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Asbestos Containing / Survey Report

Job Site:

SAINT ANDREWS CHURCH
1231 E. CHAPMAN AVENUE
FULLERTON, CALIFORNIA

Prepared For:

MR. BRETT YOUNG – FACILITIES MANAGER
ORANGE COUNTY HEAD START, INC
2501 S. PULLMAN STREET
SANTA ANA, CALIFORNIA 92705
brett.young@ochsinc.org

October 21, 2014

PROJECT №. **E214-284**

Mario Virgen
State of California
Certified Asbestos Consultant #00-2859

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GENERAL INFORMATION

Global Environmental Training and Consulting, Inc. (GETC) was retained by the representative Mr. Brett Young of Orange County Head Start, Inc to conduct an Asbestos Survey for suspect building materials at the Saint Andrews Church located at 1231 E. Chapman Avenue in Fullerton, California

The field inspection and sample collection were performed by GETC inspector Miguel Virgen, a California Certified Site Surveillance Technician #00-2760. The project manager for this project was Mario Virgen, a California Certified Asbestos Consultant #00-2859.

AUTHORIZATION

Authorization to perform this study was given by the Orange County Head Start, Inc representative Mr. Brett Young.

This report has been prepared for the exclusive use of the Orange County Head Start, Inc.

PURPOSE

The purpose of this asbestos study was to identify building materials, which contain asbestos in the structures located at the referenced property.

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GENERAL SUMMARY

Asbestos-containing building materials were found at the Saint Andrews Church located at 1231 E. Chapman Avenue in Fullerton, California. A material is considered by the State of California to be asbestos-containing if at least one sample collected from the area shows asbestos present in an amount greater than or equal to 0.1%. Specific removal requirements will apply if asbestos-containing materials will be disturbed during future demolition activities.

SUMMARY OF RESULTS

- **EXTERIOR**
  - **STUCCO / PLASTER**
  - **WINDOW PUTTY**
- **FLOOR**
  - **9"x9" FLOORTILE & MASTIC**

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Warranty

Global Environmental Training and Consulting, Inc. (GETC) warrants that the findings contained herein have been prepared in general accordance with accepted professional practices as applied by similar professionals in the community at the time of its preparation. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence, condition and hazard potential of accessible and/or exposed suspect asbestos-containing building materials in the facility at the time of inspection. Test results are valid only for the material tested.

There is a distinct possibility that conditions may exist which could not be identified within the scope of study or which were not apparent during the site visit. This inspection covered only those areas, which were exposed and/or physically accessible to the inspector.

No other warranties are implied or expressed.

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GENERAL REFERENCES

Inspection procedures were performed in general accordance with the guidelines published by the EPA in 40 CFR Part 763 Subpart E, October 30, 1987. Sampling procedures included the collection of at least 3 samples of all suspect materials.

GENERAL ORGANIZATION

Before beginning the actual inspection, project coordination was conducted between Mr. Brett Young representative of the Orange County Head Start, Inc. and Mr. Miguel Virgen representative of Global Environmental Training and Consulting, Inc. to discuss the inspection, including designating escorts, providing access, preferred inspection and sampling times, sampling procedures, and other issues.

Access to the property was provided by the Brett Young personnel. The study consisted of three major activities: visual inspection, sampling, and lab analyses. Although these activities are listed separately, they are integrated tasks.

VISUAL INSPECTION

A California Certified Site Surveillance Technician under the direction of a California Certified Asbestos Consultant performed the visual inspection. An initial building walkthrough was conducted to determine the presence and condition of suspect materials, which were accessible and/or exposed. Materials that were similar in general appearance were grouped into homogeneous sampling areas.

- Homogeneous Material Classifications

  A preliminary walkthrough of the buildings was conducted to determine areas of materials which were visually similar in color, texture, general appearance, and which appeared to have been installed at the same time. Such materials are termed "homogeneous materials" by the EPA. During this walkthrough, the approximate locations of these homogeneous materials were also noted.

  Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

  - **Surfacing Materials** (materials which have been spray or trowel applied to building members)
  - **Thermal System Insulation** (materials generally applied to various mechanical systems)
  - **Miscellaneous Materials** (any materials which do not fit either of the above categories)

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SAMPLING PROCEDURES

Following the walkthrough, the inspector collected selected samples of exposed and/or accessible building materials suspected of containing asbestos.

EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Samples of surfacing and miscellaneous materials were taken randomly when possible while attempting to sample already damaged areas so as to minimize disturbance of the material.

LABORATORY PROCEDURES

Method of Analysis

All bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining as described by the E.P.A. Interim Method for the Determination of Asbestos in Bulk Insulation Samples (40 CFR Ch. 1 Pt. 763, App. A to Subpt. F, July 1, 1987). This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays which result enable mineral identification.

Laboratory Quality Control Program

Micron Environmental Labs, Inc. 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.

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GENERAL SUMMARY

A material is considered to be asbestos-containing if at least one sample collected from the area shows asbestos present in an amount greater than one percent (1.0%). However, in California a material is considered by CAL OSHA to be an asbestos containing construction material (ACCM) if at least one sample collected from the area shows asbestos present is greater than one-tenth of one percent (0.1%).

REPORT FORMAT FOR SURVEY SUMMARY

Results of the survey are summarized in Table 1 – for the referenced property of section 6, entitled *Tables & Drawings*. Laboratory Analytical Results are in Section 7, entitled *Appendices*.

The following explains the content of each data column in Table 1 and its relationship with other items in the table.

Sample Group Number - The sample group number is assigned to a single sample or a cluster of samples that were taken from a single homogeneous material. This number is separate from the individual sample number assigned to each sample; e.g., if three samples are taken from a surfacing material, those three samples each have a separate individual sample number, but the group is assigned a single group identification number.

Material - Description of the homogeneous material.

Material Location - A description of a specific material location within the homogeneous area under which it is listed.

F/NF - F = friable, NF = nonfriable

Material Condition - Rated as: good = no damage or minimal damage; damaged = less than 25 % localized or 10 % distributed damage; or significantly damaged = greater than 25 % localized or 10% distributed damage.

Results of PLM Analysis: - The highest total percent asbestos found in the samples taken from a homogeneous material. If a "ND" is present in this column, no asbestos was detected in the group of samples. If a "TR" is entered, this indicates that a trace (<1%) of asbestos was found in the samples from a homogeneous material. The type of asbestos (e.g. chrysotile, amosite, etc.) present is shown in this column as well.

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ASBESTOS – DISCUSSION

On October 15, 2014 a survey to identify asbestos-containing materials was conducted at the referenced property located in Fullerton, California. 16 homogeneous materials were identified and sampled. 3 of these homogeneous materials tested positive for asbestos. Please refer to Table 1 - Summary of Bulk Sample Analyses for Asbestos Identification located in Section 6 of this report.

Specific removal requirements apply if the asbestos-containing materials will be disturbed during maintenance, renovation or demolition activities.

ASBESTOS – RECOMMENDATIONS

Global Environmental Training & Consulting recommends that a licensed Asbestos Abatement Contractor to be hired to remove all asbestos containing materials prior to any renovation or demolition activities. Also a certified Asbestos Consultant needs to be hired to insure proper Federal, State and Local procedures are followed and also to Issue a Clearance Certification.

