

168 Canal Street - suite 808, (212) 941 - 1483, Fax: (212) 941 - 7545

**D.G. Hart
Management, Inc.**

Fax

To: Mr. R. Radhakrishnan, P.E.	From: Paul Esposito
Fax: 718-595-3744	Pages: 89
Phone:	Date: 4/4/02
Re: 128 Chambers /85 West Broadway	CC:

☐ Urgent ☒ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

• **Comments:** As per your faxed request, please review the following.

ENTERED

MAR-29-02 05:47 AM

P.01

Vladimir Elzon
Environmental Consultant
184 Jaffray Street
Brooklyn, NY 11235
(718) 934-7607

March 10, 2002

ATTN: Dadourian Expert Corp.
ATTN: Paul Esposito
128 Chambers Street
New York, NY 10007

RE: 128 Chambers Street a.k.a. 85-93 West Broadway

Dear Mr. Esposito:

As per your request, I performed the necessary follow-up asbestos inspection and testing at the above noted location after the recommended cleaning (as referred to in my letter to you, dated February 3rd, 2002). In addition to the dust samples, we also performed air quality tests. Both the sampling and the tests came back with *negative* results and show no presence of asbestos-containing materials (ACM) in the air and the interior/exterior surfaces of the building.

If you have any questions and concerns related to the above findings, please feel free to contact me at (718) 934-7607.

Thank you.

Sincerely,


Vladimir Elzon

MAR-29-02 05:48 AM

P. 03

Safe Environmental Consultants, Inc.

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448 Neptune Avenue, Suite 22H, Brooklyn, N. Y. 11224 ♦ Tel.: (718) 372-4094 ♦ Fax: (718) 372-7076
 5714 16 Avenue, Brooklyn, N. Y. 11219 ♦ Tel.: (718) 437-5331 ♦ Fax: (718) 437-5332

BULK SAMPLES ANALYTICAL REPORT

Date Collected: 02/02/2002
 Collected By: V. Elzon
 Date Received: 02/02/2002
 Date Analyzed: 02/02/2002
 Analyzed By: S. Krimgold
 Signature: *S. Krimgold*
 Analytical Method: NIOSH 7400
 NYS DOH ELAP LAB #: 11716

Client:
 D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
 Entire
 CPN: N/A

Sample ID: #	R-1	R-2	2-1	2-2	2-3
Lab. ID: #	020202-11	020202-12	020202-13	020202-14	020202-15
Homogeneous:	No	No	No	No	No
Friable:	Yes	Yes	Yes	Yes	Yes
Fibrous:	Yes	Yes	Yes	Yes	Yes
Color:	D. Grey	D. Grey	D. Grey	D. Grey	D. Grey
Asbestos Content/Type:	Trace Chrysotile	Trace Chrysotile	NAD	NAD	NAD
Fibrous Materials:	4% F. Glass 2% Cellulose	3% F. Glass 2% Cellulose	1% Cellulose	4% Cellulose	2% Cellulose
Non-Fibrous Materials:	94% Carbonate	95% Carbonate	99% Carbonate	96% Carbonate	98% Carbonate
Sample Location:	Roof	Bulkhead	2 nd Floor W Vestibule	2 nd Floor Middle of Area	2 nd Floor East Side
Sample Description:	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe

* Analysis of the samples are performed by PLM (Polarized Light Microscopy) as per EPA Method (EPA 600/M4-82-020) 40 CFR, Subpart F, Appendix A and NYS DOH ELAP Method (Item 188.1) * Results applicable to those items tested. * Liability Limited to the cost of analysis. * NAD- No Asbestos Detected

* Disclaimer: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings 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.

MAR-29-02 05:49 AM

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BULK SAMPLES ANALYTICAL REPORT

Date Collected: 02/02/2002
 Collected By: V. Elzon
 Date Received: 02/02/2002
 Date Analyzed: 02/02/2002
 Analyzed By: S. Kringold
 Signature: *S. Kringold*
 Analytical Method: NIOSH 7400
 NYS DOH ELAP LAB #: 11716

Client:
 D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
 Entire
 CPN: N/A

