

Exhibit C
Environmental Reports

See attached lead and asbestos report



February 22, 2012

Richard Gutierrez
City Of Sunnyvale/Comm. Dev. Dept. Housing Div
456 West Olive Avenue
Sunnyvale, CA, 94086

Re: Lead-Based Paint Inspection
202 W. Arbor Avenue, Sunnyvale
Benchmark Project #E12-296-LIE
PO #: BL001432/Dan McCarthey
On Site Technician: Terri MacFarlane

Lead Hazard Present, Lead-Based Paint Identified

Dear Richard Gutierrez,

Benchmark Environmental Engineering conducted a Lead-Based Paint Risk Assessment and a Lead-based Paint Inspection at 202 W. Arbor Avenue in Sunnyvale. The survey was conducted on February 21, 2012. The inspection was conducted by California Department of Health Services Certified Lead Inspector/Assessor Terri MacFarlane CDPH #5666.

Background:

202 W. Arbor Avenue is a single family residence consisting of 5 bedrooms, 2 bathrooms, a kitchen, living room, dining area, and laundry. The purpose of the investigation is to determine the presence of lead-based paint and/or any hazards associated with lead-based paint.

The inspection consisted of inspecting the paint surfaces for the presence of lead, conducting a visual assessment of current conditions, and collecting representative surface and bulk sampling of dust and soil to determine if a hazard currently exists.

Findings:

Paint Inspection

Paint Hazards Identified:

The overall condition of the paint on the interior and exterior of 202 W. Arbor Avenue was intact. However, a lead in paint hazard exists in the following area(s) due to the surface condition being evaluated as fair or poor. Refer to APPENDIX B-XRF Results

Interior:

Location	Component (Fair/Poor Rating)
Dining	Door Casing, Cabinets
Hallway	Door Jamb, Door Casing
Bedroom #1	Baseboard
Closet	Shelf
Hall Bath	Cabinets, Door Jamb
Bedroom #3	Door Jamb, Shelf
Bedroom #5	Door Jamb

E12-296-LIE

Environmental Engineering, Consulting, Testing and Training

Corporate Office: 3732 Charter Park Drive, Ste. A San Jose, CA 95136
408-448-7594 * 408-448-3849 (Fax) * www.benchmarkenvironmental.com

Exterior:

Location	Component (Fair/Poor Rating)
Wall 1	Fascia, Eaves, Window Sill
Wall 2	Rafter Tail, Eaves, Window Sill, Window Frame, Window Sash, Ceiling, Column
Wall 3	Siding, Ceiling, Fascia, Eaves
Wall 4	Window Sash

- A rating of intact/good indicates that currently no deterioration of lead-based paint was observed
- A rating of fair or poor indicates some level of deterioration capable of creating a lead-based paint hazard
- Components with deteriorated lead-based paint must undergo paint stabilization in order to correct the hazard

Lead-Based Paint Identified:

In order to determine if lead based paint is present, *one hundred ninety five* (195) assays were collected using an X-RAY FLOURESCENCE (XRF) instrument. The results indicated that the following building components were above the EPA/HUD level of 1.0 mg/cm² or 5000 PPM. Refer to APPENDIX B-XRF Results

Interior:

Location	Components with Lead-Based Paint
Dining	Wall, Door Jamb, Door Casing, Cabinets
Hallway	Door Jamb, Door Casing, Ceiling Molding, Baseboard
Bedroom #1	Baseboard, Door Casing, Door Jamb
Closet	Shelf, Shelf Supports
Hall Bath	Wall, Wainscot, Cabinets, Chair Rail, Baseboard, Door Casing, Door Jamb, Tile Wall, Ceiling
Bedroom #2	Baseboard, Ceiling Molding, Door Casing, Door Jamb
Living Room	Baseboard
Bedroom #3	Baseboard, Ceiling Molding, Door Casing, Door Jamb, Shelf
Closet	Window Sash, Window Sill, Window Frame
Rear Hall	Ceiling Molding
Bedroom #4	Ceiling Molding
Bedroom #5	Baseboard, Ceiling Molding, Door Casing, Door Jamb

Exterior:

Location	Components with Lead-Based Paint
Wall 1	Siding, Fascia, Eaves, Window Sill
Wall 2	Siding, Rafter Tail, Eaves, Window Sill, Window Frame, Window Sash, Ceiling, Beam/Header, Column
Wall 3	Siding, Ceiling, Fascia, Eaves, Window Sill
Wall 4	Siding, Window Frame, Window Sash

Comments:

- Exterior Wall D upper roof components were not accessible due to height
- The exterior siding/paneling appears to be an add-on material. It appears that the wall system behind may contain the lead-based paint.
- Many of the windows area aluminum sliders

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General:

- General references are located in Appendix A
- XRF Results are located in Appendix B
- Certification/Lead Hazard Evaluation Form is located in Appendix C
- Diagram of the property is located in Appendix D

Clearance Inspection

Upon completion of the stabilization/renovation activities, a clearance inspection should be conducted of the work areas.

The inspection will consist of a visual inspection of work areas and collection of dust wipe and/or soil samples to determine if a hazard exists following the renovation activities or if previously identified hazards have been corrected.

Benchmark is pleased to provide our services to you for this project. Please contact our office at 800-988-7424 if you have any questions or concerns.

Sincerely,

Benchmark Environmental Engineering



Terri MacFarlane
Environmental Field Services Manager

E12-296-LIE

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APPENDIX A-GENERAL REFERENCE

General Reference

Inspection, sampling, and assessment procedures were performed in general accordance with the guidelines published by The Department of Housing and Urban Development's (HUD) 1995 Guidelines, Chapter 7 Paint Inspection, and Chapter 5 Risk Assessment. The survey consisted of three major activities: visual inspection, sampling, and analysis. Although these activities are listed separately, they are integrated tasks.

Visual Inspection

A Department of Public Health Lead Inspector/Risk Assessor for the State of California performed the inspection. An initial building walkthrough was conducted to determine the presence of suspect materials that were accessible or exposed.

Sampling Procedures Lead-Based Paint Inspection (X-Ray Fluorescence (XRF) Analysis)

XRF instruments measure lead-in-paint by directing high energy X-rays and gamma rays into the paint, causing the lead atoms in the paint to emit X-rays which are detected by the instrument and converted to a measurement of the amount of lead in the paint. The EPA approved technology allows for measurement of X-rays without scraping or samples preparation to characterize substrate or matrix effects. The Spectrum Analyzer, Niton XLp-300A is combined with a microprocessor system that enables field-testing with a high degree of quality control and speed. Sample locations, descriptions, conditions, and measurement results are automatically recorded by the instrument and easily downloaded to a PC or laptop.