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SECTION 6

Tables & Drawings

TABLE 1

ASBESTOS IDENTIFICATION TABLE

SAMPLE №.	ROOM #	LOCATION	DESCRIPTION	RESULTS
01-01		**EXTERIOR**	**STUCCO / PLASTER**	**<1% CHRYSOTILE**
01-02		**EXTERIOR**	**STUCCO / PLASTER**	**<1% CHRYSOTILE**
01-03		**EXTERIOR**	**STUCCO / PLASTER**	**<1% CHRYSOTILE**
02-01		EXTERIOR	FELT PAPER	ND
02-02		EXTERIOR	FELT PAPER	ND
02-03		EXTERIOR	FELT PAPER	ND
03-01		**EXTERIOR**	**WINDOW PUTTY**	**2% CHRYSOTILE**
03-02		**EXTERIOR**	**WINDOW PUTTY**	**2% CHRYSOTILE**
03-03		**EXTERIOR**	**WINDOW PUTTY**	**2% CHRYSOTILE**
04-01		CEILING – 1ST FLOOR	DRYWALL	ND
04-02		CEILING – 1ST FLOOR	DRYWALL	ND
04-03		CEILING – 2ND FLOOR	DRYWALL	ND
05-01	#12	CEILING	1'x1' CEILING TILE	ND
05-02	#11	CEILING	1'x1' CEILING TILE	ND
05-03	#9	CEILING	1'x1' CEILING TILE	ND
06-01	#12	CEILING	C.T. MASTIC - BROWN	ND
06-02	#11	CEILING	C.T. MASTIC – BROWN	ND
06-03	#9	CEILING	C.T. MASTIC – BROWN	ND

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07-01	1ST FL. HALLWAY	CEILING	C.T. MASTIC - BLACK	ND	
07-02	1ST FL. HALLWAY	CEILING	C.T. MASTIC – BLACK	ND	
07-03	1ST FL. HALLWAY	CEILING	C.T. MASTIC – BLACK	ND	
08-01	#12	FLOORS	COVE BASE & MASTIC - GREY	COVE BASE	MASTIC
				ND	ND
08-02	#12	FLOORS	COVE BASE & MASTIC – GREY	ND	ND
08-03	#12	FLOORS	COVE BASE & MASTIC - GREY	ND	ND
09-01	#8	FLOOR	COVE BASE & MASTIC - BROWN	ND	ND
09-02	#10	FLOOR	COVE BASE & MASTIC – BROWN	ND	ND
09-03	#11	FLOOR	COVE BASE & MASTIC – BROWN	ND	ND
10-01	1ST FL. BOYS RR	FLOOR	COVE BASE & MASTIC – CREAM	ND	ND
10-02	1ST FL. GIRLS RR	FLOOR	COVE BASE & MASTIC – CREAM	ND	ND
10-03	2ND FL. GIRLS RR	FLOOR	COVE BASE & MASTIC – CREAM	ND	ND
11-01	#12	FLOOR	12"x12" FLOOR TILE - TACKY	ND	
11-02	#12	FLOOR	12"x12" FLOOR TILE – TACKY	ND	
11-03	#12	FLOOR	12"x12" FLOOR TILE - TACKY	ND	

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12-01	**#8**	**FLOOR**	**9"x9" FLOOR TILE & MASTIC**	**FLOOR TILE**	**MASTIC**
				2% CHRYSOTILE	**5% CHRYSOTILE**
12-02	**#11**	**FLOOR**	**9"x9" FLOOR TILE & MASTIC**	**2% CHRYSOTILE**	**5% CHRYSOTILE**
12-03	**2ND FL. HALLWAY**	**FLOOR**	**9"x9" FLOOR TILE & MASTIC**	**2% CHRYSOTILE**	**5% CHRYSOTILE**
13-01	UTILITY	FLOOR	12"x12" FLOOR TILE - TACKY	ND	
13-02	UTILITY	FLOOR	12"x12" FLOOR TILE – TACKY	ND	
13-03	UTILITY	FLOOR	12"x12" FLOOR TILE – TACKY	ND	
14-01	#11	WALLS	BUTTON BOARD	ND	
14-02	#12	WALLS	BUTTON BOARD	ND	
14-03	2ND FL.	WALLS	BUTTON BOARD	ND	
15-01	#11	WALLS	PLASTER	ND	
15-02	#12	WALLS	PLASTER	ND	
15-03	2ND FL.	WALLS	PLASTER	ND	
16-01	#11	WALLS	TEXTURE	ND	
16-02	#9	WALLS	TEXTURE	ND	
16-03	#12	WALLS	TEXTURE	ND	

