

**Asbestos Survey Report
For
1433-1493 El Camino Real
Santa Clara, CA 95050**

Prepared For:

**Bayview Development Group, Inc.
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Prepared By:

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**Ryan Govan
CAC 92-0375**

July 31, 2017

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July 31, 2017

**Asbestos Survey Report
For
1433-1493 El Camino Real,
Santa Clara, CA 95050**

1. Introduction:

A site survey was conducted at 1433-1493 El Camino Real, Santa Clara, California. The purpose of the survey was to determine the presence of Asbestos Containing Materials (ACM). Mr. Ryan Govan of Environmental Construction Services, Inc., a California Division of Occupational Health and Safety (DOSH) Certified Asbestos Consultant (CAC) conducted the survey on July 13, 2017

The asbestos survey procedures were based on the guidelines established by Cal/OSHA, the Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP), and Bay Area Air Quality Management District (BAAQMD) prior to renovation or demolition of the buildings. The results of the survey are as follows:

2. Executive Summary:

The site consists of a commercial building, car wash, and a single family home with a detached garage. ACM identified in the survey are presented in the Summary of ACM Table and indicated on drawings.

1433-1463 El Camino Real is a 7,400 sq.ft. CMU building constructed in approximately 1940. It is currently used for truck sales, automotive repairs, and a restaurant. Asbestos was identified in joint and texture compounds used on drywall, roof sealers used at vent pipes, roof penetrations, and flashings throughout the roof areas, and cement on clay roof tiles.

1483 El Camino Real is a 1,850 sq.ft. CMU car wash constructed in approximately 1940. Asbestos was identified in window glazing compounds and roof sealers used at vent pipes, roof penetrations, and flashings throughout the roof areas.

1393 El Camino Real is a 1,260 sq.ft. wood frame home constructed in 1910 with a detached garage. Asbestos was identified in linoleum flooring in the kitchen and laundry room, and roof sealers used at the chimney.

RACM, Category I, and Cat II asbestos containing materials identified in the survey should be removed by a DOSH registered Asbestos Abatement Contactor prior to demolition or renovation activities that will disturb them. Demolition or disturbance of all asbestos containing materials should be performed in compliance with Cal/OSHA standards.

3. Summary of ACM:

ACM identified in this survey are shown in the following table. The table indicates the asbestos content, friable (yes or no), EPA Category (RACM, Category 1 or Category 2 Non Friable), OSHA work classifications (1-4 or unclassified).

Summary of ACM:				
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).				
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).				
Bldg. No	Description	Asbestos Present	Friable EPA Category OSHA Wk Class	Estimated Quantity
1433	Joint compound on drywall in offices and restrooms.	<0.25% Chrysotile.	<u>N/A</u> <u>N/A</u> <u>Unclassified</u>	1,200 Sq.ft.
1453	Joint and texture compound on drywall.	Drywall & Joint Compound Composite - <0.25 Chrysotile. Texture Compound - 1.00% Chrysotile.	<u>Yes</u> <u>RACM</u> <u>Class II</u>	4,500 sq.ft.
1433 1453 1463	Gray and black roof sealers used at vent pipes, flashings, and parapet wall throughout roof areas.	15% Chrysotile.	<u>No</u> <u>Cat I</u> <u>Class II</u>	500 sq.ft.
1433 1453 1463	Orange/red cement on clay roof tiles.	<0.25% Chrysotile.	<u>N/A</u> <u>N/A</u> <u>Unclassified</u>	130 sq.ft.
1433 1453 1463	Exterior stucco on walls and roof eave at store front.	0.1% Chrysotile.	<u>N/A</u> <u>N/A</u> <u>Unclassified</u>	700 sq.ft.
1483	Window glazing compound at office and restroom.	0.50% Chrysotile.	<u>N/A</u> <u>N/A</u> <u>Unclassified</u>	3 sq.ft. (3 Windows)
1483	Gray and black roof sealers used at vent pipes, flashings, and parapet wall throughout roof areas.	15% Chrysotile.	<u>No</u> <u>Cat I</u> <u>Class II</u>	100 sq.ft.
1493	Linoleum floor (2 layers) in kitchen and laundry room.	30% Chrysotile.	<u>Yes</u> <u>RACM</u> <u>Class II</u>	275 sq.ft.
1493	Gray roof sealer at chimney.	3% Chrysotile.	<u>No</u> <u>Cat I</u> <u>Class II</u>	2 sq.ft.

*Cat I and Cat II non friable materials that will be subject to mechanical forces during removal or demolition may be designated as RACM. N/A = Not applicable.

4. Asbestos Sample Results:

One hundred sixty-four samples of materials suspected to contain asbestos were collected and submitted to EMSL Analytical in San Leandro, California for asbestos analysis. The samples were analyzed by Polarized Light Microscopy (PLM) method EPA 600/R-93/116 to determine their asbestos type and content. Quantification using PLM Point Count Procedure was performed on samples reported to contain low levels of asbestos by standard PLM. EMSL is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP). The results of the analysis are as follows:

Asbestos PLM Point Count Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-75	1483	Window glazing compound at office.	0.50% Chrysotile.
A-78	1433	Orange cement on clay roof tiles.	<0.25% Chrysotile.
A-102	1433	Exterior stucco under eave.	0.1% Chrysotile.
A-103	1433	Exterior stucco wall.	<0.1% Chrysotile.
A-110	1433	Drywall and joint compound, room 5 (composite).	<0.25% Chrysotile.
A-113	1433	Drywall and joint compound, room 6 (composite).	<0.25% Chrysotile.
A-140	1463	Texture compound on drywall, room 5.	1.00% Chrysotile.
A-140	1463	Drywall and joint compound, room 5 (composite)	<0.25% Chrysotile.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-01	1493	Tan linoleum in laundry room.	Linoleum 1 – None Detected. Mastic 1 – None Detected. Linoleum 2 – 30% Chrysotile. Mastic 2 – None Detected.
A-02	1493	Brown floor base mastic in laundry room.	None Detected.
A-03	1493	Tan linoleum in wash room.	Linoleum 1 – None Detected. Mastic – None Detected. Linoleum 2 – 30% Chrysotile.
A-04	1493	White linoleum in bathroom.	Linoleum – None Detected. Mastic – None Detected. Compound – None Detected.
A-05	1493	Stamped plaster wall in kitchen.	Plaster – None Detected. Skim Coat – None Detected.
A-06	1493	Plaster ceiling in kitchen.	Plaster – None Detected. Skim Coat – None Detected.
A-07	1493	Plaster wall in laundry room.	Plaster – None Detected. Skim Coat – None Detected.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-08	1493	Plaster wall in living room.	Plaster – None Detected. Skim Coat – None Detected.
A-09	1493	Plaster wall in bedroom 1.	Plaster – None Detected. Skim Coat – None Detected.
A-10	1493	Plaster wall in family room.	Plaster – None Detected. Skim Coat – None Detected.
A-11	1493	Plaster wall in bedroom 2.	Plaster – None Detected. Skim Coat – None Detected.
A-12	1493	Drywall and joint/texture compound in bathroom.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Detected.
A-13	1493	Texture compound in bathroom.	None Detected.
A-14	1493	Drywall and joint/texture compound in bathroom.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Detected.
A-15	1493	Texture compound in bathroom.	None Detected.
A-16	1493	Drywall and joint/texture compound on ceiling in bedroom 2.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Detected.
A-17	1493	Grout and mortar under yellow ceramic tiles at sink in wash room.	Grout – None Detected. Mortar – None Detected.
A-18	1493	Window glazing compound at wash room.	None Detected.
A-19	1493	Window glazing compound at kitchen.	None Detected.
A-20	1493	Window glazing compound at bedroom 2.	None Detected.
A-21	1493	Window glazing compound at family room.	None Detected.
A-22	1493	Window glazing compound at bedroom 1.	None Detected.
A-23	1493	White exterior paint at bedroom 2.	None Detected.
A-24	1493	White exterior paint at garage.	None Detected.
A-25	1493	Brown composition shingles and felt on garage.	Shingle 1 – None Detected. Shingle 2 – None Detected. Felt – None Detected.
A-26	1493	Gray roof sealer at seams on composition roof above bedroom 2.	None Detected.
A-27	1493	Gray composition roofing above laundry.	None Detected.
A-28	1493	Built up roofing under composition roofing above laundry.	None Detected.
A-29	1493	Black composition roof shingles and felt on house.	Shingle 1 – None Detected. Shingle 2 – None Detected. Felt – None Detected.
A-30	1493	Gray sealer at chimney.	3% Chrysotile.
A-31	1493	Brick and mortar chimney.	Brick – None Detected. Mortar – None Detected.
A-32	1493	Gray composition sheeting on shed.	None Detected.
A-33	1493	Concrete foundation.	None Detected.
A-34	1493	Concrete foundation.	None Detected.
A-35	1493	Concrete sidewalk.	None Detected.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-36	1493	Concrete slab in basement.	None Detected.
A-37	1493	Concrete slab in basement.	None Detected.
A-38	1493	Concrete slab in garage.	None Detected.
A-39	1493	Concrete slab in garage.	None Detected.
A-40	1493	Asphalt driveway.	None Detected.
A-41	1493	Asphalt driveway.	None Detected.
A-42	1493	Asphalt driveway.	None Detected.
A-43	1493	Asphalt driveway.	None Detected.
A-44	1483	Brown linoleum, yellow mastic in cashier's office.	Linoleum – None Detected. Mastic – None Detected.
A-45	1483	White linoleum, yellow mastic in cashier's office.	Linoleum – None Detected. Mastic – None Detected.
A-46	1483	Tan 9" floor tile, red mastic in office.	Tile – None Detected. Mastic – None Detected.
A-47	1483	Gray 6" ceramic floor tile, grout, mortar, men's restroom.	Tile – None Detected. Grout – None Detected. Mortar – None Detected.
A-48	1483	Gray 6" ceramic wall tile, tan mastic, men's restroom.	Tile – None Detected. Grout – None Detected. Mortar – None Detected.
A-49	1483	Gray 6" ceramic floor tile, grout, mortar, woman's restroom.	Tile – None Detected. Grout – None Detected. Mortar – None Detected.
A-50	1483	Gray 6" ceramic wall tile, tan mastic, woman's restroom.	Tile – None Detected. Grout – None Detected. Mortar – None Detected. Adhesive – None Detected.
A-51	1483	Composition roofing on cashier's office.	None Detected.
A-52	1483	CMU block and mortar wall.	CMU – None Detected. Mortar – None Detected.
A-53	1483	CMU block and mortar wall.	CMU – None Detected. Mortar – None Detected.
A-54	1483	CMU block and mortar wall.	CMU – None Detected. Mortar – None Detected.
A-55	1483	CMU block and mortar wall.	CMU – None Detected. Mortar – None Detected.
A-56	1483	Brick and mortar boarder around window in CMU wall.	CMU – None Detected. Mortar – None Detected.
A-57	1483	Concrete slab at front of car wash.	None Detected.
A-58	1483	Concrete slab inside car wash.	None Detected.
A-59	1483	Concrete slab inside car wash.	None Detected.
A-60	1483	Concrete slab at back of car wash.	None Detected.
A-61	1483	Asphalt driveway.	None Detected.
A-62	1483	Asphalt driveway.	None Detected.
A-63	1483	Asphalt driveway.	None Detected.
A-64	1483	Asphalt driveway.	None Detected.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-65	1483	Asphalt driveway.	None Detected.
A-66	1483	Gray sealer at vent on roof.	4% Chrysotile.
A-67	1483	Gray sealer at vent on roof.	3% Chrysotile
A-68	1483	Black sealer at parapet wall.	2% Chrysotile
A-69	1483	Gray sealer at parapet wall.	15% Chrysotile
A-70	1483	Composition roofing at field of roof.	Shingle – None Detected. Felt – None Detected.
A-71	1483	Composition roofing at parapet wall.	None Detected.
A-72	1483	Composition roofing at field of roof.	None Detected.
A-73	1483	Composition roofing above waiting area.	None Detected.
A-74	1483	Window glazing compound at office.	None Detected.
A-75	1483	Window glazing compound at office.	<1% Chrysotile.
A-76	1483	Window glazing compound at women’s restroom.	None Detected.
A-77	1433	Gray sealer on top of parapet wall.	Sealer - 10% Chrysotile Felt – None Detected.
A-78	1433	Orange cement on clay roof tiles.	<1% Chrysotile.
A-79	1433	Clay roof tile.	None Detected.
A-80	1433	Gray sealer on clay roof tiles at top of parapet wall.	10% Chrysotile
A-81	1433	Red cement on clay roof tiles.	None Detected.
A-82	1433	Clay roof tile.	None Detected.
A-83	1433	Gray sealer at roof vent.	4% Chrysotile
A-84	1433	Gray sealer on exhaust fan on roof.	10% Chrysotile
A-85	1433	Gray sealer at seam in metal cap on parapet wall.	16% Chrysotile
A-86	1433	Gray sealer on top of parapet wall.	15% Chrysotile
A-87	1433	Gray sealer at bottom of fan unit.	None Detected.
A-88	1433	Gray sealer at roof vent.	10% Chrysotile
A-89	1433	Gray sealer at flue pipe on roof.	10% Chrysotile
A-90	1433	Gray sealer at seam in metal parapet cap.	10% Chrysotile
A-91	1433	Black composition roof shingles and felt.	Shingle – None Detected. Felt – None Detected.
A-92	1433	Brown composition roof shingles.	None Detected.
A-93	1433	Built up roofing at edge of roof.	None Detected.
A-94	1433	Built up roofing at field of roof.	None Detected.
A-95	1433	Built up roofing at sloped roof.	None Detected.
A-96	1433	Composition roofing at edge of roof.	None Detected.
A-97	1433	Composition roofing at field of roof.	None Detected.
A-98	1433	Composition roofing on side of parapet wall.	Shingle – None Detected. Felt – None Detected.
A-99	1433	Black composition roofing on side of parapet wall.	None Detected.
A-100	1433	Black felt under clay roof tiles.	None Detected.
A-101	1433	Black felt under clay roof tiles.	None Detected.
A-102	1433	Exterior stucco under eave.	<1% Chrysotile.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-103	1433	Exterior stucco wall.	<1% Chrysotile.
A-104	1433	Exterior stucco under eave.	None Detected.
A-105	1433	Brick and mortar wall.	Brick – None Detected. Mortar – None Detected.
A-106	1433	CMU block and mortar wall.	CMU – None Detected. Mortar – None Detected.
A-107	1433	Brick and mortar wall.	Brick – None Detected. Mortar – None Detected.
A-108	1433	Brick and mortar wall.	Brick – None Detected. Mortar – None Detected.
A-109	1433	CMU block and mortar wall.	CMU – None Detected. Mortar – None Detected.
A-110	1433	Drywall and joint compound, room 5.	Drywall – None Detected. Compound 1 – 2% Chrysotile. Compound 2 – 2% Chrysotile.
A-111	1433	Drywall and joint compound, room 11.	Drywall – None Detected. Compound – None Detected.
A-112	1433	Drywall and joint compound, room 4.	Drywall – None Detected. Compound – None Detected.
A-113	1433	Drywall and joint compound, room 6.	Drywall – None Detected. Compound 1 – 2% Chrysotile. Compound 2 – 2% Chrysotile.
A-114	1433	Drywall and joint compound, room 1.	Drywall – None Detected. Compound – None Detected.
A-115	1433	Concrete slab, room 2.	None Detected.
A-116	1433	Concrete slab, room 3.	None Detected.
A-117	1433	Concrete slab, room 1.	None Detected.
A-118	1433	Concrete sidewalk.	None Detected.
A-119	1453	Drywall and joint compound, room 1.	Drywall – None Detected. Compound – None Detected.
A-120	1453	Drywall and joint compound, room 4.	Drywall – None Detected. Compound – None Detected.
A-121	1453	Drywall and joint compound, room 7.	Drywall – None Detected. Compound – None Reported.
A-122	1453	Drywall and joint compound, room 6.	Drywall – None Detected. Compound – None Detected.
A-123	1453	Drywall and joint compound, room 1.	Drywall – None Detected. Compound – None Detected.
A-124	1453	Grout and mortar under tan 16” ceramic floor tile, room 1.	None Detected.
A-125	1453	Grout and mortar under tan 16” ceramic floor tile, room 3.	None Detected.
A-126	1453	Grout and mortar under 6” terracotta floor tile, room 7.	None Detected.
A-127	1453	Grout and mortar under 6” terracotta floor tile, room 7.	None Detected.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-128	1453	2'x4' fissured ceiling tile (tan), room 1.	None Detected.
A-129	1453	2'x4' fissured ceiling tile (white), room 1.	None Detected.
A-130	1453	2'x4' gypsum ceiling tile, room 2.	None Detected.
A-131	1463	Grout and mortar under gray 16" ceramic floor tile, room 4.	None Detected.
A-132	1463	Tan mastic on black vinyl floor base, room 1.	None Detected.
A-133	1463	Gray linoleum (top layer), room 5.	None Detected.
A-134	1463	Gray linoleum (middle layer), room 5.	Tile – None Detected. Mastic – None Detected. Compound – None Detected.
A-135	1463	White floor tile (bottom layer), room 5.	Tile – None Detected. Mastic – None Detected.
A-136	1463	Grout and mortar under tan 16" ceramic floor tile, room 1.	None Detected.
A-137	1463	Tan mastic residues on concrete floor, room 3.	None Detected.
A-138	1463	Yellow mastic residues on concrete floor, room 3.	None Detected.
A-139	1463	Drywall and joint/texture compound, room 4.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Reported.
A-140	1463	Drywall and joint/texture compound, room 5.	Drywall – None Detected. Joint Compound – 2% Chrysotile. Texture – 2% Chrysotile.
A-141	1463	Drywall and joint/texture compound, room 2.	Drywall – None Detected. Joint Compound – None Detected.
A-142	1463	Drywall and joint compound, room 3.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Reported.
A-143	1463	Drywall and joint/texture compound, room 1.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Reported.
A-144	1463	Texture compound on drywall, room 4.	None Detected.
A-145	1463	Texture compound on drywall, room 1.	None Detected.
A-146	1463	Concrete slab, room 3.	None Detected.
A-147	1463	Concrete slab, room 7.	None Detected.
A-148	1463	Gray coating on wood floor, room 7.	None Detected.
A-149	1463	Gray mastic under carpet, room 6.	Mastic 1 – None Detected. Mastic 2 – None Detected.
A-150	1463	Drywall and joint compound, room 7.	Drywall – None Detected. Joint Compound – None Detected.
A-151	1463	Drywall and joint/texture compound, room 6.	Drywall – None Detected. Joint Compound – None Detected. Texture – None Detected.
A-152	1463	White compound on wood wall, room 5.	None Detected.

Asbestos Standard PLM Sample Results:			
ACM – Asbestos Containing Material containing greater than 1% asbestos (>1.0%).			
ACCM – Asbestos Containing Construction Material containing greater than 1/10th of 1% asbestos (>0.1%).			
Sample No.	Bldg. No	Description	Results
A-153	1463	Drywall and joint compound, room 5.	Drywall – None Detected. Joint Compound – None Detected.
A-154	1433	Concrete drain in center of driveway, East side.	None Detected.
A-155	1463	Concrete pit behind building, North side.	None Detected.
A-156	1463	Drywall and joint/texture compound, room 8.	Drywall – None Detected. Joint Compound – None Detected.
A-157	1463	Tan linoleum, room 9.	Linoleum – None Detected. Mastic – None Detected.
A-158	1463	Drywall and joint compound, room 8.	Drywall – None Detected. Joint Compound – None Detected.
A-159	1463	Asphalt parking, North side.	None Detected.
A-160	1463	Concrete parking, North side.	None Detected.
A-161	1433	Asphalt parking, North side.	None Detected.
A-162	1433	Asphalt parking, East side.	None Detected.
A-163	1433	Asphalt parking, South side.	None Detected.
A-164	1463	Asphalt parking, South side.	None Detected.