All results were compared to the State and Federal Guidelines:
1.0 mg/cm² = XRF-Lead-based Paint

Hazard Rankings for Lead-Based Paint Inspection

The HUD Guidelines have established hazard ranking criteria for conducting lead-based paint inspections. A visual assessment is applied to each surface inspected/assayed. There are three (3) hazard rankings applied to surfaces/component condition

Good/Intact:	No deterioration of paint or surface coatings observed on surfaces or components
Fair:	Some deterioration (flaking, chipping, peeling, chalking, etc...) generally covering <10% deterioration of surfaces or components overall
Poor:	Significant deterioration (flaking, chipping, peeling, chalking, etc...) generally covering >25% deterioration of surfaces or components overall

Quality Control Program

Benchmark Environmental Engineering utilizes only CDPH approved inspectors, which are certified to use radioactive instruments. The MAP 4 Spectrum Analyzer has on-board calibration routines, which continuously operate, and self-correct to minimized sampling error. This is known as substrate correcting software.

Analytical

Forensic Analytical located in Hayward, California performed the laboratory analysis. Their CA ELAP number is #101762. Samples are analyzed by Flame Atomic Absorption in accordance with EPA's "Standard Operating Procedures for Lead in Paint by Hotplate or Microwave based Acid digestion and Atomic Absorption or Inductively Coupled Plasma Emission Spectrometry" (1991), EPA/600/8-91/213, NTIS Document No. PB92-114172. Samples are prepared by hotplate digestion with nitric acid and hydrogen peroxide, and analyzed by Flame AA.

Laboratory Quality Control Program

Forensic Analytical maintains an in-house quality control program. This program involves blind reanalysis of ten percent of all samples, precision and accuracy controls, and use of standard bulk reference materials.

Warranty

Benchmark Environmental Engineering warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform lead-related construction risk assessments and inspections pursuant to the scope of work required on this Project.

The work included inspection of accessible materials. BENCHMARK did not inspect or sample inaccessible areas such as behind walls or within ductwork, and did not dismantle any part of the structure to inspect inaccessible areas. For the purpose of this warranty, inaccessible is defined as areas of the building that could not be tested (sampled) without destruction of the structure or a portion of the structure. Inaccessible materials that are visible to Benchmark's inspectors shall be presumed to be lead-based paint

APPENDIX B-XRF Results

Walls are referenced as 1, 2, 3, and 4

Wall 1 is the street side of the property

Walls 2, 3, and 4 are numbered clockwise

Calibrations, Interior and Exterior

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
26960	Calibration	*	*	*	*	*	1.097	1.138	Inconclusive	21-Feb-12	01:46P
26961	Calibration	*	*	*	*	*	1.02	1.119	Inconclusive	21-Feb-12	01:47P
26962	Calibration	*	*	*	*	*	1.032	1.176	Inconclusive	21-Feb-12	01:47P
26963	Calibration	*	*	*	*	*	0	0	Unknown	21-Feb-12	01:48P
26964	Laundry	Wall	1	Sheetrk	Intact	White/Off-White	0.606	0.587	Negative	21-Feb-12	02:08P
26965	Laundry	Door Casing	1	Wood	Intact	White/Off-White	0.181	0.466	Negative	21-Feb-12	02:09P
26966	Laundry	Door Jamb	1	Wood	Fair	White/Off-White	0.127	0.237	Negative	21-Feb-12	02:09P
26967	Laundry	Door	1	Wood	Intact	White/Off-White	-0.012	0.158	Negative	21-Feb-12	02:09P
26968	Laundry	Wall	2	Sheetrk	Intact	White/Off-White	0.206	0.144	Negative	21-Feb-12	02:10P
26969	Laundry	Window Sill	2	Wood	Intact	White/Off-White	-0.151	0.2	Negative	21-Feb-12	02:10P
26970	Laundry	Chair Rail	2	Wood	Intact	White/Off-White	0.02	0.378	Negative	21-Feb-12	02:10P
26971	Laundry	Wall	3	Sheetrk	Intact	White/Off-White	-0.948	0.343	Negative	21-Feb-12	02:10P
26972	Laundry	Wall	4	Sheetrk	Intact	White/Off-White	-0.054	0.465	Negative	21-Feb-12	02:10P
26973	Laundry	Ceiling	4	Sheetrk	Intact	White/Off-White	-0.01	0.449	Negative	21-Feb-12	02:10P
26974	Kitchen	Wall	1	Sheetrk	Intact	White/Off-White	0.115	0.451	Negative	21-Feb-12	02:11P
26975	Kitchen	Window Sill	1	Wood	Intact	White/Off-White	0.156	0.024	Negative	21-Feb-12	02:11P
26976	Kitchen	Cabinets	1	Wood	Stain Varnish	White/Off-White	0.013	0.177	Negative	21-Feb-12	02:11P
26977	Kitchen	Ceiling	1	Sheetrk	Intact	Brown/Beige	0.22	0.431	Negative	21-Feb-12	02:11P
26978	Kitchen	Wall	2	Sheetrk	Intact	White/Off-White	0.29	0.496	Negative	21-Feb-12	02:11P
26979	Kitchen	Wall	3	Sheetrk	Intact	White/Off-White	0.021	0.122	Negative	21-Feb-12	02:12P
26980	Kitchen	Wall	4	Sheetrk	Fair	White/Off-White	0.09	0.702	Negative	21-Feb-12	02:12P
26981	Dining	Wall	1	Sheetrk	Intact	White/Off-White	0.206	0.344	Negative	21-Feb-12	02:12P
26982	Dining	Ceiling	1	Sheetrk	Intact	White/Off-White	0.206	0.292	Negative	21-Feb-12	02:12P
26983	Dining	Wall	2	Sheetrk	Intact	White/Off-White	-0.005	0.357	Negative	21-Feb-12	02:12P
26984	Dining	Window Sill	2	Wood	Fair	White/Off-White	-0.231	-0.033	Negative	21-Feb-12	02:13P
26985	Dining	Chair Rail	2	Wood	Intact	White/Off-White	0.246	0.577	Negative	21-Feb-12	02:13P
26986	Dining	Paneling	2	Wood	Stain Varnish	Brown/Beige	-0.264	0.182	Negative	21-Feb-12	02:13P
26987	Dining	Wall	3	Sheetrk	Intact	White/Off-White	2.107	0.283	XRF Positive	21-Feb-12	02:13P
26988	Dining	Door Jamb	3	Wood	Intact	White/Off-White	7.37	0.866	XRF Positive	21-Feb-12	02:13P
26989	Dining	Door Casing	3	Wood	Fair	White/Off-White	14.006	1.958	XRF Positive	21-Feb-12	02:14P
26990	Dining	Door	3	Wood	Fair	White/Off-White	-0.15	0.032	Negative	21-Feb-12	02:14P
26991	Dining	Cabinets	3	Wood	Fair	White/Off-White	15.157	0.992	XRF Positive	21-Feb-12	02:14P
26992	Dining	Wall	4	Plaster	Intact	White/Off-White	0.367	-0.137	Negative	21-Feb-12	02:14P
26993	Hallway	Wall	1	Sheetrk	Intact	White/Off-White	-0.021	0.63	Negative	21-Feb-12	02:14P