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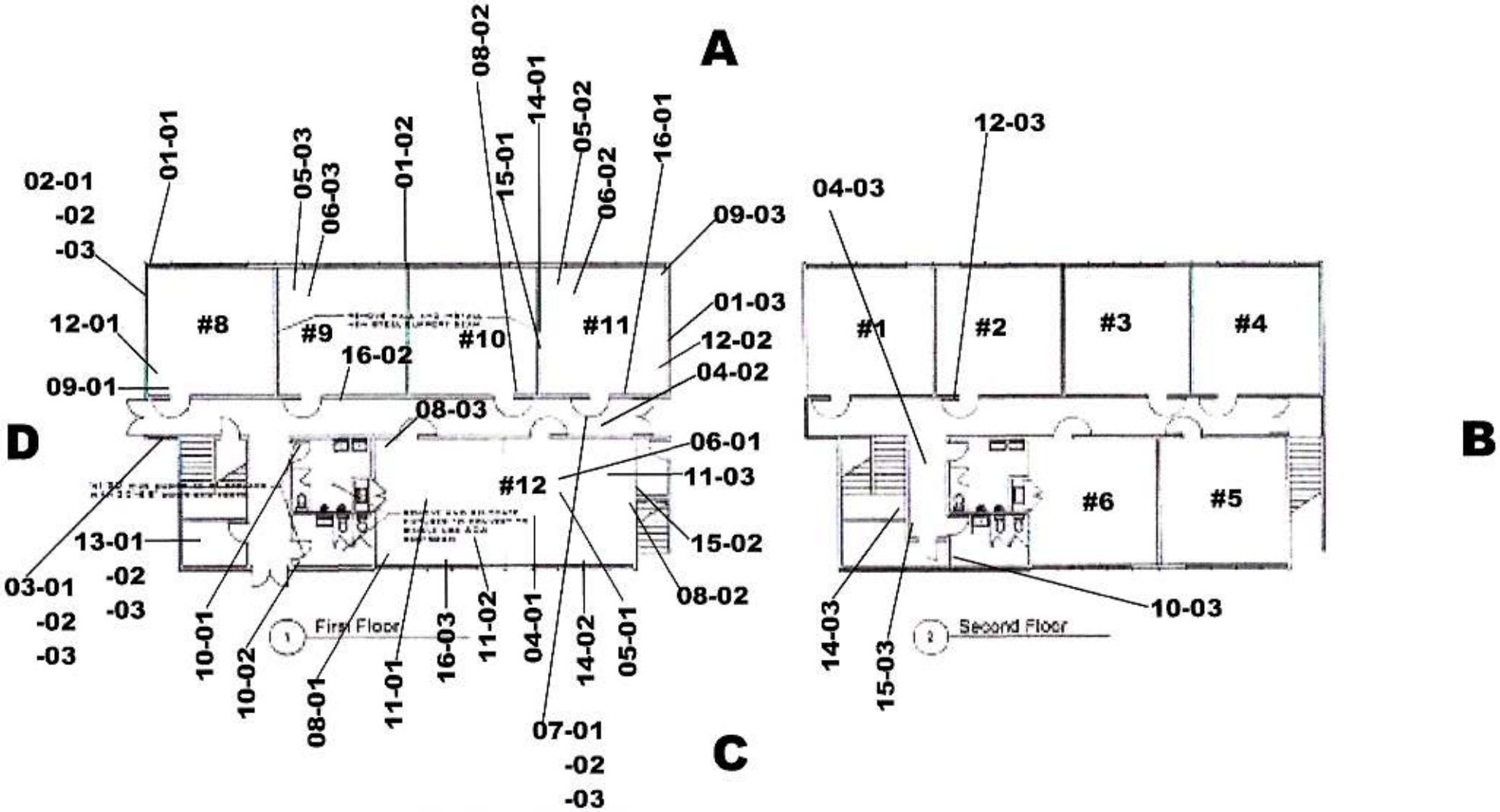
DRAWING 1

SCHEMATIC



EXISTING FLOOR PLAN SCALE: 3/32" = 1'-0"

PROJECT NAME: ST. ANDREWS CHURCH

PROJECT NUMBER: E214-284

SECTION 7

Appendices

BULK
SAMPLING LOG

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Global Environmental Training & Consulting, Inc.