5. Conclusions/Recommendations:

The Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) and Bay Area Air Quality Management District (BAAQMD) categorize asbestos containing materials in to three groups.

Regulated Asbestos Containing Materials (RACM) is defined as materials containing greater than one percent (>1%) asbestos that are friable (ACM that can be crumbled, pulverized, or reduced to powder, when dry, by hand pressure) or will be subjected to fire, or will be subjected to mechanical forces during removal or demolition.

Category I Non Friable ACM is defined as Asbestos (>1%) containing packing's, gaskets, resilient floor coverings, and asphalt roofing products.

Category II Non Friable ACM is defined as Asbestos (>1%) containing material, excluding Category I nonfriable asbestos containing material that, when dry, and in its present form, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Registration with the Division of Occupational Safety and Health (DOSH) for asbestos-related work and asbestos certification on the Contractor's license is required for removal of greater than one hundred square foot (>100 sq.ft.) of ACM containing greater than one tenth of one percent (>0.1%). **Removal of materials containing any amount of asbestos is subject to Cal/OSHA standards.**

RACM, Category I, and Cat II asbestos containing materials identified in the survey should be removed by a DOSH registered Asbestos Abatement Contactor prior to demolition or renovation activities that will disturb them. Demolition or disturbance of all asbestos containing materials should be performed in compliance with Cal/OSHA standards.

6. Limitations:

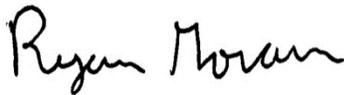
Construction materials that are considered non-suspect for asbestos under OSHA include solid metal, wood, glass and PVC plastic. Therefore, solid metal, wood, glass, and plastic materials should typically not be considered suspect as asbestos-containing.

ECS does not warrant or guarantee that all materials which may contain asbestos concealed inside walls, ceilings, sub floors, etc. can be located. Topics not explicitly discussed within this document should not be assumed to have been investigated.

7. Inspector Certification

Copies of personnel certifications and laboratory reports are attached. Please call me at (925) 370-2222 with any questions you may have.

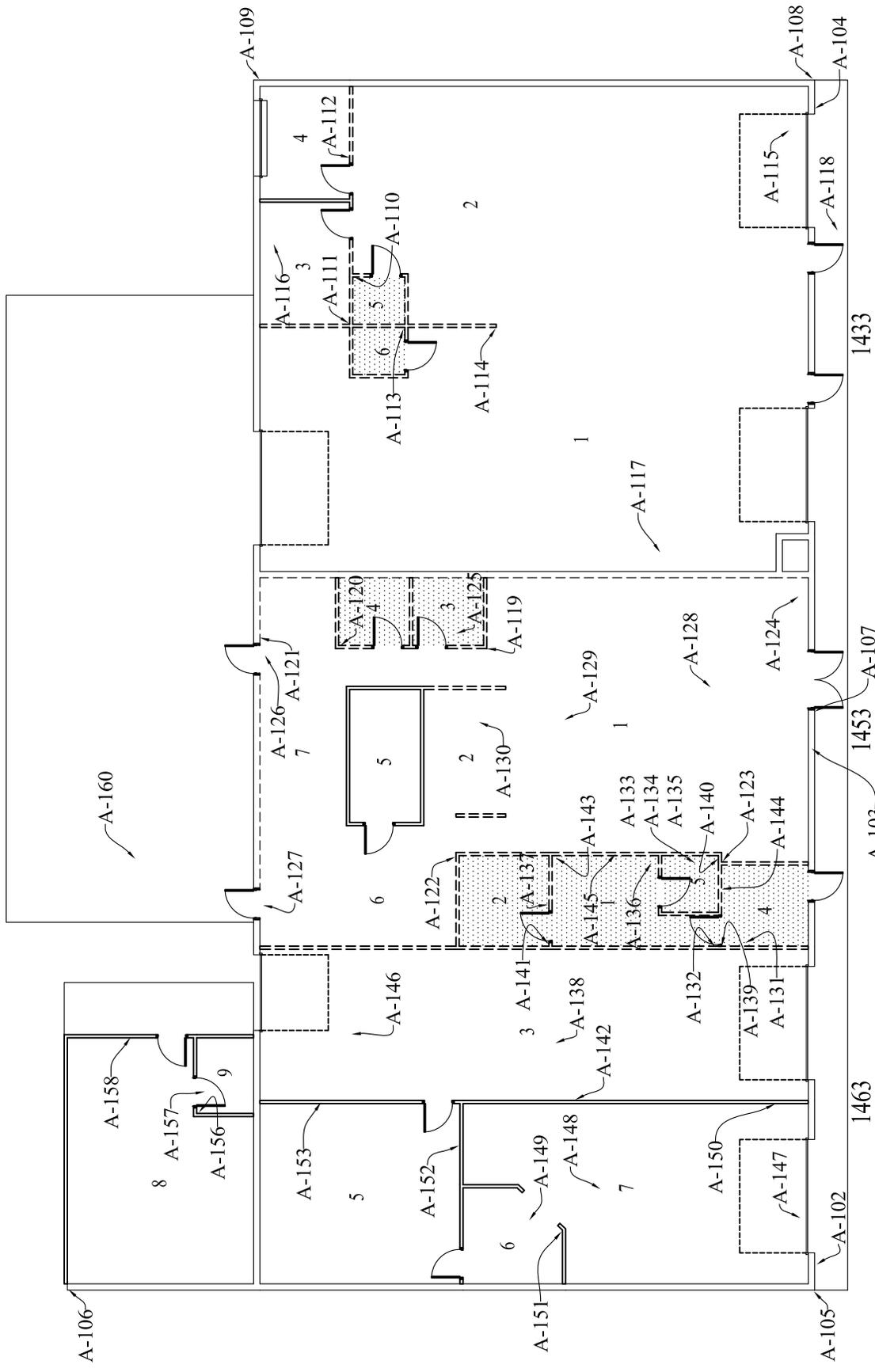
Sincerely,

A handwritten signature in black ink that reads "Ryan Govan". The signature is written in a cursive, flowing style.

Ryan Govan
CAC #92-0375



<p>drawing title: Asbestos Survey Site and Roof Plan</p> <p>drawing no.: 1 of 3</p>	<p>scale: 1/32"=1'-0"</p> <p>date: July 31, 2017</p>	<p>1433-1493 El Camino Real Santa Clara, CA 95050</p>		<p>ECS Environmental Construction Services, Inc. P.O. Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282</p>
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Asbestos in joint/texture compounds on drywall ceiling.

----- Asbestos in joint/texture compounds on drywall walls.

 <p>Environmental Construction Services, Inc. P.O. Box 5277 Bay Point, CA 94565 (925) 370-2222 Fax (925) 370-2282</p>		<p>1433-1493 El Camino Real Santa Clara, CA 95050</p>	<p>scale: 1/16"=1'-0" date: July 31, 2017</p>	<p>drawing title: Asbestos Survey 1433-1463 El Camino Real drawing no.: 2 of 3</p>
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Appendix A
Laboratory Reports

State of California Department of Public Health

Lead-Related Construction Certificate	Certificate Type	Expiration Date
	Inspector/Assessor	11/10/2017

Ryan J. Govan ID #: **20975**

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

Ryan J Govan
 Name

Certification No. **92-0375**

Expires on **07/15/18**

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.






EMSL Analytical, Inc.

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EMSL Order: 091714374
Customer ID: ECS185
Customer PO:
Project ID:

Attention: Ryan Govan
Environmental Construction Services, Inc.
PO Box 5277
Bay Point, CA 94565
Phone: (925) 370-2222
Fax: (925) 370-2282
Received: 07/18/2017 3:00 PM
Analysis Date: 07/30/2017
Collected:

Project: 1433-1493 El Camino Real Santa Clara CA 95050

Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-102 091714374-0102	Exterior stucco under eave	Gray Non-Fibrous Homogeneous		99.9% Non-fibrous (Other)	0.1% Chrysotile
A-103 091714374-0103	Exterior stucco wall	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<0.1% Chrysotile

Analyst(s)

Shane Heisser (2)

Matthew Batongbacal
or other approved signatory

Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.1%. EMSL Analytical Inc suggests that samples reported as <0.1% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from: 07/30/2017 08:50:48



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EMSL Order: 091714374
Customer ID: ECSI85
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Project ID:

Attention: Ryan Govan Environmental Construction Services, Inc. PO Box 5277 Bay Point, CA 94565	Phone: (925) 370-2222 Fax: (925) 370-2282 Received: 07/18/2017 3:00 PM Analysis Date: 07/30/2017 Collected:
Project: 1433-1493 El Camino Real Santa Clara CA 95050	

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-75 091714374-0075	Window glazing compound at office	Tan Non-Fibrous Homogeneous		99.50% Non-fibrous (Other)	0.50% Chrysotile
A-78 091714374-0078	Orange cement on clay roof tiles	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<0.25% Chrysotile
A-110-Composite 091714374-0110B	Drywall and joint compound room 5	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<0.25% Chrysotile
A-113-Drywall 091714374-0113B	Drywall and joint compound room 6	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<0.25% Chrysotile
A-140-Texture 091714374-0140	Drywall and joint compound/texture compound room 5	Tan Non-Fibrous Homogeneous		99.00% Non-fibrous (Other)	1.00% Chrysotile
A-140-Composite 091714374-0140B	Drywall and joint compound/texture compound room 5	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<0.25% Chrysotile

Analyst(s)

Shane Heisser (6)

Matthew Batongbacal
or other approved signatory

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Received Date: 07/18/2017 3:00 PM

Analysis Date: 07/20/2017 - 07/22/2017

Collected Date:

Project: 1433-1493 El Camino Real Santa Clara CA 95050

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
A-01-Linoleum 1 <i>091714374-0001</i>	Tan linoleum in laundry room	Gray/Tan Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
A-01-Mastic 1 <i>091714374-0001A</i>	Tan linoleum in laundry room	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-01-Linoleum 2 <i>091714374-0001B</i> <i>This is a composite result of both vinyl and backing layer</i>	Tan linoleum in laundry room	White Fibrous Homogeneous		50% Matrix 20% Non-fibrous (Other)	30% Chrysotile
A-01-Mastic 2 <i>091714374-0001C</i>	Tan linoleum in laundry room	White Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected
A-02 <i>091714374-0002</i>	Brown floor base mastic in laundry room	Brown Non-Fibrous Homogeneous	2% Wollastonite 2% Fibrous (Other)	80% Matrix 16% Non-fibrous (Other)	None Detected
A-03-Linoleum 1 <i>091714374-0003</i>	Tan linoelum in wash room	Gray/Tan Non-Fibrous Homogeneous		65% Matrix 35% Non-fibrous (Other)	None Detected
A-03-Mastic <i>091714374-0003A</i>	Tan linoelum in wash room	Clear Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-03-Linoleum 2 <i>091714374-0003B</i> <i>This is a composite result of both vinyl and backing layer</i>	Tan linoelum in wash room	White Fibrous Homogeneous		50% Matrix 20% Non-fibrous (Other)	30% Chrysotile
A-04-Linoleum <i>091714374-0004</i> <i>This is a composite result of both vinyl and backing layer</i>	White linoleum in bathroom	White Fibrous Homogeneous	20% Cellulose 10% Glass	20% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
A-04-Mastic <i>091714374-0004A</i>	White linoleum in bathroom	Tan Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-04-Leveling Compound <i>091714374-0004B</i>	White linoleum in bathroom	Tan/White Non-Fibrous Homogeneous	2% Cellulose	60% Gypsum 38% Non-fibrous (Other)	None Detected
A-05-Plaster <i>091714374-0005</i>	Stamped plaster wall in kitchen	White Non-Fibrous Homogeneous		40% Quartz 20% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-05-Skim Coat <i>091714374-0005A</i>	Stamped plaster wall in kitchen	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
A-06-Plaster <i>091714374-0006</i>	Plaster ceiling in kitchen	Gray/White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 20% Gypsum 25% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-06-Skim Coat <small>091714374-0006A</small>	Plaster ceiling in kitchen	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
A-07-Plaster <small>091714374-0007</small>	Plaster wall in laundry room	Gray/White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 20% Gypsum 25% Non-fibrous (Other)	None Detected
A-07-Skim Coat <small>091714374-0007A</small>	Plaster wall in laundry room	White Non-Fibrous Homogeneous		35% Quartz 15% Ca Carbonate 20% Gypsum 30% Non-fibrous (Other)	None Detected
A-08-Plaster <small>091714374-0008</small>	Plaster wall in living room	White Non-Fibrous Homogeneous		40% Quartz 20% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-08-Skim Coat <small>091714374-0008A</small>	Plaster wall in living room	White Non-Fibrous Homogeneous		35% Quartz 15% Ca Carbonate 20% Gypsum 30% Non-fibrous (Other)	None Detected
A-09-Plaster <small>091714374-0009</small>	Plaster wall in bedroom 1	White Non-Fibrous Homogeneous		40% Quartz 20% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-09-Skim Coat <small>091714374-0009A</small>	Plaster wall in bedroom 1	White Non-Fibrous Homogeneous		35% Quartz 15% Ca Carbonate 20% Gypsum 30% Non-fibrous (Other)	None Detected
A-10-Plaster <small>091714374-0010</small>	Plaster wall in family room	Gray/White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 20% Gypsum 25% Non-fibrous (Other)	None Detected
A-10-Skim Coat <small>091714374-0010A</small>	Plaster wall in family room	White Non-Fibrous Homogeneous		35% Quartz 15% Ca Carbonate 20% Gypsum 30% Non-fibrous (Other)	None Detected
A-11-Plaster <small>091714374-0011</small>	Plaster wall in bedroom 2	White Non-Fibrous Homogeneous		40% Quartz 20% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-11-Skim Coat <small>091714374-0011A</small>	Plaster wall in bedroom 2	White Non-Fibrous Homogeneous		35% Quartz 15% Ca Carbonate 20% Gypsum 30% Non-fibrous (Other)	None Detected
A-12-Drywall <small>091714374-0012</small>	Drywall and joint/texture compound in bathroom	White Non-Fibrous Homogeneous	4% Cellulose	80% Gypsum 16% Non-fibrous (Other)	None Detected
A-12-Joint Compound <small>091714374-0012A</small>	Drywall and joint/texture compound in bathroom	White Non-Fibrous Homogeneous		70% Ca Carbonate 2% Mica 28% Non-fibrous (Other)	None Detected
A-12-Texture <small>091714374-0012B</small>	Drywall and joint/texture compound in bathroom	White Non-Fibrous Homogeneous		80% Ca Carbonate 2% Mica 18% Non-fibrous (Other)	None Detected
A-13 <small>091714374-0013</small>	Texture compound in bathroom	White Non-Fibrous Homogeneous		80% Ca Carbonate 2% Mica 18% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-14-Drywall 091714374-0014	Drywall and joint/texture compound in bathroom	White Non-Fibrous Homogeneous	4% Cellulose	80% Gypsum 16% Non-fibrous (Other)	None Detected
A-14-Joint Compound 091714374-0014A	Drywall and joint/texture compound in bathroom	White Non-Fibrous Homogeneous		70% Ca Carbonate 2% Mica 28% Non-fibrous (Other)	None Detected
A-14-Texture 091714374-0014B	Drywall and joint/texture compound in bathroom	White Non-Fibrous Homogeneous		80% Ca Carbonate 2% Mica 18% Non-fibrous (Other)	None Detected
A-15 091714374-0015	Texture compound in bathroom	White Non-Fibrous Homogeneous		80% Ca Carbonate 2% Mica 18% Non-fibrous (Other)	None Detected
A-16-Drywall 091714374-0016	Drywall and joint/texture compound in ceiling in bedroom 2	White Non-Fibrous Homogeneous	4% Cellulose	80% Gypsum 16% Non-fibrous (Other)	None Detected
A-16-Joint Compound 091714374-0016A	Drywall and joint/texture compound in ceiling in bedroom 2	White Non-Fibrous Homogeneous		80% Ca Carbonate 2% Mica 18% Non-fibrous (Other)	None Detected
A-16-Texture 091714374-0016B	Drywall and joint/texture compound in ceiling in bedroom 2	White Non-Fibrous Homogeneous		80% Ca Carbonate 2% Mica 18% Non-fibrous (Other)	None Detected
A-17-Grout 091714374-0017	Grout and mortar under yellow ceramic tiles at sink in wash room	White Non-Fibrous Homogeneous		65% Ca Carbonate 35% Non-fibrous (Other)	None Detected
A-17-Mortar 091714374-0017A	Grout and mortar under yellow ceramic tiles at sink in wash room	Gray Non-Fibrous Homogeneous		45% Quartz 15% Ca Carbonate 20% Gypsum 20% Non-fibrous (Other)	None Detected
A-18 091714374-0018	Window glazing compound at wash room	Tan Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-19 091714374-0019	Window glazing compound at kitchen	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-20 091714374-0020	Window glazing compound at bedroom 2	White Non-Fibrous Homogeneous		65% Ca Carbonate 35% Non-fibrous (Other)	None Detected
A-21 091714374-0021	Window glazing compound at family room	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-22 091714374-0022	Window glazing compound at bedroom 1	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-23 091714374-0023	White exterior paint at bedroom 2	White Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-24 091714374-0024	White exterior paint at garage	White Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected

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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
A-25-Shingle <small>091714374-0025</small>	Brown composition shingles and felt on garage	Brown/Gray/Black Fibrous Homogeneous	10% Glass	15% Quartz 25% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
A-25-Shingle 2 <small>091714374-0025A</small>	Brown composition shingles and felt on garage	Tan/Black Non-Fibrous Homogeneous	10% Glass	15% Quartz 25% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
A-25-Felt <small>091714374-0025B</small>	Brown composition shingles and felt on garage	Black Non-Fibrous Homogeneous	60% Cellulose	40% Matrix	None Detected
A-26 <small>091714374-0026</small>	Gray roof sealer at seams on composition roof above bedroom 2	Black Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-27 <small>091714374-0027</small>	Gray composter roofing above laundry	White/Black Non-Fibrous Homogeneous	10% Glass	15% Quartz 30% Ca Carbonate 40% Matrix 5% Non-fibrous (Other)	None Detected
A-28 <small>091714374-0028</small>	Built up roofing under composition roofing above laundry	Black Non-Fibrous Homogeneous	15% Glass	80% Matrix 5% Non-fibrous (Other)	None Detected
A-29-Shingle <small>091714374-0029</small>	Black composition roof shingles and felt on house	Gray/Black Fibrous Homogeneous	10% Glass	15% Quartz 25% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
A-29-Shingle 2 <small>091714374-0029A</small>	Black composition roof shingles and felt on house	Black Non-Fibrous Homogeneous	10% Glass	15% Quartz 30% Ca Carbonate 40% Matrix 5% Non-fibrous (Other)	None Detected
A-29-Felt <small>091714374-0029B</small>	Black composition roof shingles and felt on house	Black Non-Fibrous Homogeneous	60% Cellulose	40% Matrix	None Detected
A-30 <small>091714374-0030</small>	Gray sealer at chimney	Gray Non-Fibrous Homogeneous		70% Matrix 27% Non-fibrous (Other)	3% Chrysotile
A-31-Brick <small>091714374-0031</small>	Brick and mortar chimney	Red Non-Fibrous Homogeneous		5% Quartz 35% Gypsum 60% Non-fibrous (Other)	None Detected
A-31-Mortar <small>091714374-0031A</small>	Brick and mortar chimney	Peach Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-32 <small>091714374-0032</small>	Gray composition sheeting on shed	White/Black Non-Fibrous Homogeneous	30% Cellulose	15% Quartz 40% Matrix 15% Non-fibrous (Other)	None Detected
A-33 <small>091714374-0033</small>	Concrete foundation	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-34 <small>091714374-0034</small>	Concrete foundation	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-35 <small>091714374-0035</small>	Concrete sidewalk	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-36 <small>091714374-0036</small>	Concrete slab in basement	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
A-37 <small>091714374-0037</small>	Concrete slab in basement	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-38 <small>091714374-0038</small>	Concrete slab in garage	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-39 <small>091714374-0039</small>	Concrete slab in garage	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-40 <small>091714374-0040</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		30% Quartz 15% Gypsum 50% Matrix 5% Non-fibrous (Other)	None Detected
A-41 <small>091714374-0041</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		30% Quartz 15% Gypsum 50% Matrix 5% Non-fibrous (Other)	None Detected
A-42 <small>091714374-0042</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		15% Quartz 35% Ca Carbonate 50% Matrix	None Detected
A-43 <small>091714374-0043</small>	Asphalt driveway	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-44-Linoleum <small>091714374-0044</small>	Brown linoleum yellow mastic in cashiers office	Brown Non-Fibrous Homogeneous		30% Ca Carbonate 70% Matrix	None Detected
A-44-Mastic <small>091714374-0044A</small>	Brown linoleum yellow mastic in cashiers office	Yellow Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-45-Vinyl Sheet Flooring <small>091714374-0045</small>	Brown linoleum yellow mastic in cashiers office	Beige Non-Fibrous Homogeneous	30% Cellulose	40% Matrix 30% Non-fibrous (Other)	None Detected
A-45-Mastic <small>091714374-0045A</small>	Brown linoleum yellow mastic in cashiers office	Tan Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-46-Floor Tile <small>091714374-0046</small>	Tan 9" floor tile red mastic in office	Gray Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
A-46-Mastic <small>091714374-0046A</small>	Tan 9" floor tile red mastic in office	Red Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-47-Ceramic Tile <small>091714374-0047</small>	Gray 6" ceramic floor tile, grout, mortar, mens restroom	White Non-Fibrous Homogeneous		25% Quartz 15% Gypsum 60% Non-fibrous (Other)	None Detected
A-47-Grout <small>091714374-0047A</small>	Gray 6" ceramic floor tile, grout, mortar, mens restroom	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-47-Mortar <small>091714374-0047B</small>	Gray 6" ceramic floor tile, grout, mortar, mens restroom	Gray Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
A-48-Ceramic Tile <small>091714374-0048</small>	Gray 6" ceramic wall tile, tan mastic, mens restroom	Gray Non-Fibrous Homogeneous		25% Quartz 15% Gypsum 60% Non-fibrous (Other)	None Detected
A-48-Grout <small>091714374-0048A</small>	Gray 6" ceramic wall tile, tan mastic, mens restroom	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
A-48-Mortar <small>091714374-0048B</small>	Gray 6" ceramic wall tile, tan mastic, mens restroom	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
A-49-Ceramic Tile <small>091714374-0049</small>	Gray 6" ceramic floor tile, grout, mortar, womens restroom	Gray Non-Fibrous Homogeneous		20% Quartz 25% Gypsum 55% Non-fibrous (Other)	None Detected
A-49-Grout <small>091714374-0049A</small>	Gray 6" ceramic floor tile, grout, mortar, womens restroom	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
A-49-Mortar <small>091714374-0049B</small>	Gray 6" ceramic floor tile, grout, mortar, womens restroom	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
A-50-Ceramic Tile <small>091714374-0050</small>	Gray 6" ceramic wall tile, tan mastic, womens restroom	Gray Non-Fibrous Homogeneous		20% Quartz 25% Gypsum 55% Non-fibrous (Other)	None Detected
A-50-Grout <small>091714374-0050A</small>	Gray 6" ceramic wall tile, tan mastic, womens restroom	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-50-Mortar <small>091714374-0050B</small>	Gray 6" ceramic wall tile, tan mastic, womens restroom	White Non-Fibrous Homogeneous		50% Ca Carbonate 50% Non-fibrous (Other)	None Detected
A-50-Adhesive <small>091714374-0050C</small>	Gray 6" ceramic wall tile, tan mastic, womens restroom	Gray Non-Fibrous Homogeneous		60% Ca Carbonate 40% Matrix	None Detected
A-51 <small>091714374-0051</small>	Composition roofing on cashiers office	Brown/Tan/Black Fibrous Homogeneous	10% Glass	15% Quartz 30% Ca Carbonate 40% Matrix 5% Non-fibrous (Other)	None Detected
A-52-CMU <small>091714374-0052</small>	CMU block and mortar wall	Peach Non-Fibrous Homogeneous		20% Quartz 65% Ca Carbonate 5% Mica 10% Non-fibrous (Other)	None Detected
A-52-Mortar <small>091714374-0052A</small>	CMU block and mortar wall	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-53-CMU <small>091714374-0053</small>	CMU block and mortar wall	Peach Non-Fibrous Homogeneous		20% Quartz 65% Ca Carbonate 5% Mica 10% Non-fibrous (Other)	None Detected
A-53-Mortar <small>091714374-0053A</small>	CMU block and mortar wall	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-54-CMU <small>091714374-0054</small>	CMU block and mortar wall	Peach Non-Fibrous Homogeneous		20% Quartz 65% Ca Carbonate 5% Mica 10% Non-fibrous (Other)	None Detected
A-54-Mortar <small>091714374-0054A</small>	CMU block and mortar wall	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-55-CMU <small>091714374-0055</small>	CMU block and mortar wall	Peach Non-Fibrous Homogeneous		20% Quartz 65% Ca Carbonate 5% Mica 10% Non-fibrous (Other)	None Detected
A-55-Mortar <small>091714374-0055A</small>	CMU block and mortar wall	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected

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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
A-56-Brick <small>091714374-0056</small>	Brick and mortar boarder around window in CMU wall	Red Non-Fibrous Homogeneous		20% Quartz 35% Gypsum 45% Non-fibrous (Other)	None Detected
A-56-Mortar <small>091714374-0056A</small>	Brick and mortar boarder around window in CMU wall	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-57 <small>091714374-0057</small>	Concrete slab at front of car wash	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-58 <small>091714374-0058</small>	Concret slab inside car wash	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-59 <small>091714374-0059</small>	Concret slab inside car wash	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-60 <small>091714374-0060</small>	Concret slab at back of car wash	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-61 <small>091714374-0061</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		25% Quartz 60% Matrix 15% Non-fibrous (Other)	None Detected
A-62 <small>091714374-0062</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		10% Quartz 25% Ca Carbonate 60% Matrix 5% Non-fibrous (Other)	None Detected
A-63 <small>091714374-0063</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		30% Quartz 60% Matrix 10% Non-fibrous (Other)	None Detected
A-64 <small>091714374-0064</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		25% Quartz 60% Matrix 15% Non-fibrous (Other)	None Detected
A-65 <small>091714374-0065</small>	Asphalt driveway	Black Non-Fibrous Homogeneous		30% Quartz 60% Matrix 10% Non-fibrous (Other)	None Detected
A-66 <small>091714374-0066</small>	Gray sealer at vent on roof	Black Non-Fibrous Homogeneous		60% Matrix 36% Non-fibrous (Other)	4% Chrysotile
A-67 <small>091714374-0067</small>	Gray sealer at vent on roof	Gray Fibrous Homogeneous		60% Matrix 37% Non-fibrous (Other)	3% Chrysotile
A-68 <small>091714374-0068</small>	Black sealer at parapet wall	Black Non-Fibrous Homogeneous		80% Matrix 18% Non-fibrous (Other)	2% Chrysotile
A-69 <small>091714374-0069</small>	Black sealer at parapet wall	White/Black Fibrous Homogeneous		80% Matrix 5% Non-fibrous (Other)	15% Chrysotile
A-70-Shingle <small>091714374-0070</small>	Composition roofing at field of roof	White/Black Fibrous Homogeneous	10% Glass	10% Quartz 20% Ca Carbonate 60% Matrix	None Detected
A-70-Felt <small>091714374-0070A</small>	Composition roofing at field of roof	Black Fibrous Homogeneous	10% Glass	5% Quartz 20% Ca Carbonate 60% Matrix 5% Non-fibrous (Other)	None Detected
A-71-Built-up Roofing <small>091714374-0071</small>	Composition roofing at parapet wall	White/Black Fibrous Homogeneous	10% Glass	10% Quartz 20% Ca Carbonate 60% Matrix	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-72 <small>091714374-0072</small>	Composition roofing at field of roof	White/Black Non-Fibrous Homogeneous	10% Glass	10% Quartz 20% Ca Carbonate 60% Matrix	None Detected
A-73 <small>091714374-0073</small>	Composition roofing above waiting area	White/Black Non-Fibrous Homogeneous	15% Synthetic	10% Quartz 60% Matrix 15% Non-fibrous (Other)	None Detected
A-74 <small>091714374-0074</small>	Window glazing compound at office	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-75 <small>091714374-0075</small>	Window glazing compound at office	Tan Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	<1% Chrysotile
A-76 <small>091714374-0076</small>	Window glazing compound at womens restroom	Gray Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-77-Flashing <small>091714374-0077</small>	Gray sealer on top of parapet wall	Gray/Black Fibrous Homogeneous		60% Matrix 30% Non-fibrous (Other)	10% Chrysotile
A-77-Felt <small>091714374-0077A</small>	Gray sealer on top of parapet wall	Black Fibrous Homogeneous	15% Glass	60% Matrix 25% Non-fibrous (Other)	None Detected
A-78 <small>091714374-0078</small>	Orange cement on clay roof tiles	Red Non-Fibrous Homogeneous		20% Quartz 60% Ca Carbonate 20% Non-fibrous (Other)	<1% Chrysotile
A-79 <small>091714374-0079</small>	Clay roof tile	Red Non-Fibrous Homogeneous		8% Quartz 70% Ca Carbonate 22% Non-fibrous (Other)	None Detected
A-80 <small>091714374-0080</small>	Gray sealer on clay roof tiles at top of parapet walls	Black Non-Fibrous Homogeneous	2% Glass	60% Matrix 28% Non-fibrous (Other)	10% Chrysotile
A-81 <small>091714374-0081</small>	Red cement on clay roof tiles	Red Non-Fibrous Homogeneous		20% Quartz 60% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-82 <small>091714374-0082</small>	Clay roof tiles	Red Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-83 <small>091714374-0083</small>	Gray sealer at roof vent	Black Non-Fibrous Homogeneous		80% Matrix 16% Non-fibrous (Other)	4% Chrysotile
A-84 <small>091714374-0084</small>	Gray sealer on exhaust fan on roof	Gray/Black Fibrous Homogeneous		70% Matrix 20% Non-fibrous (Other)	10% Chrysotile
A-85 <small>091714374-0085</small>	Gray sealer at seam in metal cap on parapet wall	Gray/Black Fibrous Homogeneous		5% Ca Carbonate 60% Matrix 19% Non-fibrous (Other)	16% Chrysotile
A-86 <small>091714374-0086</small>	Gray sealer on top of parapet wall	Gray/Black Non-Fibrous Homogeneous		70% Matrix 15% Non-fibrous (Other)	15% Chrysotile
A-87 <small>091714374-0087</small>	Gray sealer at bottom of fan unit	Black Fibrous Homogeneous	10% Cellulose	10% Ca Carbonate 60% Matrix 20% Non-fibrous (Other)	None Detected
A-88 <small>091714374-0088</small>	Gray sealer at roof vent	Gray/Black Fibrous Homogeneous		70% Matrix 20% Non-fibrous (Other)	10% Chrysotile
A-89 <small>091714374-0089</small>	Gray sealer at flue pipe on roof	Gray/Black Fibrous Homogeneous		70% Matrix 20% Non-fibrous (Other)	10% Chrysotile