XRF Spread Sheet

Mr. Richard Gutierrez
City of Sunnyvale

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
26994	Hallway	Door Jamb	1	Wood	Fair	White/Off-White	6.708	0.671	XRF Positive	21-Feb-12	02:14P
26995	Hallway	Door Casing	1	Wood	Fair	White/Off-White	7.592	0.829	XRF Positive	21-Feb-12	02:15P
26996	Hallway	Door	1	Wood	Fair	White/Off-White	0.282	0.011	Negative	21-Feb-12	02:15P
26997	Hallway	Ceiling Molding	1	Wood	Intact	White/Off-White	9.072	0.999	XRF Positive	21-Feb-12	02:15P
26998	Hallway	Ceiling	1	Plaster	Intact	White/Off-White	-0.086	-0.437	Negative	21-Feb-12	02:15P
26999	Hallway	Wall	2	Plaster	Intact	White/Off-White	0.043	0.108	Negative	21-Feb-12	02:15P
27000	Hallway	Baseboard	2	Wood	Intact	White/Off-White	3.375	0.422	XRF Positive	21-Feb-12	02:15P
27001	Hallway	Wall	3	Plaster	Intact	White/Off-White	0.262	0.272	Negative	21-Feb-12	02:16P
27002	Hallway	Wall	4	Plaster	Intact	White/Off-White	0.105	-0.329	Negative	21-Feb-12	02:16P
27003	Bedroom #1	Wall	1	Plaster	Intact	White/Off-White	0.125	0.241	Negative	21-Feb-12	02:16P
27004	Bedroom #1	Ceiling Molding	1	Wood	Intact	White/Off-White	0.104	-0.023	Negative	21-Feb-12	02:16P
27005	Bedroom #1	Ceiling	1	Plaster	Fair	White/Off-White	-0.091	0.156	Negative	21-Feb-12	02:16P
27006	Bedroom #1	Baseboard	1	Wood	Fair	White/Off-White	6.35	0.766	XRF Positive	21-Feb-12	02:16P
27007	Bedroom #1	Wall	2	Plaster	Intact	White/Off-White	-0.005	0.289	Negative	21-Feb-12	02:17P
27008	Bedroom #1	Wall	3	Plaster	Fair	White/Off-White	-0.47	0.142	Negative	21-Feb-12	02:17P
27009	Bedroom #1	Door Casing	3	Wood	Intact	White/Off-White	8.248	1.011	XRF Positive	21-Feb-12	02:17P
27010	Bedroom #1	Door Jamb	3	Wood	Intact	White/Off-White	6.424	1.004	XRF Positive	21-Feb-12	02:17P
27011	Bedroom #1	Door	3	Wood	Fair	White/Off-White	0.214	0.075	Negative	21-Feb-12	02:17P
27012	Closet	Shelf	3	Wood	Fair	White/Off-White	1.03	0.066	XRF Positive	21-Feb-12	02:17P
27013	Closet	Shelf Supports	3	Wood	Intact	White/Off-White	5.838	1.14	XRF Positive	21-Feb-12	02:18P
27014	Closet	Wall	3	Plaster	Fair	White/Off-White	0.299	0.314	Negative	21-Feb-12	02:18P
27015	Bedroom #1	Wall	4	Plaster	Fair	White/Off-White	-0.294	-0.078	Negative	21-Feb-12	02:18P
27016	Bedroom #1	Window Sill	4	Wood	Fair	White/Off-White	0.207	-0.104	Negative	21-Feb-12	02:18P
27017	Hall Bath	Wall	1	Plaster	Intact	White/Off-White	3.979	0.135	XRF Positive	21-Feb-12	02:19P
27018	Hall Bath	Wall	1	Plaster	Intact	White/Off-White	2.06	-0.084	XRF Positive	21-Feb-12	02:19P
27019	Hall Bath	Wainscot	1	Wood	Intact	White/Off-White	5.538	-0.286	XRF Positive	21-Feb-12	02:19P
27020	Hall Bath	Cabinets	1	Wood	Fair	White/Off-White	2.086	0.402	XRF Positive	21-Feb-12	02:19P
27021	Hall Bath	Wall	2	Plaster	Intact	White/Off-White	2.653	0.456	XRF Positive	21-Feb-12	02:19P
27022	Hall Bath	Chair Rail	2	Wood	Intact	White/Off-White	14.086	0.516	XRF Positive	21-Feb-12	02:19P
27023	Hall Bath	Baseboard	2	Wood	Intact	White/Off-White	11.82	0.542	XRF Positive	21-Feb-12	02:19P
27024	Hall Bath	Door Casing	2	Wood	Intact	White/Off-White	15.228	0.519	XRF Positive	21-Feb-12	02:19P
27025	Hall Bath	Door Jamb	2	Wood	Fair	White/Off-White	10.525	1.31	XRF Positive	21-Feb-12	02:20P
27026	Hall Bath	Door	2	Wood	Fair	White/Off-White	-0.243	0.017	Negative	21-Feb-12	02:20P
27027	Hall Bath	Wall	3	Plaster	Intact	White/Off-White	-0.595	0.323	Negative	21-Feb-12	02:20P
27028	Hall Bath	Wall	3	Plaster	Intact	White/Off-White	0.343	0.452	Negative	21-Feb-12	02:20P

