ALLIANCE
Environmental Group, Inc.
THE ENVIRONMENTAL SOLUTION

May 23, 2014

Mr. Michael Whitteveen
Tecton Construction Management
102 North Third Street
Lafayette, Indiana 47901

RE: ASBESTOS INSPECTION
WEST LAFAYETTE CITY HALL
711 WEST NAVAJO STREET, WEST LAFAYETTE, INDIANA
ALLIANCE ENVIRONMENTAL GROUP PROJECT NUMBER 14-0096-A

Dear Mr. Whitteveen:

Thank you for the opportunity to furnish our professional environmental compliance program services. We appreciate being of service to Tecton Construction Management.

In accordance with federal and state regulations, Alliance conducted an asbestos inspection of the West Lafayette City Hall located at 711 West Navajo Street, West Lafayette, Tippecanoe County, Indiana on May 1, 2014. The IDEM licensed inspector was Kent Shadley, IDEM #191229045, expiration 09/30/2014.

Suspect materials sampled include: exterior aggregate panels, exterior caulk (two types), interior aggregate panels, vinyl wall covering, vinyl mastic, baseboard mastic (two types), ceiling tile (two types), floor tile (five types), floor tile mastic (two types), non-fiberglass pipe insulation and vent insulation.

The inspector adequately wet the suspect materials to be sampled and removed a sufficient amount of material from each sampling location. Each sample was then sealed in a labeled container, assigned a unique identification number, and submitted to an independent accredited laboratory for analysis under standard chain of custody protocol. The laboratory performed a polarized light microscopy analysis in accordance with the US EPA's NESHAP regulations.

The laboratory reported that the asbestos is present in the green floor tile on stairs and gray floor tile in the basement, both types of floor tile mastic, and in non-fiberglass pipe insulation. The inspector determined that pipe insulation is friable and must be removed prior to demolition. A copy of the sample data sheet, laboratory report and chain-of-custody are attached.

Sincerely,

Kent Shadley, CHMM
Vice President, Field Operations

Asbestos Homogeneous Area (HA) and Sampling Summary

(via Method EPA 600/R-93/116 and/or 600/M4-82-020)

ALLIANCE
Environmental Group, Inc.

AEG Project Number: 14-0096-A
Project: Asbestos Inspection
Location: West Lafayette City Hall
Samples Collected By: Kent Shadley **Date Collected:** 5/1/2014 - 5/1/2014

Date Collected	HA No.	HA Description	Type of ACBM [1]	Approx. Quantity (Entire HA) [2]	Friable? (Yes/No)	Damage (N,L,M,H) [3]	Sample No.	Sample Location	Asbestos Content
5/1/2014	BBM1	Baseboard Mastic - Cream	MISC	--	No	L	1	Second Floor	None Detected
5/1/2014	BBM2	Baseboard Mastic - Black	MISC	--	No	L	1	Basement	None Detected
5/1/2014	CT1	Ceiling Tile Type 1	MISC	--	Yes	L	1	Second Floor	None Detected
5/1/2014	CT1	Ceiling Tile Type 1	MISC	--	Yes	L	2	First Floor	None Detected
5/1/2014	CT1	Ceiling Tile Type 1	MISC	--	Yes	L	3	Basement	None Detected
5/1/2014	CT2	Ceiling Tile Type 2	MISC	--	Yes	L	1	Second Floor	None Detected
5/1/2014	CT2	Ceiling Tile Type 2	MISC	--	Yes	L	2	First Floor	None Detected
5/1/2014	CT2	Ceiling Tile Type 2	MISC	--	Yes	L	3	First Floor	None Detected
5/1/2014	DW	Drywall	MISC	--	Yes	L	1	Basement	None Detected

[1] SM = Surfacing Material, TSI = Thermal System Insulation, Misc = Miscellaneous Material