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-90 <small>091714374-0090</small>	Gray sealer at seam in metal parapet cap	Gray/Black Fibrous Homogeneous		70% Matrix 20% Non-fibrous (Other)	10% Chrysotile
A-91-Shingle <small>091714374-0091</small>	Black composition roof shingles and felt	Black Fibrous Homogeneous	10% Glass	5% Quartz 10% Ca Carbonate 60% Matrix 15% Non-fibrous (Other)	None Detected
A-91-Felt <small>091714374-0091A</small>	Black composition roof shingles and felt	Black Fibrous Homogeneous	70% Cellulose	10% Matrix 20% Non-fibrous (Other)	None Detected
A-92 <small>091714374-0092</small>	Brown composition roof shingles	Black Fibrous Homogeneous	10% Glass	10% Quartz 10% Ca Carbonate 50% Matrix 20% Non-fibrous (Other)	None Detected
A-93 <small>091714374-0093</small>	Built up roofing at edge of roof	Black Fibrous Homogeneous	10% Glass	2% Quartz 10% Ca Carbonate 60% Matrix 18% Non-fibrous (Other)	None Detected
A-94 <small>091714374-0094</small>	Built up roofing at field of roof	Black Fibrous Homogeneous	10% Glass	10% Quartz 10% Ca Carbonate 50% Matrix 20% Non-fibrous (Other)	None Detected
A-95 <small>091714374-0095</small>	Built up roofing at sloped roof	Black Fibrous Homogeneous	10% Glass	5% Ca Carbonate 70% Matrix 15% Non-fibrous (Other)	None Detected
A-96 <small>091714374-0096</small>	Composition roofing at edge of roof	Black Fibrous Homogeneous	10% Glass	10% Quartz 10% Ca Carbonate 50% Matrix 20% Non-fibrous (Other)	None Detected
A-97 <small>091714374-0097</small>	Composition roofing at field of roof	Black Fibrous Homogeneous	10% Glass	80% Matrix 10% Non-fibrous (Other)	None Detected
A-98-Shingle <small>091714374-0098</small>	Composition roofing on side of parapet wall	White/Black Non-Fibrous Homogeneous	10% Glass	10% Quartz 30% Ca Carbonate 40% Matrix 10% Non-fibrous (Other)	None Detected
A-98-Felt <small>091714374-0098A</small>	Composition roofing on side of parapet wall	White/Black Non-Fibrous Homogeneous	20% Glass	80% Matrix	None Detected
A-99 <small>091714374-0099</small>	Black composition roofing on side of parapet wall	Black Non-Fibrous Homogeneous	15% Synthetic	5% Quartz 70% Matrix 10% Non-fibrous (Other)	None Detected
A-100 <small>091714374-0100</small>	Black felt under clay roof tiles	Black Non-Fibrous Homogeneous	30% Cellulose	70% Matrix	None Detected
A-101 <small>091714374-0101</small>	Black felt under clay roof tiles	Black Non-Fibrous Homogeneous	30% Cellulose	70% Matrix	None Detected
A-102 <small>091714374-0102</small>	Exterior stucco under eave	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	<1% Chrysotile
A-103 <small>091714374-0103</small>	Exterior stucco wall	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	<1% Chrysotile
A-104 <small>091714374-0104</small>	Exterior stucco under eave	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-105-Brick <small>091714374-0105</small>	Brick and mortar wall	Brown Non-Fibrous Homogeneous		25% Quartz 35% Gypsum 40% Non-fibrous (Other)	None Detected
A-105-Mortar <small>091714374-0105A</small>	Brick and mortar wall	Brown Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-106-CMU <small>091714374-0106</small>	CMU brick and mortar wall	Gray Non-Fibrous Homogeneous	20% Glass	25% Quartz 55% Non-fibrous (Other)	None Detected
A-106-Mortar <small>091714374-0106A</small>	CMU brick and mortar wall	Gray Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-107-Brick <small>091714374-0107</small>	Brick and mortar wall	Brown/Black Non-Fibrous Homogeneous		15% Quartz 35% Gypsum 50% Non-fibrous (Other)	None Detected
A-107-Mortar <small>091714374-0107A</small>	Brick and mortar wall	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-108-Brick <small>091714374-0108</small>	Brick and mortar wall	Brown/Black Non-Fibrous Homogeneous		25% Quartz 35% Gypsum 40% Non-fibrous (Other)	None Detected
A-108-Mortar <small>091714374-0108A</small>	Brick and mortar wall	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-109-Brick <small>091714374-0109</small>	CMU brick and mortar wall	Brown/Black Non-Fibrous Homogeneous		20% Quartz 30% Gypsum 50% Non-fibrous (Other)	None Detected
A-109-Mortar <small>091714374-0109A</small>	CMU brick and mortar wall	Tan Non-Fibrous Homogeneous		25% Quartz 75% Non-fibrous (Other)	None Detected
A-110-Joint Compound <small>091714374-0110</small>	Drywall and joint compound room 5	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
A-110-Joint Compound 2 <small>091714374-0110A</small>	Drywall and joint compound room 5	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
A-110-Drywall <small>091714374-0110B</small>	Drywall and joint compound room 5	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-111-Joint Compound <small>091714374-0111</small>	Drywall and joint compound room 11	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-111-Drywall <small>091714374-0111A</small>	Drywall and joint compound room 11	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-112-Joint Compound <small>091714374-0112</small>	Drywall and joint compound room 4	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-112-Drywall <small>091714374-0112A</small>	Drywall and joint compound room 4	Beige Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-113-Joint Compound <small>091714374-0113</small>	Drywall and joint compound room 6	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile

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			% Fibrous	% Non-Fibrous	% Type
A-113-Joint Compound 2 <small>091714374-0113A</small>	Drywall and joint compound room 6	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
A-113-Drywall <small>091714374-0113B</small>	Drywall and joint compound room 6	White Non-Fibrous Homogeneous	3% Cellulose	80% Gypsum 17% Non-fibrous (Other)	None Detected
A-114-Joint Compound <small>091714374-0114</small>	Drywall and joint compound room 1	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-114-Drywall <small>091714374-0114A</small>	Drywall and joint compound room 1	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-115 <small>091714374-0115</small>	Concrete slab room 2	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-116 <small>091714374-0116</small>	Concrete slab room 3	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-117 <small>091714374-0117</small>	Concrete slab room 1	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-118 <small>091714374-0118</small>	Concrete sidewalk	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-119-Joint Compound <small>091714374-0119</small>	Drywall and joint compound room 1	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-119-Drywall <small>091714374-0119A</small>	Drywall and joint compound room 1	Beige Non-Fibrous Homogeneous	2% Glass	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-120-Joint Compound <small>091714374-0120</small>	Drywall and joint compound room 4	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-120-Drywall <small>091714374-0120A</small>	Drywall and joint compound room 4	Beige Non-Fibrous Homogeneous	1% Glass	80% Gypsum 19% Non-fibrous (Other)	None Detected
A-121-Joint Compound <small>091714374-0121</small>	Drywall and joint compound room 7				Insufficient Material
A-121-Drywall <small>091714374-0121A</small>	Drywall and joint compound room 7	White Non-Fibrous Homogeneous	1% Cellulose 1% Glass	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-122-Joint Compound <small>091714374-0122</small>	Drywall and joint compound room 6	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-122-Drywall <small>091714374-0122A</small>	Drywall and joint compound room 6	Beige Non-Fibrous Homogeneous	1% Glass	80% Gypsum 19% Non-fibrous (Other)	None Detected
A-123-Joint Compound <small>091714374-0123</small>	Drywall and joint compound room 11	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-123-Drywall <small>091714374-0123A</small>	Drywall and joint compound room 11	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-124 <small>091714374-0124</small>	Grout and mortar under tan 16" ceramic floor tile room 1	Gray Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
A-125 <small>091714374-0125</small>	Grout and mortar under tan 16" ceramic floor tile room 3	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-126 <small>091714374-0126</small>	Grout and mortar under tan 6" terracotta floor tile room 7	Beige Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-127 <small>091714374-0127</small>	Grout and mortar under tan 6" terracotta floor tile room 7	Beige Non-Fibrous Homogeneous		25% Quartz 20% Gypsum 55% Non-fibrous (Other)	None Detected
A-128 <small>091714374-0128</small>	2'x4' fissured ceiling tile (tan) room 1	Gray Fibrous Homogeneous	45% Cellulose 10% Min. Wool	15% Perlite 30% Non-fibrous (Other)	None Detected
A-129 <small>091714374-0129</small>	2'x4' fissured ceiling tile (white) room 1	Gray Non-Fibrous Homogeneous	45% Cellulose 10% Min. Wool	15% Perlite 30% Non-fibrous (Other)	None Detected
A-130 <small>091714374-0130</small>	2'x4' gypsum ceiling tile room 2	White Non-Fibrous Homogeneous	1% Glass	80% Gypsum 19% Non-fibrous (Other)	None Detected
A-131 <small>091714374-0131</small>	Grout and mortar under gray 16" ceramic floor tile room 4	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-132 <small>091714374-0132</small>	Tan mastic on black vinyl floor base room 1	Tan Non-Fibrous Homogeneous		50% Ca Carbonate 50% Matrix	None Detected
A-133 <small>091714374-0133</small>	Gray linoleum (top layer) room 5	Gray Non-Fibrous Homogeneous	20% Cellulose 1% Glass	40% Matrix 39% Non-fibrous (Other)	None Detected
<i>This is a composite result of both vinyl and backing layer</i>					
A-134-Floor Tile <small>091714374-0134</small>	Gray linoleum (middle layer) room 5	Beige Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-134-Mastic <small>091714374-0134A</small>	Gray linoleum (middle layer) room 5	Yellow/Clear Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-134-Leveler <small>091714374-0134B</small>	Gray linoleum (middle layer) room 5	Gray Non-Fibrous Homogeneous	2% Cellulose	70% Ca Carbonate 28% Non-fibrous (Other)	None Detected
A-135-Floor Tile <small>091714374-0135</small>	White floor tile (bottom layer) room 5	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
A-135-Mastic <small>091714374-0135A</small>	White floor tile (bottom layer) room 5	Tan Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-136 <small>091714374-0136</small>	Grout and mortar under tan 16" ceramic floor tile room 1	Gray Non-Fibrous Homogeneous		20% Quartz 20% Gypsum 60% Non-fibrous (Other)	None Detected
A-137 <small>091714374-0137</small>	Tan mastic on black vinyl floor base room 2	Gray Non-Fibrous Homogeneous		70% Matrix 30% Non-fibrous (Other)	None Detected
A-138 <small>091714374-0138</small>	Yellow mastic residue on concrete floor room 3	Tan Non-Fibrous Homogeneous		60% Matrix 40% Non-fibrous (Other)	None Detected