ASBESTOS SAMPLING LOG

13014219

Client:	OC HEAD START, INC. – BRETT YOUNG	GETC's Job №:	E214-284
Site/Project:	SAINT ANDREWS CHURCH	GETC Inspector:	M.VIRGEN
Site Address 1:	1231 E. CHAPMAN AVENUE.	Date:	10/15/14
Site Address 2:	FULLERTON, CA	Page №:	1 OF 4

SAMPLE#	ROOM#	LOCATION	DESCRIPTION	Type	(F/NF)	Condition	Quantity	Asbestos Type %
01-01		EXTERIOR	STUCCO / PLASTER	S	NF	P		<1 Chrys
-02		↓	↓	↓	↑	↑		<1 "
-03		↓	↓	↓	↑	↑		<1 "
02-01		EXTERIOR	FELT PAPER	M	↑	↑		ND
-02		↓	↓	↓	↑	↑		ND
-03		↓	↓	↓	↑	↑		ND
03-01		EXTERIOR	WINDOW PUTTY	S	↑	↑		2% chrys
-02		↓	↓	↓	↑	↑		—
-03		↓	↓	↓	↑	↑		—
04-01		CEILING - 1st FLOOR	DRYWALL	M	↑	↑		ND
-02		↓ - 1st FLOOR	↓	↓	↑	↑		ND
-03		↓ - 2ND FLOOR	↓	↓	↑	↑		ND

CAC / CSST No.

Inspector's Signature

TYPES OF MATERIALS:	↑S = Surfacing Material ↑TSI = Thermal System Insulation ↑M = Miscellaneous Material
CONDITION:	↑G = Good ↑F = Fair ↑P = Poor Condition
QUANTITY LIST:	↑S.F. = Square Footage ↑L.F. = Linear Footage ↑C.S. = Cubic Feet

10-15-14 2:17P

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13014219

ASBESTOS SAMPLING LOG

Client:	OC HEAD START, INC. – BRETT YOUNG	GETC's Job №:	E214-284
Site/Project:	SAINT ANDREWS CHURCH	GETC Inspector:	M.VIRGEN
Site Address 1:	1231 E. CHAPMAN AVENUE.	Date:	
Site Address 2:	FULLERTON, CA	Page №:	2 OF 4

SAMPLE#	ROOM#	LOCATION	DESCRIPTION	Type	(F/NF)	Condition	Quantity	Asbestos Type %
05-01	#12	CEILING	1'x1' CEILING TILE	M	NF	P		ND
-02	#11	↓	↓	↓	↓	↓		ND
-03	#9	↓	↓	↓	↓	↓		ND
06-01	#12	CEILING	C.T. MASTIC-BROWN	S	↓	↓		ND
-02	#11	↓	↓ -BROWN	↓	↓	↓		ND
-03	#9	↓	↓ -BROWN	↓	↓	↓		ND
07-01	1ST FL HALLWAY	CEILING	C.T. MASTIC -BLACK	S	↓	↓		ND
-02	↓	↓	↓ -BLACK	↓	↓	↓		ND
-03	↓	↓	↓ -BLACK	↓	↓	↓		ND
08-01	#12	FLOORS	COVEBASE & MASTIC - GREY	M	↓	↓		ND / ND
-02	↓	↓	↓	↓	↓	↓		ND / ND
-03	↓	↓	↓	↓	↓	↓		ND / ND

CAC / CSST No.

Inspector's Signature

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CONDITION:	↑G = Good ↑F = Fair ↑P = Poor Condition
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SED 10-15 2:17P

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ASBESTOS SAMPLING LOG

13014219

Client:	OC HEAD START, INC. – BRETT YOUNG	GETC's Job №:	E214-284
Site/Project:	SAINT ANDREWS CHURCH	GETC Inspector:	M.VIRGEN
Site Address 1:	1231 E. CHAPMAN AVENUE.	Date:	
Site Address 2:	FULLERTON, CA	Page №:	3 OF 4

