maqc2@aol.com

Project Name and Address: 129 Westchester Rd

City/State(required) Colchester, CT

Collected by: Bryce Astor

Signature [Signature]

Mystic Air Client: Colchester Public Works

Turn around time: Standard ☒ One day (will call ahead)

No.	Client's Sample No.	Date Collected	PLM Analysis	Other Analysis Specify	Material Description	Sample Location	Comments
1	8-11 1-3	7/17/2020	X		Siding shingles	Ext. of home	Pos Home stop
2	4-6				Siding vapor barrier	Ext. of home	
3	7-9				Window glazing	All windows	
4	10-12				Dining room Linoleum	Dining room Top layer Kitchen floor	
5	13-15				Linoleum floor	Dining room floor	
6	16-18				Bottom layer floor	Kitchen 1st layer floor	
7	19-21				Linoleum floor	Top layer bathroom floor	
8	22-24				Linoleum floor	Bottom layer Bathroom floor	
9	25-27				Panel glue	Shower wall Bathroom	
10	28-30				Panel glue	Kitchen backsplash above sink	
11	31-33				Sheetrock + JC	Ceilings, A side wall in living room	
12	34-38				Plaster walls	Throughout	
13	39-41				Roof shingles	Roof	
14							
15							

Released by:

Signature: [Signature]

date: 7/17/20

Received by: T. Logan

Signature: [Signature]

date: 7/20/20



Mystic Air Quality Consultants, Inc.
1204 North Road, Groton, Connecticut 06340
www.mysticair.com mqc2@aol.com 800 247-7746

SUSPECT ASBESTOS CONTAINING MATERIALS ROSTER

SITE: 108 mill st
Colchester, CT

DATE: 7/17/2020

☒ Demo ☐ Pre-Reno ☐ Limited & Directed

Sample Numbers	Type of Material	Quantity	Condition	Location of Materials
1-5	SH/JL	25W	D	Walls/Ceiling, 2nd Floor/Up
6-10	Plaster	25W		Walls 1st Floor " "
11-13	Ceiling texture	2000		All ceilings
14-16	Flooring	300		2nd Floor stairs (landing + stair head)
17-21	Shim roof			Walls 2nd Flr
22-24	12x12 speckle white FF/mastic	50		1st floor stairwell landing
25-27	12x12 white FF/mastic	50		Porch Entrance floor
28-30	Ceramic tile grout	75	D	1st floor Bathroom Floor
31-33	ceramic tile mortar	75	D	" "
34-36	ceramic tile grout	150	D	" walls "
37-39	ceramic tile grout glue	150		" walls "
40-42	Rubbers shingles	15W	D	Roof
43-45	TSI	200 CF	D	Basement crawl space Ant floor
46-48	Elbows	10 elbows	D	CC "
49-51	Shed Roofing	500 FT ²		Shed Roof

COMMENTS: Replacement wood windows/doors

Inspector: [Signature]

Page ____ of ____



Mystic Air Quality Consultants, Inc.
1204 North Road, Groton, Connecticut 06340
www.mysticair.com mqc2@aol.com 800 247-7746

SUSPECT ASBESTOS CONTAINING MATERIALS ROSTER

SITE: 129 Westchester Road

DATE: 7/17/20

☒ Demo ☐ Pre-Reno ☐ Limited & Directed

Sample Numbers	Type of Material	Quantity	Condition	Location of Materials
1-3	Siding Shingles		D	Ext. of home
4-6	Siding Shingle Vapor barrier		D	Ext. of home
7-9	Window glazing	35 windows	D	All windows
10-12	Dining Room Linoleum	100ft ²	D	Dining Room
13-15	Top Layer Kitchen Floor	75ft ²	D	Kitchen
16-18	Bottom layer Kitchen ^{Flooring}	75ft ²	D	Kitchen
19-21	Top layer floor Bathroom	50ft	D	Bathroom 1st floor
22-24	Bottom layer Bathroom	50ft	D	Bathroom 1st floor
25-27	Panel glue	20ft ²	D	Shower wall Bathroom 1st floor
28-30	Panel glue	20ft ²	D	Kitchen Backsplash above sink
31-33	Sheetrock + JC	1000ft ²	D	Ceilings, A wall in living room
34-38	Plaster skinning ^{walls}	2566ft ²	D	Throughout
39-41	Roof shingles	1300ft ²	D	Roof