XRF Spread Sheet

202 W. Arbor
Sunnyvale

Mr. Richard Gutierrez
City of Sunnyvale

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
27029	Hall Bath	Tile Wall	3	Tile/Masonry	Intact	White/Off-White	13.072	2.025	XRF Positive	21-Feb-12	02:20P
27030	Hall Bath	Window Sill	3	Wood	Fair	White/Off-White	-0.015	-0.105	Negative	21-Feb-12	02:20P
27031	Hall Bath	Ceiling	4	Plaster	Intact	White/Off-White	2.618	0.51	XRF Positive	21-Feb-12	02:21P
27032	Bedroom #2	Wall	1	Plaster	Intact	White/Off-White	-0.559	0.213	Negative	21-Feb-12	02:21P
27033	Bedroom #2	Baseboard	1	Wood	Intact	White/Off-White	5.526	0.412	XRF Positive	21-Feb-12	02:21P
27034	Bedroom #2	Ceiling Molding	1	Wood	Intact	White/Off-White	1.599	0.209	XRF Positive	21-Feb-12	02:21P
27035	Bedroom #2	Ceiling	1	Plaster	Intact	White/Off-White	-0.004	-0.173	Negative	21-Feb-12	02:22P
27036	Bedroom #2	Wall	2	Plaster	Intact	White/Off-White	-0.331	-0.363	Negative	21-Feb-12	02:22P
27037	Bedroom #2	Door Casing	2	Wood	Intact	White/Off-White	10.012	0.382	XRF Positive	21-Feb-12	02:22P
27038	Bedroom #2	Door Jamb	2	Wood	Intact	White/Off-White	7.969	0.471	XRF Positive	21-Feb-12	02:22P
27039	Bedroom #2	Door	2	Wood	Fair	White/Off-White	0.159	0.275	Negative	21-Feb-12	02:22P
27040	Bedroom #2	Wall	3	Plaster	Intact	White/Off-White	0.085	-0.24	Negative	21-Feb-12	02:22P
27041	Closet	Window Sash	4	Wood	Intact	White/Off-White	0.569	-0.093	Negative	21-Feb-12	02:23P
27042	Closet	Window Sill	4	Wood	Intact	White/Off-White	0.534	-0.141	Negative	21-Feb-12	02:23P
27043	Closet	Window Frame	4	Wood	Intact	White/Off-White	0.364	0.251	Negative	21-Feb-12	02:23P
27044	Bedroom #2	Wall	4	Plaster	Intact	White/Off-White	0.517	0.247	Negative	21-Feb-12	02:24P
27045	Bedroom #2	Window Sill	4	Wood	Intact	White/Off-White	-0.021	0.109	Negative	21-Feb-12	02:24P
27046	Living Room	Wall	1	Plaster	Intact	White/Off-White	0.587	-0.129	Negative	21-Feb-12	02:24P
27047	Living Room	Baseboard	1	Wood	Intact	White/Off-White	1.263	0.147	XRF Positive	21-Feb-12	02:25P
27048	Living Room	Ceiling Molding	1	Wood	Intact	White/Off-White	0.456	0.134	Negative	21-Feb-12	02:25P
27049	Living Room	Ceiling	1	Plaster	Intact	White/Off-White	-0.282	0.294	Negative	21-Feb-12	02:26P
27050	Living Room	Door Casing	1	Wood	Intact	White/Off-White	0.31	0.108	Negative	21-Feb-12	02:26P
27051	Living Room	Door Jamb	1	Wood	Intact	White/Off-White	0.68	0.145	Negative	21-Feb-12	02:26P
27052	Living Room	Wall	2	Plaster	Intact	White/Off-White	0.398	0.317	Negative	21-Feb-12	02:27P
27053	Living Room	Baseboard	2	Wood	Intact	White/Off-White	0.267	0.082	Negative	21-Feb-12	02:27P
27054	Living Room	Door Jamb	2	Wood	Intact	White/Off-White	0.121	0.09	Negative	21-Feb-12	02:27P
27055	Living Room	Door	2	Wood	Fair	Brown/Beige	0.151	-0.14	Negative	21-Feb-12	02:27P
27056	Living Room	Window Sill	2	Wood	Intact	White/Off-White	0.208	0.101	Negative	21-Feb-12	02:27P
27057	Living Room	Wall	3	Plaster	Intact	White/Off-White	0.169	0.286	Negative	21-Feb-12	02:28P
27058	Living Room	Wall	4	Plaster	Intact	White/Off-White	0.334	-0.065	Negative	21-Feb-12	02:28P
27059	Living Room	Door Casing	4	Wood	Intact	White/Off-White	0.213	0.103	Negative	21-Feb-12	02:28P
27060	Bedroom #3	Wall	1	Plaster	Intact	White/Off-White	-0.462	-0.423	Negative	21-Feb-12	02:28P
27061	Bedroom #3	Baseboard	1	Wood	Intact	White/Off-White	6.789	1.178	XRF Positive	21-Feb-12	02:28P
27062	Bedroom #3	Ceiling Molding	1	Wood	Intact	White/Off-White	2.692	0.197	XRF Positive	21-Feb-12	02:28P
27063	Bedroom #3	Ceiling	1	Plaster	Intact	White/Off-White	-0.153	-0.201	Negative	21-Feb-12	02:28P
27064	Bedroom #3	Wall	2	Plaster	Intact	White/Off-White	-0.301	-0.546	Negative	21-Feb-12	02:29P

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
27065	Bedroom #3	Door Casing	2	Wood	Intact	White/Off-White	8.31	0.643	XRF Positive	21-Feb-12	02:29P
27066	Bedroom #3	Door Jamb	2	Wood	Fair	White/Off-White	4.346	0.781	XRF Positive	21-Feb-12	02:29P
27067	Bedroom #3	Door	2	Wood	Fair	White/Off-White	-0.261	0.055	Negative	21-Feb-12	02:29P
27068	Bedroom #3	Wall	3	Plaster	Intact	White/Off-White	-0.393	0.425	Negative	21-Feb-12	02:29P
27069	Claset	Window Sash	4	Wood	Intact	White/Off-White	5.707	1.743	XRF Positive	21-Feb-12	02:29P
27070	Claset	Window Sill	4	Wood	Intact	White/Off-White	4.724	1.907	XRF Positive	21-Feb-12	02:29P
27071	Claset	Window Frame	4	Wood	Intact	White/Off-White	4.718	1.661	XRF Positive	21-Feb-12	02:30P
27072	Claset	Shelf	3	Wood	Intact	White/Off-White	-0.647	-0.371	Negative	21-Feb-12	02:30P
27073	Claset	Shelf Supports	3	Wood	Intact	White/Off-White	0.082	0.238	Negative	21-Feb-12	02:30P
27074	Bedroom #3	Wall	4	Plaster	Intact	White/Off-White	-0.666	-0.816	Negative	21-Feb-12	02:30P
27075	Bedroom #3	Window Sill	4	Wood	Intact	White/Off-White	-0.794	0.11	Negative	21-Feb-12	02:30P
27076	Bedroom #3	Shelf	4	Wood	Fair	White/Off-White	10.836	1.712	XRF Positive	21-Feb-12	02:30P
27077	Rear Hall	Wall	1	Plaster	Intact	White/Off-White	-0.406	0.048	Negative	21-Feb-12	02:30P
27078	Rear Hall	Wall	2	Plaster	Intact	White/Off-White	0.128	0.163	Negative	21-Feb-12	02:31P
27079	Rear Hall	Baseboard	2	Wood	Intact	White/Off-White	0.352	-0.09	Negative	21-Feb-12	02:31P
27080	Rear Hall	Door Jamb	2	Wood	Intact	White/Off-White	-0.348	-0.089	Negative	21-Feb-12	02:31P
27081	Rear Hall	Door	2	Wood	Intact	White/Off-White	-0.256	0.347	Negative	21-Feb-12	02:31P
27082	Rear Hall	Wall	3	Plaster	Intact	White/Off-White	0.362	0.056	Negative	21-Feb-12	02:31P
27083	Rear Hall	Wall	4	Plaster	Intact	White/Off-White	-0.404	-0.063	Negative	21-Feb-12	02:32P
27084	Rear Hall	Door Casing	4	Wood	Intact	White/Off-White	0.665	0.187	Negative	21-Feb-12	02:32P
27085	Rear Hall	Ceiling Molding	4	Wood	Intact	White/Off-White	1.284	0.345	XRF Positive	21-Feb-12	02:32P
27086	Rear Hall	Ceiling	4	Plaster	Intact	White/Off-White	-0.479	0.011	Negative	21-Feb-12	02:33P
27087	Bedroom #4	Wall	1	Plaster	Intact	White/Off-White	0.177	0.096	Negative	21-Feb-12	02:33P
27088	Bedroom #4	Wall	2	Plaster	Intact	White/Off-White	0.262	-0.033	Negative	21-Feb-12	02:33P
27089	Bedroom #4	Window Frame	2	Wood	Intact	White/Off-White	-0.298	-0.188	Negative	21-Feb-12	02:33P
27090	Bedroom #4	Window Sill	2	Wood	Fair	White/Off-White	0.043	-0.167	Negative	21-Feb-12	02:34P
27091	Bedroom #4	Window Sash	2	Wood	Intact	White/Off-White	0.472	-0.07	Negative	21-Feb-12	02:34P
27092	Bedroom #4	Wall	3	Plaster	Intact	White/Off-White	0.096	-0.409	Negative	21-Feb-12	02:34P
27093	Bedroom #4	Wall	4	Plaster	Intact	White/Off-White	0.204	0.206	Negative	21-Feb-12	02:34P
27094	Bedroom #4	Ceiling	4	Plaster	Intact	White/Off-White	0.269	0.387	Negative	21-Feb-12	02:34P
27095	Bedroom #4	Ceiling Molding	1	Wood	Intact	White/Off-White	2.956	0.185	XRF Positive	21-Feb-12	02:35P
27096	Bedroom #4	Door Jamb	4	Wood	Fair	White/Off-White	0.303	-0.376	Negative	21-Feb-12	02:35P
27097	Bedroom #4	Door	4	Wood	Fair	White/Off-White	-0.409	-0.148	Negative	21-Feb-12	02:35P
27098	Bedroom #5	Wall	1	Plaster	Intact	White/Off-White	-0.463	0.276	Negative	21-Feb-12	02:35P
27099	Bedroom #5	Baseboard	1	Wood	Intact	White/Off-White	8.99	0.576	XRF Positive	21-Feb-12	02:35P
27100	Bedroom #5	Ceiling Molding	1	Wood	Intact	White/Off-White	9.734	0.864	XRF Positive	21-Feb-12	02:35P

