



Richmond, Town of	
PO Box 285	100740
Richmond, VT 05477	
Atten: Allen Carpenter	

PROJECT: WSID 5084 Asbestos
 WORK ORDER: 2303-06367
 DATE RECEIVED: March 13, 2023
 DATE REPORTED: March 23, 2023
 SAMPLER: Brad Snow

VT0005084

Laboratory Report

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody. All required method quality control elements including instrument calibration were performed in accordance with method requirements and determined to be acceptable unless otherwise noted.

The column labeled Lab/Tech in the accompanying report denotes the laboratory facility where the testing was performed and the technician who conducted the assay. A "W" designates the Williston, VT lab under NELAC certification ELAP 11263; "R" designates the Lebanon, NH facility under certification NH 2037 and "N" the Plattsburgh, NY lab under certification ELAP 11892. "Sub" indicates the testing was performed by a subcontracted laboratory. The accreditation status of the subcontracted lab is referenced in the corresponding NELAC and Qual fields. The Williston, VT facility is also ISO/IEC 17025:2017 accredited for Total Coliform and E coli by SM9223B.

The NELAC column also denotes the accreditation status of each laboratory for each reported parameter. "A" indicates the referenced laboratory is NELAC accredited for the parameter reported. "N" indicates the laboratory is not accredited. "U" indicates that NELAC does not offer accreditation for that parameter in that specific matrix. Test results denoted with an "A" meet all National Environmental Laboratory Accreditation Program requirements except where denoted by pertinent data qualifiers. Test results are representative of the samples as they were received at the laboratory

Endyne, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose.

Reviewed by:

Harry B. Locker, Ph.D.
Laboratory Director

Laboratory Report

DATE REPORTED: 03/23/2023

CLIENT: Richmond, Town of
 PROJECT: WSID 5084 Asbestos

WORK ORDER: **2303-06367**
 DATE RECEIVED: 03/13/2023

001 Site: 388 Cochran Rd, Richmond Date Sampled: 3/13/23 Time: 10:50

Facility ID: DS001 Smp Pt: AS001 Categ: GE Smp Type: RT Compl Ind: Y Repl Ind: N

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date/Time</u>	<u>Lab/Tech</u>	<u>NELAC</u>	<u>Qual.</u>
Asbestos	< 0.19	MFL	EPA 600/R-94/134	3/22/23	SWSUB	A	SBE

Report Summary of Qualifiers and Notes

SBE: Analysis performed by subcontracted laboratory, EMSL Analytical, Inc ELAP#11606. Results are presented here for your convenience. The complete subcontracted report has been appended to this report. Endyne will submit this data electronically to the State of VT Water Supply Division in accordance with their policy and standards.



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order ID: 042306180
Customer ID: ENDV34
Customer PO:
Project ID:

Attn: Eileen Toomey
Endyne, Inc.
160 James Brown Drive
Williston, VT 05495

Phone: (802) 879-4333
Fax: (802) 879-7103
Received: 03/14/2023
Analyzed: 03/22/2023

Proj: 2303-06367-W

Test Report: Determination of Asbestos Structures >10µm in Drinking Water Performed by the 100.2 Method (EPA 600/R-94/134)

ASBESTOS

Sample ID Client / EMSL	Sample Filtration Date/Time	Original Sample Vol. Filtered (ml)	Effective Filter Area (mm ²)	Area Analyzed (mm ²)	Asbestos Types	Fibers Detected	Analytical Sensitivity	Concentration	Confidence Limits
								MFL (million fibers per liter)	
001 042306180-0001	3/14/2023 12:53 PM	50	1333	0.1397	None Detected	ND	0.19	<0.19	0.00 - 0.70

Collection Date/Time: 03/13/2023 10:50 AM

Bottle supplied by client

Analyst(s)

Debbie Little (1)

Samantha Rundstrom, Laboratory Manager
or Other Approved Signatory

Any questions please contact Samantha Rundstrom-Cruz.

Initial report from: 03/22/2023 18:26:23

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty is available on request. Sample collection performed by the client. Pre-cleaned sample containers are available for purchase from EMSL. Note if sample containers are provided by the client, acceptable bottle blank level is defined as ≤0.01MFL for ≥10µm fibers. ND=None Detected. No Fibers Detected: the value will be reported as less than 369% of the concentration equivalent to one fiber. 1 to 4 fibers: The result will be reported as less than the corresponding upper 95% confidence limit (Poisson), 5 to 30 fibers: Mean and 95% confidence intervals will be reported on the basis of the Poisson assumption. When more than 30 fibers are counted, both the Gaussian 95% confidence interval and the Poisson 95% confidence interval will be calculated. The large of these two intervals will be selected for data reporting. When the Gaussian 95% confidence interval is selected for data reporting, the Poisson will also be noted.



Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAC NYS ELAP 10872, NJ DEP 03036, FL DOH E87975, PA ID# 68-00367

Endyne Inc. COC

2303-06367

WSID 5084 Asbestos

Prepared: 2/17/23



Bill to: Richmond Water Resources
PO Box 468
Richmond VT 05477
Ph: 1-802-434-2178

Report to: Allen Carpenter
Richmond, Town of
PO Box 285
Richmond VT 05477
acarpen@richmondvt.gov

Cust # 100
VT0005
ASB0005

Richmond, Town of
WSID 5084 Asbestos

Facility ID: DS001 Smp Pt: AS001 Categ: GE Smp Type: RT Repl Ind: N Compl Ind: Y/N
Location 5084 388 Cochran Rd, Richmond Sampled Date/Time: 3/13/23 @ 10:50am
Asbestos 1 Liter Plastic < 6C

One or more sample bottles in this project must be kept refrigerated or on ice until delivery at the laboratory.

Initial here allow Endyne to proceed with analysis if the temperature preservation requirements are not satisfied.



Samples were received in the lab on ice. Y / N

Sampler: Brad Snow
Relinquished by: [Signature] 3/13/23 11:50am Accepted by: _____ Date Time
Relinquished by: _____ Received by: [Signature] 3/13/23 1:30 Date Time
Sites/Parameters correct as listed. Client Initials _____
Client Authorization to use Subcontract lab Client Initials _____
Sample origin: VT NH NY Other
Special reporting instructions: (PO#) _____
Requested Turnaround Time: Routine: Rush Due Date _____

Delv: Clear Tmpl Ck Log by _____
Temp C: 4.2 Lab use Only
Comment: _____



160 James Brown Dr.
Williston, VT 05495
Ph 802-879-4333
Fax 802-879-7103

56 Etna Road
Lebanon, NH 03766
Ph 603-678-4891
Fax 603-678-4893

315 New York Rd.
Plattsburgh, NY 12903
Ph 518-563-1720
Fax 518-563-0052