

# ENVIRONMENTAL HEALTH INC.

P.O. BOX 186 DOVER, MASSACHUSETTS 02030  
(508)785-2258

January 2, 2020

Mr. Bruce Sullivan  
Dec-Tam Corporation  
50 Concord Street  
North Reading, MA 01864

RE: Asbestos Bulk Samples – **Maynard Fire Department, Maynard, MA**

Dear Mr. Sullivan:

On December 18, 2019, I was onsite at the Maynard Fire Department in Maynard, MA to collect bulks samples of a suspect asbestos-containing materials. The samples were taken prior to renovations in accordance with the EPA NESHAP regulations. Materials in question was pipe insulation. There were numerous layers of corrugated paper in the insulation. There was both a white layer and tan layer within the unsulation.

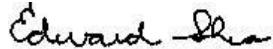
The samples were placed into clear closable bags and then double bagged. They were then hand delivered to the Asbestos Identification Laboratory in Woburn, MA for analysis. Asbestos Identification Laboratory is a Massachusetts-licensed and NVLAP-accredited laboratory. All standard chain of custody procedures were followed during the delivery and transfer of the samples. The samples were analyzed by polarized light microscopy.



The pipe insulation **was** identified as asbestos-containing materials (ACM). The EPA defines asbestos-containing material (ACM) as a material with an asbestos content greater than 1%. The Massachusetts DEP defines ACM as a material with the content greater than or equal to 1%.

Attached is the sample summary and laboratory report. Please give me a call if you have any questions.

Sincerely,

A handwritten signature in black ink that appears to read "Edward Shea".

Edward Shea  
Inspector AI033814

**THE DECTAM CORPORATION  
MAYNARD FIRE DEPT.  
BULK SAMPLE RESULTS**

Sample #	Location	Material	Asbestos Content
01121819A	Garage above ceiling	Tan layer pipe insulation	ND
01121819B	Garage above ceiling	White layer pipe insulation	30 Chrysotile
02121819	Garage above ceiling	Tan layer pipe insulation	ND

**PHOTO**



*Figure 1: Pipe insulation is asbestos-containing.*



## Asbestos Identification Laboratory

165 New Boston St., Ste 227

Woburn, MA 01801

781-932-9600

Web: [www.asbestosidentificationlab.com](http://www.asbestosidentificationlab.com)

Email: [mikemanning@asbestosidentificationlab.com](mailto:mikemanning@asbestosidentificationlab.com)

Batch:

49259

NVLAP®  
Lab Code: 200919-0

December 19, 2019

Ed Shea  
Environmental Health, Inc.  
P.O. Box 186  
Dover, MA 02030

**Project Name:** Dectam-MFD  
**Project Number:** 12/18/19  
**Date Sampled:** 2019-12-19  
**Work Received:** 2019-12-19  
**Work Analyzed:** 2019-12-19

**Analysis Method:** BULK PLM ANALYSIS EPA/600/R-93/116

Dear Ed Shea,

Asbestos Identification Laboratory has completed the analysis of the samples from your office for the above referenced project. The information and analysis contained in this report have been generated using the EPA /600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. Materials or products that contain more than 1% of any kind or combination of asbestos are considered an asbestos containing building material as determined by the EPA. This Polarized Light Microscope (PLM) technique may be performed either by visual estimation or point counting. Point counting provides a determination of the area percentage of asbestos in a sample. If the asbestos is estimated to be less than 10% by visual estimation of friable material, the determination may be repeated using the point counting technique. The results of the point counting supersede visual PLM results. Results in this report only relate to the items tested. This report may not be used by the customer to claim product endorsement by NVLAP or any other U.S. Government Agency. Laboratory results represent the analysis of samples as submitted by the customer. Information regarding sample location, description, area, volume, etc., was provided by the customer. Asbestos Identification Laboratory is not responsible for sample collection activities or analytical method limitations. Unless notified in writing to return samples, Asbestos Identification Laboratory discards customer samples after 30 days. Samples containing subsamples or layers will be analyzed separately when applicable. Reports are kept at Asbestos Identification Laboratory for three years. This report shall not be reproduced, except in full, without the written consent of Asbestos Identification Laboratory.

- NVLAP Lab Code: 200919-0
- Massachusetts Certification License: AA000208
- State of Connecticut, Department of Public Health Approved Environmental Laboratory Registration Number: PH-0142
- State of Maine, Department of Environmental Protection Asbestos Analytical Laboratory License Number: LB-0078(Bulk) LA-0087(Air)
- State of Rhode Island and Providence Plantations. Department of Health Certification: AAL-121
- State of Vermont, Department of Health Environmental Health License AL934461

Thank you Ed Shea for your business.