Initial report from: 07/22/2017 13:57:31



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Tel/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091714374
Customer ID: ECSI85
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
A-139-Texture <i>091714374-0139</i> <i>No texture layer present</i>	Drywall and joint compound/texture compound room 4				Insufficient Material
A-139-Joint Compound <i>091714374-0139A</i>	Drywall and joint compound/texture compound room 4	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-139-Drywall <i>091714374-0139B</i>	Drywall and joint compound/texture compound room 4	White Non-Fibrous Homogeneous	1% Cellulose 1% Glass	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-140-Texture <i>091714374-0140</i>	Drywall and joint compound/texture compound room 5	Tan Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
A-140-Joint Compound <i>091714374-0140A</i>	Drywall and joint compound/texture compound room 5	White Non-Fibrous Homogeneous		80% Ca Carbonate 18% Non-fibrous (Other)	2% Chrysotile
A-140-Drywall <i>091714374-0140B</i>	Drywall and joint compound/texture compound room 5	White Non-Fibrous Homogeneous	1% Cellulose 1% Glass	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-141-Texture <i>091714374-0141</i>	Drywall and joint compound/texture compound room 2	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-141-Joint Compound <i>091714374-0141A</i>	Drywall and joint compound/texture compound room 2	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-141-Drywall <i>091714374-0141B</i>	Drywall and joint compound/texture compound room 2	White Non-Fibrous Homogeneous	1% Cellulose 1% Glass	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-142-Drywall <i>091714374-0142</i>	Drywall and joint compound compound room 3	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-142-Compound <i>091714374-0142A</i>	Drywall and joint compound compound room 3	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-143-Texture <i>091714374-0143</i>	Drywall and joint compound/texture compound room 1				Insufficient Material
A-143-Joint Compound <i>091714374-0143A</i>	Drywall and joint compound/texture compound room 1	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-143-Drywall <i>091714374-0143B</i>	Drywall and joint compound/texture compound room 1	White Non-Fibrous Homogeneous	1% Cellulose 1% Glass	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-144 <i>091714374-0144</i>	Texture compound on drywall room 4	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-145 <i>091714374-0145</i>	Texture compound on drywall room 1	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-146 <i>091714374-0146</i>	Concrete slab room 3	Gray Non-Fibrous Homogeneous		15% Quartz 20% Gypsum 65% Non-fibrous (Other)	None Detected
A-147 <i>091714374-0147</i>	Concrete slab room 7	Gray Non-Fibrous Homogeneous		15% Quartz 20% Gypsum 65% Non-fibrous (Other)	None Detected

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EMSL Order: 091714374
Customer ID: ECSI85
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
A-148 <small>091714374-0148</small>	Gray coating on wood floor room 7	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
A-149-Mastic <small>091714374-0149</small>	Gray mastic under carpet room 6	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 70% Matrix 20% Non-fibrous (Other)	None Detected
A-149-Mastic 2 <small>091714374-0149A</small>	Gray mastic under carpet room 6	Yellow Non-Fibrous Homogeneous		80% Matrix 20% Non-fibrous (Other)	None Detected
A-150-Drywall <small>091714374-0150</small>	Drywall and joint compound room 7	White Non-Fibrous Homogeneous	3% Cellulose	80% Gypsum 17% Non-fibrous (Other)	None Detected
A-150-Compound <small>091714374-0150A</small>	Drywall and joint compound room 7	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-151-Drywall <small>091714374-0151</small>	Drywall and joint compound/texture compound room 9	White Non-Fibrous Homogeneous	3% Cellulose	80% Gypsum 17% Non-fibrous (Other)	None Detected
A-151-Compound <small>091714374-0151A</small>	Drywall and joint compound/texture compound room 9	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-151-Texture <small>091714374-0151B</small>	Drywall and joint compound/texture compound room 9	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-152 <small>091714374-0152</small>	White compound on wood wall room 5	White Non-Fibrous Homogeneous	4% Cellulose	20% Ca Carbonate 60% Gypsum 16% Non-fibrous (Other)	None Detected
A-153-Drywall <small>091714374-0153</small>	Drywall and joint compound room 5	White Non-Fibrous Homogeneous	2% Cellulose	80% Gypsum 18% Non-fibrous (Other)	None Detected
A-153-Compound <small>091714374-0153A</small>	Drywall and joint compound room 5	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-154 <small>091714374-0154</small>	Concrete drain in center of driveway east side	Gray Non-Fibrous Homogeneous		20% Quartz 50% Ca Carbonate 10% Gypsum 20% Non-fibrous (Other)	None Detected
A-155 <small>091714374-0155</small>	Concrete pit behind building north side	Gray Non-Fibrous Homogeneous		20% Quartz 50% Ca Carbonate 10% Gypsum 20% Non-fibrous (Other)	None Detected
A-156-Drywall <small>091714374-0156</small>	Drywall and joint compound/texture compound room 8	White Non-Fibrous Homogeneous		80% Gypsum 20% Non-fibrous (Other)	None Detected
A-156-Compound <small>091714374-0156A</small>	Drywall and joint compound/texture compound room 8	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-157-Linoleum <small>091714374-0157</small>	Tan linoleum room 9	Tan Non-Fibrous Homogeneous	10% Cellulose 2% Glass	20% Ca Carbonate 50% Matrix 18% Non-fibrous (Other)	None Detected
A-157-Mastic <small>091714374-0157A</small>	Tan linoleum room 9	Tan Non-Fibrous Homogeneous	10% Cellulose	60% Matrix 30% Non-fibrous (Other)	None Detected
A-158-Drywall <small>091714374-0158</small>	Drywall and joint compound room 8	White Non-Fibrous Homogeneous	4% Cellulose	80% Gypsum 16% Non-fibrous (Other)	None Detected

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EMSL Order: 091714374
Customer ID: ECSI85
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
A-158-Compound <small>091714374-0158A</small>	Drywall and joint compound room 8	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-159 <small>091714374-0159</small>	Asphalt parking north side	Black Non-Fibrous Homogeneous		20% Quartz 40% Ca Carbonate 20% Matrix 20% Non-fibrous (Other)	None Detected
A-160 <small>091714374-0160</small>	Asphalt parking north side	Gray Non-Fibrous Homogeneous		30% Quartz 50% Ca Carbonate 20% Non-fibrous (Other)	None Detected
A-161 <small>091714374-0161</small>	Asphalt parking north side	Black Non-Fibrous Homogeneous		10% Quartz 25% Ca Carbonate 60% Matrix 5% Non-fibrous (Other)	None Detected
A-162 <small>091714374-0162</small>	Asphalt parking east side	Black Non-Fibrous Homogeneous		20% Quartz 40% Ca Carbonate 20% Matrix 20% Non-fibrous (Other)	None Detected
A-163 <small>091714374-0163</small>	Asphalt parking south side	Black Non-Fibrous Homogeneous		30% Quartz 30% Ca Carbonate 20% Matrix 20% Non-fibrous (Other)	None Detected
A-164 <small>091714374-0164</small>	Asphalt parking south side	Black Non-Fibrous Homogeneous		20% Quartz 40% Ca Carbonate 20% Matrix 20% Non-fibrous (Other)	None Detected

Analyst(s)

Cecilia Yu (39)
 Jared Martin (159)
 Shane Heisser (47)

Matthew Batongbacal
 or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, WA C884

Initial report from: 07/22/2017 13:57:31

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-01	1493	Tan linoleum in laundry room.
A-02		Brown floor base material in laundry room
A-03		Tan linoleum in wash room.
A-04		White linoleum in bathroom.
A-05		Stamped Plaster wall in kitchen.
A-06		Plaster ceiling in kitchen.
A-07		Plaster wall in laundry room.
A-08		Plaster wall in living room.
A-09		Plaster wall in bedroom 1.
A-10		Plaster wall in family room.
A-11		Plaster wall in bedroom 2.
A-12		Drywall and joint/texture compound in bathroom.
A-13		Texture compound in bathroom.
A-14		Drywall and joint/texture compound in bathroom.
A-15		Texture compound in bathroom.
A-16		Drywall and joint/texture compound on ceiling in bedroom 2.
A-17		Grout and mortar under yellow ceramic tiles at sink in wash room.
A-18		Window glazing compound at wash room.
A-19		Window glazing compound at kitchen.
A-20	✓	Window glazing compound at bedroom 2.