SAMPLE#	ROOM#	LOCATION	DESCRIPTION	Type	(F/NF)	Condition	Quantity	Asbestos Type %
09-01	#8	FLOORS	COVEBASE & MASTIC – BRN	M	NF	P		ND/ND
-02	#10	↓	↓ – BRN	↓	↓	↓		ND/ND
-03	#11	↓	↓ – BRN	↓	↓	↓		ND/ND
10-01	1ST FL BOY RR	FLOOR	COVEBASE & MASTIC – CREAM	M	↓	↓		ND/ND
-02	1ST FL GIRL'S RR	↓	↓ ↓	↓	↓	↓		ND/ND
-03	2ND FL GIRL RR	↓	↓ ↓	↓	↓	↓		ND/ND
11-01	#12	FLOOR	12"x12" FLOOR TILE – TACKY	M	↓	↓		ND
-02	#12	↓	↓	↓	↓	↓		ND
-03	#12	↓	↓	↓	↓	↓		ND
12-01	#8	FLOOR	9"x9" FLOOR TILE & MASTIC	M	↓	↓		2% Chrys / 5% Chrys
-02	#11	↓	↓	↓	↓	↓		– –
-03	2ND FL HALLWAY	↓	↓	↓	↓	↓		– –

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Inspector's Signature

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Global Environmental Training & Consulting, Inc.

ASBESTOS SAMPLING LOG

13014219

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Site/Project:	SAINT ANDREWS CHURCH	GETC Inspector:	M.VIRGEN
Site Address 1:	1231 E. CHAPMAN AVENUE.	Date:	10/15/14
Site Address 2:	FULLERTON, CA	Page №:	4 OF 4

SAMPLE#	ROOM#	LOCATION	DESCRIPTION	Type	(F/NF)	Condition	Quantity	Asbestos Type %
13-01	UTILITY	FLOOR ~~EXTERIOR STUCCO/PLASTER~~	12"x12" FLOOR TILE – TAN	M	NF	P		ND
13-02	↓	FLOOR		↓	↓	↓		ND
13-03	↓	↓		↓	↓	↓		ND
14-01	#11	WALLS	BUTTONBOARD	M	↓	↓		ND
-02	#12	↓	↓	↓	↓	↓		ND
-03	2ND FL	↓	↓	↓	↓	↓		ND
15-01	#11	WALLS	PLASTER	S	↓	↓		ND
-02	#12	↓	↓	↓	↓	↓		ND
-03	2ND FL	↓	↓	↓	↓	↓		ND
16-01	#11	WALLS	TEXTURE	S	↓	↓		ND
-02	#9	↓	↓	↓	↓	↓		ND
-03	#12	↓	↓	↓	↓	↓		ND

CAC / CSST No.

Inspector Signature

TYPES OF MATERIALS:	↑S = Surfacing Material ↑TSI = Thermal System Insulation ↑M = Miscellaneous Material
CONDITION:	↑G = Good ↑F = Fair ↑P = Poor Condition
QUANTITY LIST:	↑S.F. = Square Footage ↑L.F. = Linear Footage ↑C.S. = Cubic Feet

SBD 10-15-14 2170

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LABORATORY RESULTS DOCUMENTATION

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Micron Environmental Labs, Inc.

3565 Lexington Ave. • El Monte, California 91731 Phone (626) 454-4782 • Fax (626) 454-4849

October 28, 2014

Mario Virgen
Global Environmental T & C, Inc.
1520 W. Cameron Av. #103
West Covina, CA 91790

Subject: PLM Analysis of Bulk Samples
Micron Job No.: 13014219
Client Ref.: E214-284/Saint Andrews Church-1231 E. Chapman Av., Fullerton

Dear Mr. Virgen:

This report includes an attached summary of the samples collected for the analyses of the 54 bulk samples received by this laboratory on October 15, 2014. The analyses were completed using polarized light microscopy (PLM) in accordance with the EPA Method 600/R-93/116, July 1993. The quantification is based on the percentage of visual area estimation and is expressed as percent area. Samples that are multilayer are analyzed by layer unless, it has been requested as a composite analysis. These visual area estimate results are based on using reference standards materials that are routinely used in the laboratory.

For all the organic matrix samples that were not asbestos detected by (PLM), Micron Environmental recommends the use of Transmission Electron Microscopy (TEM) due to the size and the masking of the fibers.