Michael Manning  
Owner/Director

December 19, 2019

Ed Shea  
Environmental Health, Inc.  
P.O. Box 186  
Dover, MA 02030

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**Project Number:** 12/18/19  
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FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
01121819-A	Tan Pipe Insulation	Garage Above Ceiling	tan	Cellulose	80
545628				Non-Fibrous	20
01121819-B	White Pipe Insulation	Garage Above Ceiling	white	Cellulose	40
545629				Non-Fibrous	30
02121819	Pipe Insulation	Garage Above Ceiling	tan	Cellulose	90
545630				Non-Fibrous	10

Thursday 19



End of Report

Page 1 of 1

Analyzed by:

Batch: 49259

Client:

EHT

Address: P.O. Box 186 Dover MA 02330

Project Site &amp; #: Deton - MFD - 12/18/02

Phone / email address:

(617) 201-7731

Contact: Ed Shea

Relinquish by/date:

Received by/date: 12/23/02

# of Samples Received: 3

## CHAIN OF CUSTODY

EPA/600/R-93/16

Page 1 of 1

## Asbestos Identification Lab

165 New Boston St.

Suite 227

Woburn, MA 01801

(781)932-9600

www.asbestosidentificationlab.com

Date Sampled: 12/19/02

BATCH# 49259

Rev 12/15

Stereo Scope

Optical Properties

RI

Non-Asbestos Percentage (%)

 Less 3 Hrs  
 Same Day  
 Bulk

 Next Day  
 Two Day  
 Wipe

 Point Count  
 Yes/No  
 Notify Method: Mail/E-Mail/Verbal

 Stop on 1st Positive?  
 Yes/No  
 Analyzed By: DR. J. J. J.  
 Date: 12/19/02

Lab ID# (Lab Use Only)		Asbestos Identification Lab									
Field ID/ (Client Reference)		165 New Boston St. Suite 227 Woburn, MA 01801 (781)932-9600 www.asbestosidentificationlab.com									
Material / Location		Date Sampled: 12/19/02									
Material	Location	% of Asbestos	Color	Homogeneity	Texture	Friable	Asbestos Minerals	Asbestos %	Morphology	Extinction	Sign of Elongation
Material	Location	0121810	Tan pipe insulation	0	+	Y	Chrysotile	Chrysotile	Extinction	Sign of Elongation	Birefringence
Material	Location	29 01 "	white pipe insulation	0	W	~	Amosite	Amosite	Extinction	Sign of Elongation	Pleochroism
Material	Location	02 "	Material	0	+	Y	Crocidolite	Crocidolite	Extinction	Sign of Elongation	Pleochroism
Material	Location	02 "	Pipe insulation	0	+	Y	Tremolite	Tremolite	Extinction	Sign of Elongation	Pleochroism
Material	Location	" "	"	"	"	"	Anthophyllite	Anthophyllite	Extinction	Sign of Elongation	Pleochroism
Material	Location	" "	"	"	"	"	Actinolite	Actinolite	Extinction	Sign of Elongation	Pleochroism
Amosite			Chrysotile	2	W	P	Amosite	Amosite	Extinction	Sign of Elongation	Pleochroism
Crocidolite			Amosite	2	W	P	Crocidolite	Crocidolite	Extinction	Sign of Elongation	Pleochroism
Tremolite			Amosite	2	W	P	Tremolite	Tremolite	Extinction	Sign of Elongation	Pleochroism
Anthophyllite			Amosite	2	W	P	Anthophyllite	Anthophyllite	Extinction	Sign of Elongation	Pleochroism
Actinolite			Amosite	2	W	P	Actinolite	Actinolite	Extinction	Sign of Elongation	Pleochroism
Chrysotile			Amosite	2	W	P	Chrysotile	Chrysotile	Extinction	Sign of Elongation	Pleochroism
Amosite			Amosite	2	W	P	Amosite	Amosite	Extinction	Sign of Elongation	Pleochroism
Crocidolite			Amosite	2	W	P	Crocidolite	Crocidolite	Extinction	Sign of Elongation	Pleochroism
Tremolite			Amosite	2	W	P	Tremolite	Tremolite	Extinction	Sign of Elongation	Pleochroism
Anthophyllite			Amosite	2	W	P	Anthophyllite	Anthophyllite	Extinction	Sign of Elongation	Pleochroism
Actinolite			Amosite	2	W	P	Actinolite	Actinolite	Extinction	Sign of Elongation	Pleochroism