Sample ID: #	2-4	2-5	1-1	1-2	1-3
Lab. ID: #	020202-16	020202-17	020202-18	020202-19	020202-21
Homogeneous:	No	No	No	No	No
Friable:	Yes	Yes	Yes	Yes	Yes
Fibrous:	Yes	Yes	Yes	Yes	Yes
Color:	D. Grey	D. Grey	D. Grey	D. Grey	D. Grey
Asbestos Content/Type:	NAD	NAD	NAD	NAD	Trace Chrysotile
Fibrous Materials:	2% Cellulose	2% Cellulose	3% Cellulose	2% Cellulose	2% F. Glass 2% Cellulose
Non-Fibrous Materials:	98% Carbonate	98% Carbonate	97% Carbonate	98% Carbonate	96% Carbonate
Sample Location:	2 nd Floor North Side	2 nd Floor South Side	1 st Floor Stairs Front Middle of Stairs	1 st Floor Entrance Arca	1 st Floor Entrance from W. Broadway
Sample Description:	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe

*Analysis of the samples are performed by PLM (Polarized Light Microscopy) as per EPA Method (EPA 600/M4-82-020) 40 CFR, Subpart F, Appendix A and NYS DOH ELAP Method (Item 198.1) * Results applicable to these items tested. * Liability Limited to the cost of analysis. * NAD- No Asbestos Detected

* Disclaimer: "Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings 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".

MAR-29-02 05:49 AM

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BULK SAMPLES ANALYTICAL REPORT

Date Collected: 02/02/2002
 Collected By: V. Elzon
 Date Received: 02/02/2002
 Date Analyzed: 02/02/2002
 Analyzed By: S. Kringold
 Signature: *S. Kringold*
 Analytical Method: NIOSH 7400
 NYS DOH ELAP LAB #: 11716

Client:
 D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
 Entire
 CPN: N/A

Sample ID: #	1-4	1-5
Lab. ID: #	020202-22	020202-23
Homogeneous:	No	No
Friable:	Yes	Yes
Fibrous:	Yes	Yes
Color:	D. Grey	D. Grey
Asbestos Content/Type:	NAD	NAD
Fibrous Materials:	8% Cellulose	7% Cellulose
Non-Fibrous Materials:	92% Carbonate	93% Carbonate
Sample Location:	1 st Floor Back Staircase	2 nd Floor Back Staircase
Sample Description:	Dust Wipe	Dust Wipe

*Analysis of the samples are performed by PLM (Polarized Light Microscopy) as per EPA Method (EPA 600/4-82-020) 40 CFR, Subpart F, Appendix A and NYS DOH ELAP Method (Item 19E.1) * Results applicable to these items tested. * Liability Limited to the cost of analysis. * NAD- No Asbestos Detected

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MAR-29-02 05:49 AM

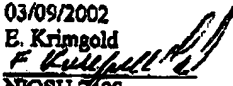
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AIR SAMPLES ANALYTICAL REPORT

Date Collected: 03/09/2002
 Collected By: A. Uwagboe
 Date Received: 03/09/2002
 Date Analyzed: 03/09/2002
 Analyzed By: E. Krimgold
 Signature: 
 Analytical Method: NIOSH 7400
 NYS DOH ELAP LAB #: 11716

Client:
 D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
 Air Quality
 CPN: 0309

Client Sample #	Sample Location	Sample Description	Volume (Liters)	Fibers per (cc/mm ³)
0309-01	By Stairway to 1 st Floor	Air Quality	1300	0.0026 f/cc
0309-02	North Side of 1 st Floor-West Side	Air Quality	1280	0.0023 f/cc
0309-03	South Side of 1 st Floor-West Side	Air Quality	1280	0.0019 f/cc
0309-04	Stairway to Roof Top, 2 nd Floor	Air Quality	1270	0.0031 f/cc
0309-05	Stairway to Roof Top, 3 rd Floor	Air Quality	1250	0.0039 f/cc
0309-06	South Corner of Roof Top-West Side	Air Quality	1270	0.0042 f/cc
0309-07	North Side of Roof Top-West Side	Air Quality	1260	0.0047 f/cc
0309-08	Field Blank			BDL < 0.01 f/cc
0309-09	Field Blank			BDL < 0.01 f/cc

Please note that the NIOSH 7400 Method using Phase Contrast Microscopy counts all fibers and does not distinguish asbestos fibers alone.
 Client supplied the volume. Results applicable to these items tested. Liability limited to the cost of analysis.
 IWA- Inside Work Area, OWA-Outside Work Area, BDL-Below Detectable Limits

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BULK SAMPLES ANALYTICAL REPORT

Date Collected: 03/09/2002
 Collected By: V. Elzon
 Date Received: 03/09/2002
 Date Analyzed: 03/09/2002
 Analyzed By: S. Krimgold
 Signature: *S. Krimgold*
 Analytical Method: NIOSH 7400
 NYS DOH ELAP LAB #: 11716