XRF Spread Sheet

Mr. Richard Gutierrez
City of Sunnyvale

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
27101	Bedroom #5	Ceiling	1	Plaster	Intact	White/Off-White	0.261	0.058	Negative	21-Feb-12	02:36P
27102	Bedroom #5	Wall	2	Plaster	Intact	White/Off-White	-0.661	-0.031	Negative	21-Feb-12	02:36P
27103	Bedroom #5	Door Casing	1	Wood	Intact	White/Off-White	14.484	1.567	XRF Positive	21-Feb-12	02:36P
27104	Bedroom #5	Door Jamb	2	Wood	Fair	White/Off-White	5.025	0.328	XRF Positive	21-Feb-12	02:36P
27105	Bedroom #5	Door	2	Wood	Fair	White/Off-White	-0.443	-0.136	Negative	21-Feb-12	02:36P
27106	Bedroom #5	Wall	3	Plaster	Intact	White/Off-White	-0.178	0.579	Negative	21-Feb-12	02:36P
27107	Bedroom #5	Window Sill	3	Wood	Intact	White/Off-White	0.167	-0.509	Negative	21-Feb-12	02:36P
27108	Closet	Shelf	2	Wood	Intact	White/Off-White	-0.01	-0.391	Negative	21-Feb-12	02:37P
27109	Bedroom #5	Wall	4	Plaster	Intact	White/Off-White	-0.826	-0.503	Negative	21-Feb-12	02:37P
27110	Bedroom #5	Window Sill	4	Wood	Intact	White/Off-White	-0.457	-0.095	Negative	21-Feb-12	02:37P
27111	Master Bath	Wall	1	Plaster	Intact	White/Off-White	-0.071	0.379	Negative	21-Feb-12	02:37P
27112	Master Bath	Ceiling	1	Plaster	Intact	White/Off-White	-0.006	0.248	Negative	21-Feb-12	02:37P
27113	Master Bath	Wall	2	Plaster	Intact	White/Off-White	-0.033	0.074	Negative	21-Feb-12	02:37P
27114	Master Bath	Door Jamb	2	Wood	Intact	White/Off-White	0.014	-0.361	Negative	21-Feb-12	02:38P
27115	Master Bath	Door	2	Wood	Intact	White/Off-White	-0.102	0.038	Negative	21-Feb-12	02:38P
27116	Master Bath	Wall	3	Plaster	Intact	White/Off-White	-0.233	0.183	Negative	21-Feb-12	02:38P
27117	Master Bath	Wall	4	Plaster	Intact	White/Off-White	-0.713	0.627	Negative	21-Feb-12	02:38P
27118	Master Bath	Counter top	4	Tile/Masonry	Intact	White/Off-White	-0.752	-3.154	Negative	21-Feb-12	02:38P
27119	Master Bath	Cabinets	4	Wood	Stain Varnish	Brown/Beige	0.112	-0.075	Negative	21-Feb-12	02:38P
27120	Exterior	Siding	1	Wood	Intact	Yellow/Orange	9.659	0.3	XRF Positive	21-Feb-12	02:39P
27121	Exterior	Door Casing	1	Wood	Intact	Brown/Beige	-0.032	-0.21	Negative	21-Feb-12	02:39P
27122	Exterior	Door Jamb	1	Wood	Intact	Brown/Beige	0.227	-0.118	Negative	21-Feb-12	02:40P
27123	Exterior	Door	1	Wood	Fair	Brown/Beige	-0.649	0.282	Negative	21-Feb-12	02:40P
27124	Exterior	Safety Rail	1	Metal	Intact	Black	0.565	0.485	Negative	21-Feb-12	02:40P
27125	Exterior	Fascia	1	Wood	Fair	Brown/Beige	-0.156	-0.377	Negative	21-Feb-12	02:40P
27126	Exterior	Fascia	1	Wood	Fair	Brown/Beige	9.506	0.766	XRF Positive	21-Feb-12	02:40P
27127	Exterior	Eaves	1	Wood	Fair	Brown/Beige	9.857	0.555	XRF Positive	21-Feb-12	02:41P
27128	Exterior	Window Sill	1	Wood	Fair	Brown/Beige	25.388	1.072	XRF Positive	21-Feb-12	02:41P
27129	Exterior	Window Frame	1	Wood	Intact	Brown/Beige	0.225	-0.177	Negative	21-Feb-12	02:41P
27130	Exterior	Siding	2	Metal	Intact	Yellow/Orange	8.826	0.613	XRF Positive	21-Feb-12	02:41P
27131	Exterior	Stair Handrail	2	Metal	Intact	Black	0.66	0.391	Negative	21-Feb-12	02:41P
27132	Exterior	Window Frame	2	Wood	Intact	Brown/Beige	0.081	-0.186	Negative	21-Feb-12	02:42P
27133	Exterior	Door Jamb	1	Wood	Fair	Brown/Beige	0.121	-0.019	Negative	21-Feb-12	02:42P
27134	Exterior	Door	2	Wood	Fair	Brown/Beige	-0.415	-0.523	Negative	21-Feb-12	02:42P
27135	Exterior	Rafter tail	2	Wood	Fair	White/Off-White	8.608	1.023	XRF Positive	21-Feb-12	02:43P
27136	Exterior	Eaves	2	Wood	Fair	White/Off-White	9.279	0.454	XRF Positive	21-Feb-12	02:43P