COMMENTS: Mostly ceiling Sheetrock

Inspector: Suzanne

Page 1 of 1

Mystic Air Quality is an AIHA Accredited Lab FAX: 860 449 8860



ENCLOSURE 3 PAGE 2 OF 2



Lead TCLP Analysis Report

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Report Number: 20-07-02591

Client: Mystic Air Quality Consultants
1204 North Road Rt.117
Groton, CT 06340

Received Date: 07/20/2020
Analyzed Date: 07/21/2020
Reported Date: 07/21/2020

Project/Test Address: 129 Westchester Rd; Colchester, CT

Client Number:
07-2564

Fax Number:
860-449-8860

Laboratory Results

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Lab Sample Number	Client Sample Number	Sample Description	Sample Weight (g)	Concentration ppm (mg/L)	Narrative ID
20-07-02591-001	TCLP 1	Building Debris	100	<0.50	
20-07-02591-002	TCLP 2	Building Debris	100	1.4	

Regulatory Limit: 5.0 mg/L

Reporting Limit: 0.50 mg/L

Method: EPA SW846 1311/3010A/7000B

Analyst: Anthony Dee

Reviewed By Authorized Signatory:

Melissa Kanode

Missy Kanode
QA/QC Clerk

Method EPA SW846 1311 recommends 100g for analysis.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. All internal quality control requirements associated with the batch were met, unless otherwise noted. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714.

Legend g = gram ppm = parts per million mg/L = milligrams per liter

Enclosure

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Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800) 347-4010 Richmond, VA
(804) 275-4907 (fax) 23237

Metals Chain-of-Custody

20-07-02591



Due Date:
07/23/2020
(Thursday)
AE

2 Pb TLA

Company Name: Mystic Air Quality Consultants

Address: 1204 North Rd., Rt. 117

City/State/Zip: Groton, Ct. 06340

Phone: 860-449-8903

Fax: 860-449-8860

E-mail: _____

Acct. Number: 07-2564

Project Name/Testing Address: 129 Westchester Rd.

City/State(required) Colchester, CT.

Collected by: Savage/Gunnell

Certification Number: _____

Purchase Order Number: _____

Turn Around Times:

If no TAT is specified, sample(s) will be processed and charged as 3 - day TAT.

☐ 1 - Day ☐ 2 - Day ☒ 3 - Day ☐ Same Day (Must Call Ahead) ☐ Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	METALS						OTHER METALS	PARTICULATES					AIR			Comments
			Pb TCLP	TCLP RCRA 8	RCRA 8 Total Metals	Toxic Metal Profile	Welding Fume Profile	Total Nuisance Dust		Respirable Dust	TSP Gravimetric	TSP Pb	PM-10	Flow Rate (L/min)	Total Time (minutes)	Volume (Total Liters)		
1	TCLP #1	7/14/20	X															
2	TCLP #2	7/17/20	X															
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Released by: _____	Signature: <u>Savage/Gunnell</u>	Date/Time: <u>7/17/20</u>
Received by: <u>J. Delgado</u>	Signature: _____	Date/Time: <u>7/20/20 114</u>

ENCLOSURE 4 PAGE 2 OF 2

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Mystic Air Quality Consultants

1204 North Road (Rt. 117)
Groton, CT 06340

Date 7/17/20
Page 1 of 1

DAILY JOB LOG

Client Colchester Public Works Site Supervisor _____

Site Location 108 Mill Street, 129 Westchester Rd. Colchester, CT

GENERAL OBSERVATIONS

Containment Location _____

MAQC onsite

• Pre demo Samples of 2 homes w/ Byee.

• Both w/ TELP

HYGIENIST'S
NAME _____

HYGIENIST'S
SIGNATURE Suzanne Gully

TIME ON SITE: _____

TIME OFF SITE: _____

Telecommunications
Office: 860 449 8903
Nights &
Weekends: 860 464 2050
FAX: 860 449 8860
Toll Free: 1 800 247 7746