Client:
 D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
 Entire
 CPN: N/A

Sample ID: #	R-1	R-2	2-1	2-2	2-3
Lab. ID: #	030902-08	030902-09	030902-10	030902-11	030902-12
Homogeneous:	No	No	No	No	No
Friable:	Yes	Yes	Yes	Yes	Yes
Fibrous:	Yes	Yes	Yes	Yes	Yes
Color:	D. Grey	D. Grey	D. Grey	D. Grey	D. Grey
Asbestos Content/Type:	NAD	NAD	NAD	NAD	NAD
Fibrous Materials:	5% Cellulose	6% Cellulose	2% Cellulose	3% Cellulose	2% Cellulose
Non-Fibrous Materials:	95% Carbonate	94% Carbonate	98% Carbonate	97% Carbonate	98% Carbonate
Sample Location:	Roof	Bulkhead	2 nd Floor W Vestibule	2 nd Floor Middle of Area	2 nd Floor East Side
Sample Description:	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe

*Analysis of the samples are performed by PLM (Polarized Light Microscopy) as per EPA Method (EPA 600/M4-82-020) 40 CFR, Subpart F, Appendix A and NYS DOH ELAP Method (Item 198.1) * Results applicable to these items tested. * Liability Limited to the cost of analysis. * NAD- No Asbestos Detected

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BULK SAMPLES ANALYTICAL REPORT

Date Collected: 03/09/2002
Collected By: V. Elzon
Date Received: 03/09/2002
Date Analyzed: 03/09/2002
Analyzed By: S. Krimgold
Signature: *S. Krimgold*
Analytical Method: NIOSH 7400
NYS DOH ELAP LAB #: 11716

Client:
D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
Entire
CPN: N/A

Sample ID: #	2-4	2-5	1-1	1-2	1-3
Lab. ID: #	030902-13	030902-14	030902-15	030902-16	030902-17
Homogeneous:	No	No	No	No	No
Friable:	Yes	Yes	Yes	Yes	Yes
Fibrous:	Yes	Yes	Yes	Yes	Yes
Color:	D. Grey	D. Grey	D. Grey	D. Grey	D. Grey
Asbestos Content/Type:	NAD	NAD	NAD	NAD	NAD
Fibrous Materials:	1% Cellulose	2% Cellulose	3% Cellulose	1% Cellulose	4% Cellulose
Non-Fibrous Materials:	99% Carbonate	98% Carbonate	97% Carbonate	99% Carbonate	96% Carbonate
Sample Location:	2 nd Floor North Side	2 nd Floor South Side	1 st Floor Stairs Front Middle of Stairs	1 st Floor Entrance Area	1 st Floor Entrance from W. Broadway
Sample Description:	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe	Dust Wipe

*Analysis of the samples are performed by PLM (Polarized Light Microscopy) as per EPA Method (EPA 800/44-82-020) 40 CFR, Subpart F, Appendix A and NYS DOH ELAP Method (Item 19A.1) * Results applicable to those items tested. * Liability Limited to the cost of analysis. * NAD- No Asbestos Detected

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BULK SAMPLES ANALYTICAL REPORT

Date Collected: 03/09/2002
 Collected By: V. Elzon
 Date Received: 03/09/2002
 Date Analyzed: 03/09/2002
 Analyzed By: S. Krimgold
 Signature: *S. Krimgold*
 Analytical Method: NIOSH 7400
 NYS DOH ELAP LAB #: 11716

Client:
 D. G. Hart Associates

RE: 128 Chambers Street, New York, NY
 Entire
 CPN: N/A

Sample ID: #	1-4	1-5
Lab. ID: #	030902-18	030902-19
Homogeneous:	No	No
Friable:	Yes	Yes
Fibrous:	Yes	Yes
Color:	D. Grey	D. Grey
Asbestos Content/Type:	NAD	NAD
Fibrous Materials:	5% Cellulose	4% Cellulose
Non-Fibrous Materials:	95% Carbonate	96% Carbonate
Sample Location:	1 st Floor Back Staircase	2 nd Floor Back Staircase
Sample Description:	Dust Wipe	Dust Wipe

*Analysis of the samples are performed by PLM (Polarized Light Microscopy) as per EPA Method (EPA 600/M4-82-020) 40 CFR, Subpart F, Appendix A and NYS DOH ELAP Method (Item 198.1) * Results applicable to these items tested. * Liability Limited to the cost of analysis. * NAD- No Asbestos Detected

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