XRF Spread Sheet

Mr. Richard Gutierrez
City of Sunnyvale

Data ID #	Room Type	Component	Wall #	Substrate	Condition	Color	K-Shell	L-Shell	Result	Date	Time
27137	Exterior	Window Sill	2	Wood	Fair	Brown/Beige	1.376	-0.106	XRF Positive	21-Feb-12	02:43P
27138	Exterior	Window Frame	2	Wood	Fair	Brown/Beige	3.91	0.865	XRF Positive	21-Feb-12	02:43P
27139	Exterior	Window Sash	2	Wood	Fair	Brown/Beige	2.282	0.948	XRF Positive	21-Feb-12	02:43P
27140	Exterior	Painted Brick	2	Tile/Masonry	Intact	White/Off-White	-0.363	-0.006	Negative	21-Feb-12	02:44P
27141	Exterior	Ceiling	2	Wood	Fair	Brown/Beige	9.766	0.519	XRF Positive	21-Feb-12	02:44P
27142	Exterior	Beam/Header	2	Wood	Intact	Brown/Beige	9.982	0.775	XRF Positive	21-Feb-12	02:44P
27143	Exterior	Column	2	Wood	Fair	Brown/Beige	9.503	0.3	XRF Positive	21-Feb-12	02:44P
27144	Exterior	Siding	3	Wood	Fair	White/Off-White	9.492	1.17	XRF Positive	21-Feb-12	02:44P
27145	Exterior	Column	3	Wood	Fair	White/Off-White	-0.645	0.134	Negative	21-Feb-12	02:44P
27146	Exterior	Column	3	Wood	Fair	White/Off-White	0.02	-0.278	Negative	21-Feb-12	02:44P
27147	Exterior	Door Casing	3	Wood	Fair	Brown/Beige	-0.261	0.265	Negative	21-Feb-12	02:45P
27148	Exterior	Door Jamb	3	Wood	Stain Varnish	Brown/Beige	-0.062	0.1	Negative	21-Feb-12	02:45P
27149	Exterior	Door	3	Wood	Stain Varnish	Brown/Beige	0.118	-0.076	Negative	21-Feb-12	02:45P
27150	Exterior	Window Frame	3	Wood	Intact	Brown/Beige	0.149	-0.223	Negative	21-Feb-12	02:45P
27151	Exterior	Ceiling	3	Wood	Fair	Brown/Beige	-0.392	0.566	Negative	21-Feb-12	02:45P
27152	Exterior	Ceiling	3	Wood	Fair	Brown/Beige	9.895	0.409	XRF Positive	21-Feb-12	02:45P
27153	Exterior	Fascia	3	Wood	Fair	White/Off-White	10.066	0.295	XRF Positive	21-Feb-12	02:46P
27154	Exterior	Eaves	3	Wood	Fair	Brown/Beige	8.793	0.477	XRF Positive	21-Feb-12	02:46P
27155	Exterior	Window Sill	3	Wood	Intact	Brown/Beige	1.43	0.084	XRF Positive	21-Feb-12	02:46P
27156	Exterior	Siding	4	Wood	Intact	Yellow/Orange	10.755	0.834	XRF Positive	21-Feb-12	02:46P
27157	Exterior	Window Frame	4	Wood	Intact	Brown/Beige	1.068	-0.017	XRF Positive	21-Feb-12	02:47P
27158	Exterior	Downspout	4	Metal	Intact	White/Off-White	0.586	0.158	Negative	21-Feb-12	02:48P
27159	Exterior	Window Sash	4	Wood	Fair	Brown/Beige	11.445	0.493	XRF Positive	21-Feb-12	02:48P
27160	Calibration	*	*	*	*	*	0	0	Unknown	21-Feb-12	02:48P
27161	Calibration	*	*	*	*	*	1.147	1.006	XRF Positive	21-Feb-12	02:49P
27162	Calibration	*	*	*	*	*	1.055	0.999	Inconclusive	21-Feb-12	02:50P
27163	Calibration	*	*	*	*	*	1.024	0.99	Inconclusive	21-Feb-12	02:50P

APPENDIX C- CDPH CERTIFICATION/LEAD HAZARD
EVALUATION REPORT

State of California Department of Public Health

<u>Lead-Related</u> <u>Construction</u> <u>Certificate</u>	<u>Certificate</u> <u>Type</u>	<u>Expiration</u> <u>Date</u>
	Inspector/Assessor	08/28/2012



Terri A. MacFarlane



ID# 5666

LEAD HAZARD EVALUATION REPORT

E12-296

Section 1 — Date of Lead Hazard Evaluation 2/21/12

Section 2 — Type of Lead Hazard Evaluation (Check one box only)
 Lead Inspection Risk assessment Clearance Inspection Other (specify) _____

Section 3 — Structure Where Lead Hazard Evaluation Was Conducted

Address [number, street, apartment (if applicable)] <u>202 W. Arbor Ave</u>		City <u>Sunnyvale</u>	County <u>Santa Clara</u>	Zip Code <u>94085</u>
Construction date (year) of structure <u>1920</u>	Type of structure <input type="checkbox"/> Multi-unit building <input type="checkbox"/> School or daycare <input checked="" type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

Section 4 — Owner of Structure (if business/agency, list contact person)

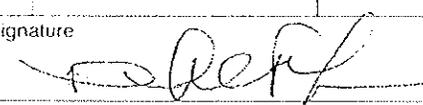
Name <u>Dan McCarthy</u>	Telephone number <u>408-261-7135</u>		
Address [number, street, apartment (if applicable)] <u>202 W. Arbor Ave.</u>	City <u>Sunnyvale</u>	State <u>CA.</u>	Zip Code <u>94085</u>

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

No lead-based paint detected Intact lead-based paint detected Deteriorated lead-based paint detected

No lead hazards detected Lead-contaminated dust found Lead-contaminated soil found Other _____

Section 6 — Individual Conducting Lead Hazard Evaluation

Name <u>Terri MacFarlane</u>	Telephone number <u>800-988-7424</u>		
Address [number, street, apartment (if applicable)] <u>3732 Charter Park Drive Ste A</u>	City <u>San Jose</u>	State <u>CA</u>	Zip Code <u>95136</u>
CDPH certification number <u>CDPH # 5666</u>	Signature 	Date <u>2/22/12</u>	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Map 4 ~~M4-1433~~ ~~M4-1365~~ M4-1548

Section 7 — Attachments

A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;

B. Each testing method, device, and sampling procedure used;

C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656

APPENDIX D- DIAGRAM

WALL 3

POUCH

BEDROOM 2

BATH 2

TRUCK

LIVING ROOM

DINING

BEDROOM 1

WALL 2

BATH 1

HALL

BEDROOM 3

BEDROOM 4

WALL 1

Drawing No. 170 Scale

Project Name 202 W. ARBOR SUMMIT

Environmental Consulting, Testing and Training
Corporate Office: 3732 Charter Park Drive, Ste. A San Jose, CA 95136
408-448-7594 * 408-448-3849 (FAX)

Project No. 012-296-UP1



BENCHMARK

Drawing No.

Drawn By



LIMITED BULK SAMPLING REPORT FOR SUSPECT ASBESTOS-CONTAINING MATERIALS (ACM) AT

202 W. ARBOR STREET
SUNNYVALE • CALIFORNIA 94085

1.0 BACKGROUND & PURPOSE

The undersigned representative of EnviroScience, Inc. (ESI), an independent industrial hygiene (IH) consulting firm, representing **Momentum For Mental Health**, hereby presents the findings of the limited site inspection and material sampling conducted at the location referenced below (site).