[2] SF = Square Feet, LF = Linear Feet, FTG = Fitting

[3] N = None; L = Low; M = Medium, H = High

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5/1/2014	DW	Drywall	MISC	--	Yes	L	2	Basement	None Detected None Detected	Drywall Joint Compound
5/1/2014	DW	Drywall	MISC	--	Yes	L	3	Basement	None Detected None Detected	Drywall Joint Compound
5/1/2014	EC1	Exterior Caulk - Gray	MISC	--	No	L	1	South Side	None Detected	
5/1/2014	EC2	Exterior Caulk - White	MISC	--	No	L	1	South Side	None Detected	
5/1/2014	EP	Exterior Aggregate Panel	MISC	--	No	L	1	South Side	None Detected	
5/1/2014	FT1	9" x 9" Floor Tile - Green	MISC	--	No	L	1	South Stair	2 % Chrysotile	
5/1/2014	FT1	Green Stair Tread	MISC	--	No	L	2	South Stair	None Detected	
5/1/2014	FT2	12" x 12" Floor Tile - Cream	MISC	--	No	L	1	Second Floor	None Detected	
5/1/2014	FT3	18" x 18" Floor Tile - Multicolor	MISC	--	No	L	1	Elevator Cab	None Detected	

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5/1/2014	FT4	12" x 12" Floor Tile - Greenish Gray	MISC	--	No	L	1	Basement	None Detected
5/1/2014	FT5	9" x 9" Floor Tile - Light Gray	MISC	--	No	L	1	Basement	2 % Chrysotile
5/1/2014	FTM1	Brown Mastic	MISC	--	No	L	1	South Stair	2 % Chrysotile
5/1/2014	FTM2	Black Mastic	MISC	--	No	L	1	Basement	2 % Chrysotile
5/1/2014	PI1	Pipe Insulation	TSI	--	Yes	L	1	Second Floor	20 % Chrysotile
5/1/2014	PI2	Vent Insulation	TSI	--	Yes	L	1	First Floor	None Detected
5/1/2014	PI3	Pipe Insulation - Elbow	TSI	--	Yes	L	1	Basement	40 % Chrysotile
5/1/2014	PI4	Roof Drain Insulation	TSI	--	Yes	L	1	Basement	10 % Chrysotile
5/1/2014	PNL	Interior Aggregate Panel	MISC	--	No	L	1	Lobby	None Detected

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5/1/2014	BBM1	Baseboard Mastic - Cream	MISC	--	No	L	1	Second Floor	None Detected
5/1/2014	BBM2	Baseboard Mastic - Black	MISC	--	No	L	1	Basement	None Detected
5/1/2014	CT1	Ceiling Tile Type 1	MISC	--	Yes	L	1	Second Floor	None Detected
5/1/2014	CT1	Ceiling Tile Type 1	MISC	--	Yes	L	2	First Floor	None Detected
5/1/2014	CT1	Ceiling Tile Type 1	MISC	--	Yes	L	3	Basement	None Detected
5/1/2014	CT2	Ceiling Tile Type 2	MISC	--	Yes	L	1	Second Floor	None Detected
5/1/2014	CT2	Ceiling Tile Type 2	MISC	--	Yes	L	2	First Floor	None Detected
5/1/2014	CT2	Ceiling Tile Type 2	MISC	--	Yes	L	3	First Floor	None Detected
5/1/2014	DW	Drywall	MISC	--	Yes	L	1	Basement	None Detected

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5/1/2014	DW	Drywall	MISC	--	Yes	L	2	Basement	None Detected	Drywall
									None Detected	Joint Compound
5/1/2014	DW	Drywall	MISC	--	Yes	L	3	Basement	None Detected	Drywall
									None Detected	Joint Compound
5/1/2014	EC1	Exterior Caulk - Gray	MISC	--	No	L	1	South Side	None Detected	
5/1/2014	EC2	Exterior Caulk - White	MISC	--	No	L	1	South Side	None Detected	
5/1/2014	EP	Exterior Aggregate Panel	MISC	--	No	L	1	South Side	None Detected	
5/1/2014	FT1	9" x 9" Floor Tile - Green	MISC	--	No	L	1	South Stair	2 % Chrysotile	
5/1/2014	FT1	Green Stair Tread	MISC	--	No	L	2	South Stair	None Detected	
5/1/2014	FT2	12" x 12" Floor Tile - Cream	MISC	--	No	L	1	Second Floor	None Detected	
5/1/2014	FT3	18" x 18" Floor Tile - Multicolor	MISC	--	No	L	1	Elevator Cab	None Detected	