Micron Environmental Labs, Inc. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) Lab Code 200294-0 for asbestos fiber analysis (PLM).

Micron Environmental Labs, Inc. is responsible for the accuracy in this report, but we are not liable for any wrong data given to us by the customer regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. We will retain these samples for a period of ninety days unless otherwise specified. This report pertains only to the samples submitted and analyzed.

Micron Environmental will not grant reproduction of this report unless an approval is obtained from this laboratory. Please feel free to contact the laboratory for questions regarding results or the analytical methods used at (626)454-4782.

Sincerely,
Micron Environmental Labs, Inc.

Daniel Gamez
Director
Attachments
SEO

Micron Environmental Labs, Inc.
3565 Lexington Ave.
El Monte, CA 91731
626-454-4782
FAX: 626-454-4849

Analytical Method: EPA 600/R-93/116
NIST / NVLAP Lab Code No. 200294-0
California ELAP Certificate No. 2297

Micron Ref. No.
13014219

Sample Summary Results

Customer Project: *E214-284/Saint Andrews Church-1231 E. Chapman Av., Fullerton* Microscopist: *Humberto Espinoza*

October 28, 2014

Mario Virgen
Global Environmental T & C, Inc.
1520 W. Cameron Av. #103
West Covina, CA 91790

Date Collected: *October 15, 2014*
Date Received: *October 15, 2014*
Date Analyzed: *October 21, 2014*
No. Samples: *54*

Cust ID No. / Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
01-01 517890	Exterior Stucco/Plaster grey	Yes	<1% chrysotile 99% Mineral Filler	
01-02 517891	Exterior Stucco/Plaster grey	Yes	<1% chrysotile 99% Mineral Filler	
01-03 517892	Exterior Stucco/Plaster grey	Yes	<1% chrysotile 99% Mineral Filler	
02-01 517893	Exterior Felt Paper black	No	90% Cellulose 10% Organic Binders	X
02-02 517894	Exterior Felt Paper black	No	90% Cellulose 10% Organic Binders	
02-03 517895	Exterior Felt Paper black	No	90% Cellulose 10% Organic Binders	

Sample Summary Results

Date: *October 28, 2014*

Microscopist: *Humberto Espinoza*

Micron Ref. No.: *13014219*

Cust ID No. / Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
03-01 517896	Exterior Window Putty grey	Yes	2% chrysotile 98% Mineral Filler	
04-01 517897	Drywall/Ceiling 1st Floor white	No	100% Mineral Filler	
04-02 517898	Drywall/Ceiling 1st Floor white	No	100% Mineral Filler	
04-03 517899	Drywall/Ceiling 2nd Floor white	No	100% Mineral Filler	
05-01 517900	1x1 Ceiling Tile/Room #12 tan & white	No	90% Cellulose 10% Mineral Filler	
05-02 517901	1x1 Ceiling Tile/Room #11 tan & white	No	90% Cellulose 10% Mineral Filler	
05-03 517902	1x1 Ceiling Tile/Room #9 tan & white	No	90% Cellulose 10% Mineral Filler	X
06-01 517903	Ceiling Tile-Mastic/Room #12 brown	No	100% Organic Binders	

Sample Summary Results

Date: *October 28, 2014*

Microscopist: *Humberto Espinoza*

Micron Ref. No.: *13014219*

Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
06-02 517904	Ceiling Tile-Mastic/Room #11 brown	No	100% Organic Binders	
06-03 517905	Ceiling Tile-Mastic/Room #9 brown	No	100% Organic Binders	
07-01 517906	Ceiling Tile-Mastic/1st Floor Hallway black	No	100% Organic Binders	
07-02 517907	Ceiling Tile-Mastic/1st Floor Hallway black	No	100% Organic Binders	
07-03 517908	Ceiling Tile-Mastic/1st Floor Hallway black	No	100% Organic Binders	
08-01 517909	Covebase/Room #12 grey	No	30% Mineral Filler 70% Organic Binders	
08-01 517910	Covebase-Mastic/Room #12 brown	No	100% Organic Binders	
08-02 517911	Covebase/Room #12 grey	No	30% Mineral Filler 70% Organic Binders	