The site inspected is a single-story residential dwelling in the city of Sunnyvale, California, scheduled for demolition. The house was vacant at the time of our site visit and inspection.

The purpose of ESI's limited Site inspections and sampling was to determine the extent of asbestos-containing materials (ACMs) present at the Site, prior to demolition.

It should be noted that this report addresses visible and accessible materials, which were sampled at the time of our Site visit, only.

2.0 GENERAL INFORMATION

SITE LOCATION	202 W. Arbor Street Sunnyvale, California 94085
SAMPLING DATE	March 12, 2012
REPORT DATE	March 14, 2012
ON-SITE INSPECTOR	Alfredo Rocha III <i>EPA-Certified Building Inspector/Contractor Supervisor Cal/OSHA-Certified Site Surveillance Technician (#00-2806) CDPH Site Sampling Technician (#20474)</i>
PROJECT MANAGER	Hooman Sotoodeh, Ph.D., PE <i>EAA-Certified Mold Inspector/Environmental Consultant EPA-Certified Building Inspector/Project Designer Cal/OSHA-Certified Consultant (#93-1097)</i>
SIGNATURE	 _____

3.0 METHODS

3.1 ACM Sample Collection Procedures

Bulk samples of suspect ACMs were collected by coring or by carefully scraping a small portion of a suspect surface. The sampled material was immediately contained in plastic ziplock bags. All sampling information was recorded in a bound field notebook. Samples were then properly labeled with a unique sample identification number, and delivered via overnight delivery, to an NVLAP-certified, independent laboratory (EMSL Analytical of San Leandro, California) for analysis along with the appropriate chain-of-custody documentation.

3.2 ACM Sample Analysis Procedures

All ACM samples were analyzed using polarized light microscopy (PLM) techniques at a state-certified independent laboratory. Samples were examined for homogeneity and percent composition of fibrous versus nonfibrous components using a 20x stereoscopic microscope. A small portion of the material was placed in refractive index liquid on a microscope slide and examined for the presence of asbestos species utilizing a polarized light microscope at a magnification of 100x to 200x. Crystallographic and dispersion-staining techniques were employed for positive characterization. If the presence of asbestos was confirmed, the percentage of asbestos versus non-asbestiform materials was visually estimated.

4.0 ASBESTOS ANALYTICAL DATA & RESULTS

Sample Number	Sampled Material	Sample Location	Asbestos Concentration	
202-L1	Wallboard joint compound	Wall of the kitchen	White Joint Compound	ND*
202-L2	Wall texture material	Wall of the rear bedroom	Brown Drywall White Texture	ND ND
202-L3	Sheet vinyl flooring	Floor of the laundry room	White Sheet Vinyl White Mastic	ND ND
202-L4	Sheet vinyl flooring	Floor of the kitchen	White Sheet Vinyl White Mastic	ND ND
202-L5	Sheet vinyl flooring	Floor of the rear bathroom	White Sheet Vinyl Yellow Mastic	ND ND
202-L6	Roofing material	Roof of the house	Black Roofing	ND
202-L7	Roof caulking material	Around the rooftop chimney	Grey Roof Caulking	10%C**

* None Detected

** Chrysotile-type asbestos

5.0 REGULATIONS

The National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations is part of the Clean Air Act and is found in 40 CFR 61 part M. NESHAP requires that building owners inspect a building (regardless of age) for asbestos prior to **renovation** or **demolition**. The EPA must be notified in advance of all demolition and when more than a listed amount of Regulated Asbestos-Containing Material (RACM) are going to be disturbed during a renovation or demolition. Furthermore, construction work disturbing RACMs by unlicensed and non-registered asbestos abatement contractors are prohibited by California and Federal laws.

The United States Environmental Protection Agency (US EPA) considers a material to be asbestos-containing if at least one homogeneous sampling material confirms presence of asbestos fibers greater than one percent (>1%). Asbestos-containing materials (ACM) are regulated by federal, state, and local agencies. The California Occupational Safety and Health Administration (Cal/OSHA), however, considers any material with greater than 0.1% asbestos (i.e., even <1%) to be asbestos containing.

EPA classifies ACMs into the following three (3) categories:

- **Friable ACM** — Asbestos-containing materials which can be pulverized into dust by hand pressure (definition of friability);
- **Category I non friable ACM** — Asbestos-containing asphalt roofing products, vinyl floor tiles, gaskets, sealants, and other packing material;
- **Category II non-friable ACM** — All asbestos-containing materials other than Category I non-friable, that when dry, cannot be pulverized or reduced to powder by hand pressure.

The above-referenced ACM categories can become **Regulated-Asbestos Containing Materials (RACM)** under certain conditions (i.e., demolition or renovation). These conditions are:

- **Friable ACM;**
- **Category I non friable ACM** which has become friable;
- **Category I non friable ACM** which has been, or will be subjected to cutting, grinding, sanding, or other abrasive contact;
- **Category II non friable ACM** which has, or will be, pulverized, crumbled, or reduced to powder under mechanical forces exerted during demolition or renovation operations.

6.0 FINDINGS

Asbestos-Containing Materials (ACMs)

Based on the analytical findings of the 11 sample layers collected from various visible and accessible areas of the Site, and analyzed for asbestos, it is confirmed that the following building material contains asbestos above the 0.1% limit regulated by Cal/OSHA, and above the 1.0% limit regulated by EPA.

1. The grey-colored caulking around the rooftop chimney and around all other similar rooftop penetrations contains 10% Chrysotile-type asbestos.

7.0 RECOMMENDATIONS

ACMs

This survey was conducted in anticipation for potential demolition of the Site.

Under the United States Environmental Protection Agency (US EPA)'s National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations, all asbestos-containing materials shall be properly abated and disposed of, prior to disturbance or demolition.

According to the OSHA Construction Industry Standard for Asbestos (29CFR 1926.1001), and the general industry asbestos standard (29CFR 1019.1001) workers performing asbestos abatement must be trained, equipped with respirators and full body protection, and be medically fit to wear respirators.

Furthermore, all removal shall be performed using wet abatement procedures and asbestos waste must be packaged in accordance with EPA's NESHAP regulation (40 CFR Parts 61 and 763) and according to California Department of Health Services (DHS), California Code of Regulations, Title 22, Division 4, Chapter 30, Section 66699 and Health and Safety Code 25179.3 et. Seq.

During the site inspection, ESI's field inspector determined that the following confirmed ACMs need proper abatement by a State-licensed, and DOSH-registered asbestos abatement contractor under the direct supervision of a Cal/OSHA-certified asbestos consultant (CAC), prior to building demolition.

1. Roof Mastic/Caulking

The grey-colored mastic/caulking around the rooftop chimney, and all other rooftop penetrations contains 10% Chrysotile-type asbestos. Prior to roof removal, ESI recommends that a State-licensed and DOSH-registered asbestos abatement contractor remove all roof caulking/mastics and properly dispose of them as non friable asbestos-containing waste.