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5/1/2014	FT5	9" x 9" Floor Tile - Light Gray	MISC	--	No	L	1	Basement	2 % Chrysotile
5/1/2014	FTM1	Brown Mastic	MISC	--	No	L	1	South Stair	2 % Chrysotile
5/1/2014	FTM2	Black Mastic	MISC	--	No	L	1	Basement	2 % Chrysotile
5/1/2014	PI1	Pipe Insulation	TSI	--	Yes	L	1	Second Floor	20 % Chrysotile
5/1/2014	PI2	Vent Insulation	TSI	--	Yes	L	1	First Floor	None Detected
5/1/2014	PI3	Pipe Insulation - Elbow	TSI	--	Yes	L	1	Basement	40 % Chrysotile
5/1/2014	PI4	Roof Drain Insulation	TSI	--	Yes	L	1	Basement	10 % Chrysotile
5/1/2014	PNL	Interior Aggregate Panel	MISC	--	No	L	1	Lobby	None Detected

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5/1/2014	VP	Vinyl Wall Covering	MISC	--	No	L	1	Basement	None Detected
5/1/2014	VSM	Vinyl Mastic	MISC	--	No	L	1	Basement	None Detected

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EMSL Analytical, Inc.
2001 East 52nd St., Indianapolis, IN 46205
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	161406143
CustomerID:	ALLI65
CustomerPO:	
ProjectID:	

Attn: **Kent Shadley**
Alliance Environmental Group, Inc.
5340 Commerce Circle
Suite E
Indianapolis, IN 46237

Phone:	(317) 865-3400
Fax:	(317) 865-3401
Received:	05/02/14 11:10 AM
Analysis Date:	5/5/2014
Collected:	5/1/2014

Project: **14-0096-A**

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
EP1 *161406143-0001*	s side	Gray/Tan Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (other)	**None Detected**
EC1-1 *161406143-0002*	s side	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
EC2-1 *161406143-0003*	s side	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
PNL-1 *161406143-0004*	lobby	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (other)	**None Detected**
VP-1 *161406143-0005*	bsmt	White Non-Fibrous Homogeneous	5% Synthetic	95% Non-fibrous (other)	**None Detected**
VSM-1 *161406143-0006*	bsmt	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
BBM1-1 *161406143-0007*	2nd fl	Cream Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
BBM2-1 *161406143-0008*	bsmt	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)
Ross Matlock (31)

Richard Harding, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 05/05/2014 12:45:35

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Fax: (317) 865-3401
Received: 05/02/14 11:10 AM
Analysis Date: 5/5/2014
Collected: 5/1/2014

Project: **14-0096-A**

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

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
DW-1 *161406143-0009*	2nd fl	Brown/White Fibrous Heterogeneous	25%	Cellulose	70% 5%	Gypsum Non-fibrous (other)	**None Detected**
DW-2-Drywall *161406143-0010*	bsmt	Brown/White Fibrous Heterogeneous	25%	Cellulose	70% 5%	Gypsum Non-fibrous (other)	**None Detected**
DW-2-Joint Compound *161406143-0010A*	bsmt	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
		Inseparable paint / coating layer included in analysis					
DW-3-Drywall *161406143-0011*	bsmt	Brown/White Fibrous Heterogeneous	25%	Cellulose	70% 5%	Gypsum Non-fibrous (other)	**None Detected**
DW-3-Joint Compound *161406143-0011A*	bsmt	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
		Inseparable paint / coating layer included in analysis					
CT1-1 *161406143-0012*	2nd fl	Gray/White Fibrous Homogeneous	50% 30%	Cellulose Min. Wool	15% 5%	Perlite Non-fibrous (other)	**None Detected**
CT1-2 *161406143-0013*	1st fl	Gray/White Fibrous Homogeneous	50% 30%	Cellulose Min. Wool	15% 5%	Perlite Non-fibrous (other)	**None Detected**
CT1-3 *161406143-0014*	bsmt	Gray/White Fibrous Homogeneous	50% 30%	Cellulose Min. Wool	15% 5%	Perlite Non-fibrous (other)	**None Detected**