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Cust ID No. / Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
08-02 517912	Covebase-Mastic/Room #12 brown	No	100% Organic Binders	
08-03 517913	Covebase/Room #12 grey	No	30% Mineral Filler 70% Organic Binders	
08-03 517914	Covebase-Mastic/Room #12 brown	No	100% Organic Binders	
09-01 517915	Covebase/Room #8 brown	No	30% Mineral Filler 70% Organic Binders	
09-01 517916	Covebase-Mastic/Room #8 brown	No	100% Organic Binders	X
09-02 517917	Covebase/Room #10 brown	No	30% Mineral Filler 70% Organic Binders	
09-02 517918	Covebase-Mastic/Room #10 brown	No	100% Organic Binders	
09-03 517919	Covebase/Room #11 brown	No	30% Mineral Filler 70% Organic Binders	

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Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
09-03 517920	Covebase-Mastic/Room #11 brown	No	100% Organic Binders	
10-01 517921	Covebase/1st Floor Boys Restroom tan	No	30% Mineral Filler 70% Organic Binders	
10-01 517922	Covebase-Mastic/1st Floor Boys Restroom tan	No	100% Organic Binders	
10-02 517923	Covebase/1st Floor Girls Restroom tan	No	30% Mineral Filler 70% Organic Binders	
10-02 517924	Covebase-Mastic/1st Floor Girls Restroom tan	No	100% Organic Binders	
10-03 517925	Covebase/2nd Floor Girls Restroom tan	No	30% Mineral Filler 70% Organic Binders	
10-03 517926	Covebase-Mastic/2nd Floor Girls Restroom tan	No	100% Organic Binders	
11-01 517927	12x12 Floor Tile/Room #12 tan	No	100% Mineral Filler	

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Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
11-02 517928	12x12 Floor Tile/Room #12 tan	No	100% Mineral Filler	
11-03 517929	12x12 Floor Tile/Room #12 tan	No	100% Mineral Filler	X
12-01 517930	9x9 Floor Tile/Room #8 brown	Yes	2% chrysotile 98% Mineral Filler	
12-01 517931	9x9 Floor Tile-Mastic/Room #8 black	Yes	5% chrysotile 95% Organic Binders	
13-01 517936	12x12 Floor Tile/Utility Room beige & black	No	80% Mineral Filler 20% Organic Binders	
13-02 517937	12x12 Floor Tile/Utility Room beige & black	No	80% Mineral Filler 20% Organic Binders	
13-03 517938	12x12 Floor Tile/Utility Room beige & black	No	80% Mineral Filler 20% Organic Binders	
14-01 517939	Buttonboard/Rm. #11 Wall beige	No	100% Mineral Filler	

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Microscopist: *Humberto Espinoza*

Cust ID No. / Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
14-02 517940	Buttonboard/Rm. #12 Wall beige	No	100% Mineral Filler	
14-03 517941	Buttonboard/2nd Floor Wall beige	No	100% Mineral Filler	
15-01 517942	Plaster/Rm. #11 Wall grey	No	100% Mineral Filler	
15-02 517943	Plaster/Rm. #12 Wall grey	No	100% Mineral Filler	
15-03 517944	Plaster/2nd Floor Wall grey	No	100% Mineral Filler	X
16-01 517945	Texture/Rm. #11 Wall white	No	100% Mineral Filler	
16-02 517946	Texture/Rm. #9 Wall white	No	100% Mineral Filler	
16-03 517947	Texture/Rm. #12 Wall white	No	100% Mineral Filler	

Microscopist: Humberto Espinoza

The limit of detection for this analytical method is less than one percent asbestos (visual area estimates). CV=0.04

INSPECTOR'S CERTIFICATIONS

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

Mario A Virgen
Name

Certification No. 00-2859

Expires on 01/05/15

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

State of California Department of Public Health

Lead-Related Construction Certificate	Certificate Type	Expiration Date
	Inspector/Assessor	09/29/2015
	Project Monitor	09/29/2015

Miguel A. Virgen ID #: **11201**

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Miguel A Virgen
Name

Certification No. 00-2760

Expires on 06/02/15

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.