Date:	Time:	Relinquished By:	Company:	Received By:	Company:	Date:	Time:
7/14/17		Ryan Govan	ECS	TR	EMSL	7/15/17	3:00 PM

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-21	1493	Window glazing compound at family room
A-22		Window glazing compound at bedroom 1.
A-23		White exterior paint at bedroom 2.
A-24		White exterior paint at garage
A-25		Brown composition shingles and felt on garage.
A-26		Gray foot sealer at seams on composition roof above bedroom 2.
A-27		Gray composition roofing above laundry
A-28		Built up roofing under composition roofing above laundry.
A-29		Black composition roof shingles and felt on house.
A-30		Gray sealer at chimney
A-31		Brick and mortar chimney.
A-32		Gray composition sheeting on shed.
A-33		Concrete foundation
A-34		Concrete foundation
A-35		concrete sidewalk
A-36		Concrete slab in basement.
A-37		concrete slab in basement
A-38		concrete slab in garage
A-39		concrete slab in garage
A-40	✓	Asphalt driveway

Date:	Time:	Relinquished By:	Company:	Received By:	Company:	Date:	Time:
7/14/17		Ryan Govan	ECS	TR	EMSL	7/15/17	3:00 PM

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-41	1493	Asphalt driveway
A-42	↓	Asphalt driveway
A-43		Asphalt driveway
A-44		1483
A-45		White linoleum, yellow mastic in cashiers office.
A-46		Tan 9" floor tile, red mastic in office.
A-47		Gray 6" ceramic floor tile, grout, mortar, Men's restroom
A-48		Gray 6" ceramic wall tile, tan mastic, Men's restroom
A-49		Gray 6" ceramic floor tile, grout, mortar, Women's restroom.
A-50		Gray 6" ceramic wall tile, tan mastic, Women's restroom.
A-51		Composition coating on cashiers office
A-52		CMU block and mortar wall.
A-53		CMU block and mortar wall
A-54		CMU block and mortar wall
A-55		CMU block and mortar wall
A-56		Brick and mortar border around window in CMU wall.
A-57		Concrete slab at front of car wash.
A-58		Concrete slab inside car wash.
A-59		concrete slab inside car wash.
A-60	✓	concrete slab at back of car wash.

Date:	Time	Relinquished By:	Company	Received By:	Company	Date:	Time:
7/14/17		Ryan Govan	ECS	TR	EMSL	7/15/17	3:00PM

091714374

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-61	1483	Asphalt driveway.
A-62		Asphalt driveway.
A-63		Asphalt driveway
A-64		Asphalt driveway
A-65		Asphalt driveway
A-66		Gray Sealer at vent on roof.
A-67		Gray Sealer at vent on roof.
A-68		Black Sealer at Parapet wall.
A-69		Gray Sealer at Parapet wall.
A-70		Composition roofing at field of roof
A-71		Composition roofing at Parapet wall.
A-72		Composition roofing at field of roof.
A-73		Composition roofing above parking area.
A-74		Window glazing compound at office.
A-75		Window glazing compound at office.
A-76	✓	Window glazing compound at woman's restroom.
A-77	1433	Gray Sealer on top of Parapet wall.
A-78		Orange cement on clay roof tiles
A-79		Clay roof tile.
A-80	✓	Gray Sealer on clay roof tiles at top of Parapet wall.

Date:	Time:	Relinquished By:	Company	Received By:	Company	Date.	Time
7/14/17		<u>Ryan Govan</u>	<u>ECS</u>	<u>TK</u>	<u>EMSL</u>	7/15/17	3:00 PM (u)

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-81	1433	Red Cement on clay roof tiles.
A-82		clay roof tile.
A-83		Gray Sealer at roof vent.
A-84		Gray Sealer on exhaust fan on roof.
A-85		Gray Sealer at Seam in metal cap on Parapet Wall.
A-86		Gray Sealer on top of Parapet Wall.
A-87		Gray Sealer at bottom of fan unit.
A-88		Gray Sealer at roof vent.
A-89		Gray Sealer at Flu pipe on roof.
A-90		Gray Sealer at Seam in metal Parapet cap.
A-91		Black composition roof shingles and felt.
A-92		Brown composition roof shingles.
A-93		Built up roofing at edge of roof.
A-94		Built up roofing at field of roof.
A-95		Built up roofing at sloped roof.
A-96		Composition roofing at edge of roof.
A-97		Composition roofing at field of roof.
A-98		Composition roofing on side of Parapet Wall.
A-99		Black composition roofing on side of Parapet Wall.
A-100	✓	Black felt under clay roof tiles.

Date:	Time:	Relinquished By	Company	Received By:	Company	Date:	Time:
7/14/17		<u>Ryan Govan</u>	<u>ECS</u>	<u>TR</u>	<u>EMSL</u>	7/15/17	3:10 PM

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description	
A-101	1433	Black felt under clay roof tiles	
A-102		Exterior stucco under eave.	
A-103		Exterior stucco wall	
A-104		Exterior stucco under eave.	
A-105		Brick and mortar wall.	
A-106		CMU Block and mortar wall.	
A-107		Brick and mortar wall	
A-108		Brick and mortar wall	
A-109		↓	CMU Block and mortar wall
A-110		1433	Drywall and joint compound, room 5
A-111			Drywall and joint compound, room 11
A-112	Drywall and joint compound, room 4.		
A-113	Drywall and joint compound, room 6.		
A-114	Drywall and joint compound, room 1.		
A-115	Concrete slab, room 2.		
A-116	Concrete slab, room 3.		
A-117	Concrete slab, room 1.		
A-118	↓	Concrete sidewalk	
A-119	1453	Drywall and joint compound, room 1.	
A-120	↓	Drywall and joint compound, room 4.	

Date:	Time:	Relinquished By:	Company:	Received By:	Company:	Date:	Time:
7/14/17		Ryan Govan	ECS	TR	EMSL	7/15/17	3:00PM

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/14

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
- PLM Bulk Analysis
 - PLM Point Count 400 - 1000
 - TEM Bulk Analysis
 - FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-121	1453	DRYwall and joint compound, room 7
A-122		DRYwall and joint compound, room 6
A-123		DRYwall and joint compound, room 1.
A-124		Grout and mortar under Tan 16" ceramic floor tile, room 6
A-125		Grout and mortar under Tan 16" ceramic floor tile, room 3
A-126		Grout and mortar under 6" terracotta floor tile, room 2
A-127		Grout and mortar under 6" terracotta floor tile, room 7
A-128		2'x4' fissured ceiling tile (tan), room 1.
A-129		2'x4' fissured ceiling tile (white), room 1
A-130	✓	2'x4' gypsum ceiling tile, room 2.
A-131	1463	Grout and mortar under gray 16" ceramic floor tile, room 4
A-132		Tan mastic on black vinyl floor base, room 1.
A-133		Gray linoleum (top layer), room 5.
A-134		Gray linoleum (middle layer) room 5.
A-135		White floor tile (bottom layer) room 5.
A-136		Grout and mortar under Tan 16" ceramic floor tile, room 1.
A-137		Tan mastic on black vinyl floor base, room 2.
A-138		Yellow mastic residue on concrete floor, room 3
A-139		DRYwall and joint / texture compound, room 4.
A-140	✓	DRYwall and joint / texture compound, room 5.

Date:	Time:	Relinquished By:	Company	Received By:	Company	Date:	Time:
7/14/17		Ryan Govan	ECS	TR	EMSL	7/13/17	3:00PM WJ

ENVIRONMENTAL CONSTRUCTION SERVICES, INC.
BULK SAMPLE ANALYSIS FORM

Date: 7/13/17

Laboratory: EMSL

Results Requested By: Rush 24Hr 48Hr 72Hr Other 1 Week

- Analysis Requested:
 PLM Bulk Analysis
 PLM Point Count 400 - 1000
 TEM Bulk Analysis
 FAA Lead Paint Analysis

Job Name: 1433-1493 El Camino Real Job Number: _____

Location: Santa Clara, CA 95050 Collected By: Ryan Govan

Sample No.	Building	Location/Description
A-141	1463	Drywall and joint ^{texture} compound, room 2
A-142		Drywall and joint compound, room 3.
A-143		Drywall and joint/texture compound, room 1.
A-144		Texture compound on drywall, room 4.
A-145		Texture compound on drywall, room 1.
A-146		concrete slab, room 3.
A-147		concrete slab, room 7.
A-148		Gray coating on wood floor, room 7.
A-149		Gray mastic under carpet, room 6.
A-150		Drywall and joint compound, room 7.
A-151		Drywall and joint/texture compound, room 9.
A-152		White compound on wood wall, room 5.
A-153	✓	Drywall and joint compound, room 5.
A-154	1433	concrete drain in center of driveway, east side.
A-155	1463	concrete pit behind building, north side.
A-156		Drywall and joint/texture compound, room 8.
A-157		Tan linoleum, room 9.
A-158		Drywall and joint compound, room 8.
A-159		Asphalt Parking, North Side.
A-160	✓	concrete Parking, North Side.

Date	Time	Relinquished By.	Company	Received By:	Company	Date	Time
7/14/17		<u>Ryan Govan</u>	<u>EMSL</u>	<u>TR</u>	<u>EMSL</u>	7/15/17	3:00PM (w)