Analyst(s)

Ross Matlock (31)

Richard Harding, Laboratory Manager
or other approved signatory

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Collected:	5/1/2014

Project: **14-0096-A**

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

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
CT2-1 *161406143-0015*	2nd fl	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool		15% Perlite 5% Non-fibrous (other)	**None Detected**
CT2-2 *161406143-0016*	1st fl	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool		15% Perlite 5% Non-fibrous (other)	**None Detected**
CT2-3 *161406143-0017*	1st fl	Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool		15% Perlite 5% Non-fibrous (other)	**None Detected**
FT1-1 *161406143-0018*	s stair	Green Non-Fibrous Homogeneous			98% Non-fibrous (other)	**2% Chrysotile**
FT1-2 *161406143-0019*	s stair	Green Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
FT2-1 *161406143-0020*	2nd fl	Cream Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
FT3-1 *161406143-0021*	elev cab	Various Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
FT4-1 *161406143-0022*	bsmt	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**

Analyst(s)
Ross Matlock (31)

Richard Harding, Laboratory Manager
or other approved signatory

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Collected:	5/1/2014

Project: **14-0096-A**

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

			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**		**% Type**
FT5-1 *161406143-0023*	bsmt	Gray Non-Fibrous Homogeneous		98% Non-fibrous (other)		**2% Chrysotile**
FTM1-1 *161406143-0024*	s stair	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)		**2% Chrysotile**
FTM2-1 *161406143-0025*	bsmt	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)		**2% Chrysotile**
PI-1 *161406143-0026*	2nd fl	White Fibrous Homogeneous	60% Min. Wool	20% Non-fibrous (other)		**20% Chrysotile**
PI-2 *161406143-0027*	1st fl	Tan Fibrous Homogeneous	99% Min. Wool	1% Non-fibrous (other)		**None Detected**
PI-3 *161406143-0028*	bsmt	White Fibrous Homogeneous	30% Cellulose 10% Synthetic	20% Non-fibrous (other)		**40% Chrysotile**
PI-4 *161406143-0029*	bsmt	Gray/White Fibrous Homogeneous	60% Min. Wool 20% Cellulose	10% Non-fibrous (other)		**10% Chrysotile**

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OrderID: 161406143

1 OF 2

CHAIN OF CUSTODY RECORD

ALLIANCE ENVIRONMENTAL GROUP, INC.
5340 Commerce Circle, Suite E
Indianapolis, IN 46237
317-865-3400 • Fax 317-865-3401

161406143

Project Name WEST LAFAYETTE CITY HALL

Project Location WEST LAFAYETTE, INDIANA

Project # 14-0096-A Date MAY 1, 2014

SAMPLE I.D. NUMBER	LOCATION OF SAMPLE	DESCRIPTION OF SAMPLE MATERIAL
EP-1	SOUTH SIDE	EXTERIOR AGGREGATE PANEL
EC1-1	SOUTH SIDE	EXTERIOR CAULK - GRAY
EC2-1	SOUTH SIDE	EXTERIOR CAULK - WHITE
PNL-1	LOBBY	INTERIOR AGGREGATE PANEL
VP-1	BASEMENT	VINYL WALL COVERING
VSM-1	BASEMENT	VINYL MASTIC
BBM1-1	SECOND FLOOR	BASEBOARD MASTIC - CREAM
BBM2-1	BASEMENT	BASEBOARD MASTIC - BLACK
DW-1	SECOND FLOOR	DRYWALL
DW-2	BASEMENT	DRYWALL
DW-3	BASEMENT	DRYWALL
CT1-1	SECOND FLOOR	CEILING TILE #1
CT1-2	FIRST FLOOR	CEILING TILE #1
CT1-3	BASEMENT	CEILING TILE #1
CT2-1	SECOND FLOOR	CEILING TILE #2
CT2-2	FIRST FLOOR	CEILING TILE #2
CT2-3	FIRST FLOOR	CEILING TILE #2