8.0 LIMITATIONS

This report was prepared solely for the use of our client **Momentum for Mental Health**, and their designated representatives, only. No part of this report shall be copied or used for any purpose by anyone other than the client, without written consent of ESI. Any reliance on this report by a third party is at such party's sole risk. The content and conclusion provided by ESI in this report are based on information collected during its assessment, which include, but are not limited to visual site inspection and limited sampling and laboratory testing of suspect ACMs, and our professional judgment based on these information.

ESI did not attempt to perform destructive sample collection behind walls, ceilings, floors, or other inaccessible areas. During reconstruction activities certain materials may be discovered behind these surfaces, which would have to be dealt with at the time of discovery. ESI assumes that the samples collected and laboratory results are reasonably representative of the whole building, which may not be the case at unsampled areas.

This report is issued with the understanding that it is the responsibility of the owner, or its representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous substances on site, in accordance with existing laws and regulations.

This assessment was performed in accordance with generally accepted principles and practices of environmental engineering and assessment in Northern California at the time of the work. This report presents our professional opinion based on our findings, technical knowledge, and experience working on similar projects. No warranty, either expressed or implied, is made. The conclusions presented are based on the current regulatory climate. We are not responsible for the impact of any changes in environmental standards or regulations in the future.

To the fullest extent permitted by law, Client agrees to limit the liability of ESI, its officers, shareholders and employees, for any acts, errors or omissions or breaches of contract to the greater of \$2,500 or the amount of ESI's fees for services rendered under this Agreement. Client agrees to defend, indemnify and hold ESI harmless from any loss, cost, damage or expense, including attorney's fees, in excess of the foregoing limits. In no event shall ESI be liable for, and Client shall indemnify and hold ESI harmless against, any indirect, special or consequential loss or damage. Failure of Client to give written notice to ESI of any claim of negligent act, error or omission within one (1) year of performance shall constitute a waiver of such claim by Client.

ESI will retain the records related to this project including lab data for a period of six (6) months from the date of this investigation, only. Thereafter all paper and electronic records will be discarded safely. It will be the responsibility of the client to retain all records related to this project after the 6-month period. ESI assumes no responsibility for document reproduction in legal dispute matters after the 6-month expiration period.

There are no third party beneficiaries of this agreement between Client and ESI and no third party shall be entitled to rely upon any work performed or reports prepared by ESI hereunder for any purpose. Client shall indemnify and hold ESI harmless against any liability to any third party for any loss, expense, or damages arising out of or in connection with reliance by any such third party on any work performed or reports issued by ESI hereunder.

Appendix A
Independent Laboratory
Analytical Results for
the Asbestos Samples,
and
ESI's Chain-of-Custody Form

(EPA Method 600/R-93-116, Visual Area Estimation)



EMSL Analytical, Inc
 2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577
 Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.emsl.com> sanleandro@emsl.com

EMSL Order: 091203194
 CustomerID: ENV124
 CustomerPO:
 ProjectID:

Attn: **Hooman Sotoodeh**
EnviroScience, Inc.
2220 South Bascom Avenue
Suite C
Campbell, CA 95008

Phone: (408) 371-4181
 Fax:
 Received: 03/13/12 9:00 AM
 Analysis Date: 3/15/2012
 Collected: 3/12/2012

Project: 202 W ARBOR ST., SUNNYVALE

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
202-L1-Joint Compound 091203194-0001	KITCHEN - WALL	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
202-L2-Drywall 091203194-0002	REAR BEDROOM - WALL	Brown/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
202-L2-Texture 091203194-0002A	REAR BEDROOM - WALL	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
202-L3-Sheet Vinyl flooring 091203194-0003	LAUNDRY ROOM - FLOOR	White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
202-L3-Mastic 091203194-0003A	LAUNDRY ROOM - FLOOR	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
202-L4-Sheet Vinyl flooring 091203194-0004	KITCHEN - FLOOR	White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
202-L4-Mastic 091203194-0004A	KITCHEN - FLOOR				Not Submitted

Analyst(s)

Rui Cindy Geng (10)

Baojia Ke, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc San Leandro, CA NALAP Lab Code 101046-3, MA AA00201, WA C2007

Initial report from 03/15/2012 10:33:02

Test Report: PLM-7.23.0 Printed: 3/15/2012 10:39:41 AM

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EMSL Order: 091203194
 CustomerID: ENVI24
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 ProjectID:

Attn: **Hooman Sotoodeh**
EnviroScience, Inc.
2220 South Bascom Avenue
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Phone: (408) 371-4181
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 Received: 03/13/12 9:00 AM
 Analysis Date: 3/15/2012
 Collected: 3/12/2012

Project: 202 W ARBOR ST., SUNNYVALE

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
202-L5-Sheet Vinyl flooring 091203194-0005	REAR BA - FLOOR	White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
202-L5-Mastic 091203194-0005A	REAR BA - FLOOR	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
202-L6-Roofing 091203194-0006	ROOF	Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
202-L7-Roof Caulking 091203194-0007	ROOF - AROUND THE CHIMNEY	Gray Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile

Analyst(s)

Rui Cindy Geng (10)

Baojia Ke, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101046-S, MA AA000201, WA C2007

Initial report from 03/15/2012 10:33:02

Test Report: PLM-7.23.0 Printed: 3/15/2012 10:39:41 AM

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Insured: 091203194

Claim #: _____

Pjct. N° _____ Pjct. Location 202 W. Arbor St. Sunnyvale Date 3/12/12

Sample N°	202-L1	202-L2	202-L3	202-L4	202-L5
Sample Location	Drywall Joint Compound wall of	wall Texture material wall of	Sheet Vinyl Flooring Laundry Room	Sheet Vinyl Flooring Kitchen (similar in BA)	Sheet Vinyl flooring in the
Operation	Kitchen	near Bedroom	Room	(similar in BA)	near PA
Flow (LPM)					
Start Time (military)					
Stop Time (military)					
Run Time (min.)					
Volume (L)					
Fibers					
Fields					
Fibers/cc					
Results					
Sample N°	202-L6	202-L7			
Sample Location	Roofing material	Roof Calking material around the			
Operation		Chimney			
Flow (LPM)					
Start Time (military)					
Stop Time (military)					
Run Time (min.)					
Volume (L)					
Fibers					
Fields					
Fibers/cc					
Results					
<input type="checkbox"/> PCM <input type="checkbox"/> TEM (AHERA) <input type="checkbox"/> Fungi <input type="checkbox"/> Bulk <input type="checkbox"/> Tape Lift <input type="checkbox"/> Same Day <input type="checkbox"/> 24-hr <input checked="" type="checkbox"/> PLM <input type="checkbox"/> AAS (pad) <input type="checkbox"/> Sewage Screen <input checked="" type="checkbox"/> Air <input type="checkbox"/> Wipe/Swab <input type="checkbox"/> _____ <input checked="" type="checkbox"/> 48-hr					
Relinquished by: <u>[Signature]</u> Signature Date: _____			Received/Analyzed by: <u>[Signature]</u> Signature Date: _____		
Date: <u>3/12/12</u> Time: _____			RECEIVED MAR 13 2012 Date: <u>0900</u>		

2220 S. Bascom Avenue • Campbell, California 95008 • (408) 371-4181 • (408) 371-4186