

May 12, 2017
Project No. 209914004

Ms. Karen Domerchie
City of Beverly Hills
345 Foothill Road
Beverly Hills, California 90210

Subject: Asbestos Sampling of Roofing Areas Report
Roxbury Park Community Center
471 South Roxbury Drive
Beverly Hills, California

Dear Ms. Domerchie:

In accordance with your request, Ninyo & Moore is pleased to submit this report summarizing our field activities for the Roxbury Park Community Center at 471 South Roxbury Drive, Beverly Hills, California (site). We understand replacement of the Community Center roof is planned. The roofing area has ceramic shingles on the sloped section and asphalt sheeting on the lower flat area.

On May 4, 2017, Mr. Peter Kelley, a California Division of Occupational Safety and Health Certified Asbestos Consultant (CAC #15-5463) performed asbestos sampling activities associated with the roofing area of the Community Center. Inspector certification is provided in Attachment A.

Laboratory analysis of the suspect asbestos samples was performed at LA Testing, Huntington Beach, California. LA Testing is a National Volunteer Laboratory Accreditation Program accredited laboratory. Samples were analyzed in accordance with the United States Environmental Protection Agency (EPA) recommended method of Polarized Light Microscopy in accordance with EPA Test Method 600/R-93/116 July 93. Table 1 represents a summary of the materials associated with the roofing area which were sampled and analyzed for asbestos content. Laboratory analysis and chain of custody documentation is provided in Attachment B.

Table 1 – Asbestos Containing Materials Summary

Material Location	Material Description	Condition	Result	Estimated Quantity
Roof parapet walls	Base flashing	Fair/Poor	None detected	N/A
Main roof	Capsheet	Fair/Poor	None detected	N/A
Main roof penetrations	Black penetration mastic	Fair/Poor	5% chrysotile	20 SF
Main roof	Black mastic	Fair/Poor	None detected	NA
Roof parapet walls	Gray/black mastic	Fair/Poor	5% chrysotile	25 SF
Clay tiles	Grout	Good	None detected	N/A
Roof	Can of mastic	Good	ASSUMED*	1 can
Legend: N/A – not applicable SF – square feet % – percent *Ninyo & Moore was instructed by the City of Beverly Hills to note the can of mastic as an assumed asbestos containing material.				


The penetration mastic at the main roofing area and the parapet walls is found to be asbestos containing. General photographic documentation is provided in Attachment C.

We appreciate the opportunity to be of service to you on this important project. Should you have any questions regarding this letter report, please contact us at your convenience.

Sincerely,
NINYO & MOORE



Michael S. Cushner
Senior Project Environmental Scientist
Certified Asbestos Consultant No. 11-4711



Nancy Anglin
Principal Engineer

MSC/NA/gkj

Attachments: Attachment – Certification Documentation
Attachment B – Laboratory Data and Chain of Custody Documentation
Attachment C – Photographic Documentation

Distribution: (1) Addressee (via e-mail)

ATTACHMENT A
CERTIFICATION DOCUMENTATION

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Michael S Cushner

Name

Certification No. **11-4711**

Expires on **07/20/17**



This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Peter F Kelley

Name



Certification No. **15-5463**

Expires on **07/14/17**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7130 et seq. of the Business and Professions Code.

ATTACHMENT B

LABORATORY DATA AND CHAIN OF CUSTODY DOCUMENTATION



LA Testing

520 Mission Street South Pasadena, CA 91030

Tel/Fax: (323) 254-9960 / (323) 254-9982

<http://www.LATesting.com> / pasadenalab@latesting.com

LA Testing Order: 321710979

Customer ID: 32ninm50

Customer PO:

Project ID:

Attention: Michael Cushner

Ninyo & Moore

475 Goddard

Suite 200

Irvine, CA 92618

Phone: (949) 795-2599

Fax:

Received Date: 05/05/2017 8:00 AM

Analysis Date: 05/09/2017

Collected Date:

Project: 209914003 / Beverly Hills Roxbury Park 471 S. Roxbury Dr, Beverly Hills, CA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1 321710979-0001	East roof NW - Gray parapet roofing	White/Black Fibrous Heterogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
2 321710979-0002	West roof NE - Gray parapet roofing	White/Black Fibrous Heterogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
3 321710979-0003	West roof S - Gray parapet roofing	Gray/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
4-Roofing 1 321710979-0004	East roof SW - Gray roof capsheet	White/Black Non-Fibrous Homogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
4-Roofing 2 321710979-0004A	East roof SW - Gray roof capsheet	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
4-Roofing 3 321710979-0004B	East roof SW - Gray roof capsheet	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
5-Roofing 1 321710979-0005	East roof NE - Gray roof capsheet	White/Black Fibrous Heterogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
5-Roofing 2 321710979-0005A	East roof NE - Gray roof capsheet	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
5-Roofing 3 321710979-0005B	East roof NE - Gray roof capsheet	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
6-Shingle 321710979-0006	West roof W - Gray roof capsheet	Gray/Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
6-Felt 1 321710979-0006A	West roof W - Gray roof capsheet	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
6-Felt 2 321710979-0006B	West roof W - Gray roof capsheet	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
7 321710979-0007	East roof SW - Black penetration mastic	Black Non-Fibrous Homogeneous	10% Cellulose	85% Non-fibrous (Other)	5% Chrysotile
8 321710979-0008	East roof NW - Black penetration mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
9 321710979-0009	West roof NE - Black penetration mastic	Gray Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
10 321710979-0010	East roof SW - Black roof mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

Initial report from: 05/09/2017 16:05:26



LA Testing

520 Mission Street South Pasadena, CA 91030

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LA Testing Order: 321710979

Customer ID: 32ninm50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
11 321710979-0011	West roof E - Black roof mastic	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
12 321710979-0012	West roof SW - Black roof mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13 321710979-0013	East roof - Gray black parapet mastic	Gray/Black Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
14 321710979-0014	West roof SE - Gray black parapet mastic	Gray/Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
15 321710979-0015	West roof NW - Gray black parapet mastic	Gray/Black Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
16 321710979-0016	West roof SW - Clay tile grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Arturo Casas (7)

Humberto Espinoza (15)

Jerry Drapala Ph.D, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported 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. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by LA Testing South Pasadena, CA NVLAP Lab Code 200232-0, CA ELAP 2283

Initial report from: 05/09/2017 16:05:26

#321710979

Sheet 1 of _____

ASBESTOS BULK SAMPLE DATA SHEET

Ninyo & Moore 475 Goddard, Suite 200 Irvine, CA 92618 Tel: (949) 753-7070 Fax: (949) 753-7071	Project Name: Beverly Hills Roxbury Park Address: 471 S. Roxbury Dr Beverly Hills, CA Project No: 209914003 Project Manager: Michael Cushner	Date Sampled: 5/4/17 Sampled By: Peter Kelley Sampled By: Date Sampled:	Laboratory: LA Testing Tel: Fax:
	CHAIN OF CUSTODY INFORMATION: Email: mcushner@ninyoandmoore.com, pkelley@ninyoandmoore.com		

Analysis: PLM EPA 600/R-93/116

TAT: 72 hr

Relinquished By: (sign/print)	Company	Date	Time(24 hr.)	Received By: (sign/print)	Laboratory
Peter Kelley	Ninyo & Moore	5/4/17	19:06	NB (SB) 5/5/17	CAI

Sample ID	Building Number	Sample Location	HA No.	Sample Description	Quantity (SF/LF/EA)	Friable (Y/N)	Condition
1	Arch roof	East roof - NW	1	Gray Parapet roofing	700 SF	N	D
2		West roof - NE	↓	↓	↓	↓	↓
3		↓ - S	↓	↓	↓	↓	↓
4		East Roof - SW	2	Gray Roof capsheet	1500 SF	N	D
5		↓ - NE	↓	↓	↓	↓	↓
6		West roof - W	↓	↓	↓	↓	↓
7		East roof - SW	3	Black penetration mastic	20 SF	N	D
8		↓ - NW	↓	↓	↓	↓	↓
9		West roof - NE	↓	↓	↓	↓	↓
10		East roof - SW	4	Black roof mastic	100 SF	N	D
11		West roof - E	↓	↓	↓	↓	↓
12		↓ - SW	↓	↓	↓	↓	↓
13	✓	East roof - S	5	Gray/Black parapet mastic	25 SF	N	D?

#321710979

OrderID: 321710979

CHAIN OF CUSTODY INFORMATION: Email: mcushner@ninyoandmoore.com, pkelley@ninyoandmoore.com

Analysis: PLM EPA 600/R-93/116 TAT: 72 hr

Asbestos Bulk Sample Data Sheet 35509-ASB-COC

Ninyo & Moore

471 South Roxbury Drive
Beverly Hills, California

May 12, 2017
Project No. 209914004

ATTACHMENT C
PHOTOGRAPHIC DOCUMENTATION



Photograph No. 1: General view of preschool roofing area.



Photograph No. 2: View of asbestos containing black penetration mastic at main roofing area.



Photograph No. 3: View of gray/black mastic at parapet walls.



Photograph No. 4: View of assumed asbestos containing can of mastic.