Analysis ASBESTOS PLM Turn-around Time 24 HOUR

Comments

Sample by K. SHADLEY (Print)
Signature
Date MAY 1, 2014

Received by (Print)
Signature
Date 5/2/14 11:10

Recorded by (Print)
Signature
Date

OrderID: 161406143

2 OF 2

CHAIN OF CUSTODY RECORD

6143

ALLIANCE ENVIRONMENTAL GROUP, INC.
5340 Commerce Circle, Suite E
Indianapolis, IN 46237
317-865-3400 • Fax 317-865-3401

Project Name WEST LAFAYETTE CITY HALL

Project Location WEST LAFAYETTE, INDIANA

Project # 14-0096-A Date MAY 1, 2014

SAMPLE I.D. NUMBER	LOCATION OF SAMPLE	DESCRIPTION OF SAMPLE MATERIAL
FT1-1	SOUTH STAIR	GREEN FLOOR TILE 9"
FT1-2	SOUTH STAIR	GREEN STAIR TREAD
FT2-1	SECOND FLOOR	CREAM 12" FLOOR TILE
FT3-1	ELEVATOR CAB	MULTICOLOR 18" FLOOR TILE
FT4-1	BASEMENT	GREENISH GRAY 12" FLOOR TILE
FT5-1	BASEMENT	LIGHT GRAY 9" FLOOR TILE
FTM1-1	SOUTH STAIR	BROWN MASTIC
FTM2-1	BASEMENT	BLACK MASTIC
PI-1	SECOND FLOOR	PIPE INSULATION
PI-2	FIRST FLOOR	VENT INSULATION
PI-3	BASEMENT	PIPE INSULATION - ELBOW
PI-4	BASEMENT	ROOF DRAIN INSULATION

Analysis ASBESTOS PLM Turn-around Time 24 HOUR

Comments DO NOT ANALYZE MASTIC ON FLOOR TILE.
DONOT ANALYZE FIBERGLASS IN PI-1

Sample by K. SHADLEY (Print) Signature [signature] Date MAY 1, 2014

Received by S Braun (Print) Signature [signature] Date 5/2/14 11:10

Recorded by _____ (Print) Signature _____ Date _____

EMSL Analytical, Inc.
2001 East 52nd St., Indianapolis, IN 46205
Phone/Fax: (317) 803-2997 / (317) 803-3047
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EMSL Order:	161408931
CustomerID:	ALLI65
CustomerPO:	
ProjectID:	

Attn: **Kent Shadley**
Alliance Environmental Group, Inc.
5340 Commerce Circle
Suite E
Indianapolis, IN 46237

Phone:	(317) 865-3400
Fax:	(317) 865-3401
Received:	06/19/14 3:35 PM
Analysis Date:	6/20/2014
Collected:	6/19/2014

Project: **14-0096-A**

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

			Non-Asbestos			Asbestos	
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**%**	**Type**
RM1 *161408931-0001*	ROOF - MASTIC	Black Non-Fibrous Homogeneous	5% 5%	Glass Cellulose	90% Non-fibrous (other)	<1%	**Chrysotile**
RM2 *161408931-0002*	ROOF - MASTIC	Black Fibrous Homogeneous	5% 5%	Cellulose Glass	90% Non-fibrous (other)	<1%	**Chrysotile**
EM1 *161408931-0003*	SLAB - EXP MATL	Brown/Black Fibrous Homogeneous	40%	Cellulose	60% Non-fibrous (other)		**None Detected**
EM2 *161408931-0004*	SLAB - EXP MATL	Black Fibrous Homogeneous	40%	Cellulose	60% Non-fibrous (other)		**None Detected**

Analyst(s)

Elisabeth Ames (2)
Melissa Newkirk (2)

Richard Harding, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 06/20/2014 13:57:25