



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 25, 2013

SUBJECT: FAU 9025 (South Clinton Street)
Section 09-00091-01-PV (Collinsville)
Madison County
Contract No. 97520
Item 104
August 2, 2013 Letting
Addendum (A)

NOTICE TO PROSPECTIVE BIDDERS:

Due to clarify information necessary to revise the following:

- 1. Revised Index to Special Provisions.**
- 2. Added pages 133 – 148 to the Special Provisions.**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John Baranzelli, P.E.
Acting Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E.", with the letters "P.E." written in a smaller font at the end of the signature.

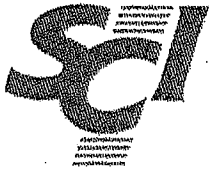
By: Ted B. Walschleger, P.E.
Engineer of Project Management

SPECIAL PROVISIONS
FAU ROUTE 9025 (SOUTH CLINTON STREET – PHASE 2)
SECTION: 09-00091-01-PV
PROJECT: M-5011 (289)
COLLINSVILLE, ILLINOIS

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Revised 7/25/13



SCI ENGINEERING, INC.

CONSULTANTS IN DEVELOPMENT,
DESIGN AND CONSTRUCTION
GEO TECHNICAL
ENVIRONMENTAL
NATURAL RESOURCES
CULTURAL RESOURCES
CONSTRUCTION SERVICES

May 8, 2013

Mr. Phil Murphy, P.E.
Oates Associates
100 Lanter Court, Suite 1
Collinsville, Illinois 62234

RE: Asbestos Survey Activities
500 South Clinton Street
Collinsville, Illinois
SCI No. 2013-3060.25

Dear Mr. Murphy:

INTRODUCTION

SCI Engineering, Inc. (SCI) is pleased to submit this report of the analytical test results for samples collected during the asbestos survey which was conducted on April 25, 2013, at the above-referenced site. The purpose of this survey was to identify asbestos-containing materials (ACMs) in accessible areas of the structure at 500 South Clinton. This survey is intended to satisfy the requirements for the asbestos National Emission Standard for Hazardous Air Pollutant for demolition and renovation. It is not intended to be used for Occupational Safety and Health Administration (OSHA) compliance. All asbestos samples were collected by an Environmental Protection Agency (EPA) licensed asbestos inspector.

The on-site structure was an approximate 1,452-square-foot, single-story, wood-frame residence with a full basement which was constructed in the 1970s.

ASBESTOS SURVEY

Forty-eight samples were collected from the on-site structure. Of these 48 samples, 40 were analyzed using a positive stop procedure. These samples were analyzed by Polarized Light Microscopy (PLM). The analytical test results and chain-of-custody documentation are enclosed. Of these 40 samples, 4 were found to contain asbestos. The results of the analysis of all samples are contained in Table 1.

Table 1 - Analytical Test Results

Sample Number	Location	Material	Quantity	Result	Category
1a	Dining Room	12" x 12" Brown Floor Tile (on wood)	200 sf	None detected in floor tile or mastic	---
1b				None detected in floor tile or mastic	
1c				None detected in floor tile or mastic	

Added 7/25/13, Pages 133-148

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Table 1 - Analytical Test Results (continued)

Sample Number	Location	Material	Quantity	Result	Category
2a	Throughout	Textured Ceiling (adhered to fiberboard)	--	None Detected	--
2b				None Detected	
2c				None Detected	
3a	Dining Hall/Transition	White Floor tile over Red Floor Tile (under carpet, on wood)	3 sf	None detected in white or red floor tile or mastic	--
3b				None detected in white or red floor tile or mastic	
3c				None detected in white or red floor tile or mastic	
4a	Throughout	Drywall System	--	None detected	--
4b				None detected	
4c				None detected	
5a	Bedroom 1	12" x 12" Orange and Gold Sheet Flooring (on wood)	170 sf	85-90% Chrysotile in backing, None detected in flooring or mastic	Friable
6a	Closets and Basement Stairs	Stone Pattern Sheeting Flooring (on wood)	50 sf	None detected in flooring, backing or mastic	--
6b				None detected in flooring, backing or mastic	
6c				None detected in flooring, backing or mastic	
7a	Bedroom 2	Red and Brown Sheeting Flooring (under trash)	144 sf	85-90% Chrysotile in backing, None detected in flooring or mastic	Friable
8a	Bedroom 2 Entry	12" x 12" Cream Floor Tile (on red and brown sheeting flooring)	12 sf	None detected in floor tile or mastic	--
8b				None detected in floor tile or mastic	
8c				None detected in floor tile or mastic	
9a	Bedroom 3 and Bedroom 4	Gold Sheeting Flooring (on wood)	300 sf	85-90% Chrysotile in backing, None detected in flooring or mastic	Friable

NCI (Non-friable Category I)

lf - linear feet

sf - square feet

Table 1 - Analytical Test Results (continued)

Sample Number	Location	Material	Quantity	Result	Category
10a	Bathroom in Bedroom 3	Residual Mastic (on wood)	30 sf	None Detected	--
10b				None Detected	
10c				None Detected	
11a	Bathroom in Bedroom 3 and Basement	1' x 1' Ceiling Tile (concealed spine)	350 sf	None Detected	--
11b				None Detected	
11c				None Detected	
12a	Hall Bathroom	12" x 12" Black Floor Tile (on wood)	25 sf	None detected in floor tile or mastic	--
12b				None detected in floor tile or mastic	
12c				None detected in floor tile or mastic	
13a	Living Room	18" x 18" Cream Floor Tile (under carpet/ on wood)	225 sf	None detected in floor tile or mastic	--
13b				None detected in floor tile or mastic	
13c				None detected in floor tile or mastic	
14a	Basement	12" x 12" Beige Floor Tile (top layer)	160 sf	None detected in floor tile or mastic	--
14b				None detected in floor tile or mastic	
14c				None detected in floor tile or mastic	
15a	Basement	9" x 9" Brown and Yellow Floor Tile (bottom layer, patterned together)	160 sf	10-15% Chrysotile in Brown and of Yellow Floor Tile; 5-10% Chrysotile in mastic	NCI
16a	Roof	Asphalt Shingles	1,650 sf	None Detected	--
16b				None Detected	
16c				None Detected	

NCI (Non-friable Category I)

lf - linear feet

sf - square feet

DEMOLITION/RENOVATION

According to the asbestos NESHAP guidelines, any friable ACM in excess of 260 linear feet or 160 square feet is classified as a regulated ACM (RACM) and must be removed prior to demolition or renovation. However, the IEPA Division of Air Pollution Control recommends that all friable ACM be removed from a structure prior to demolition.

The gold, orange and gold, and red and brown sheet floor backings are friable materials and exceed the minimum quantity requirements. These materials, therefore, must be removed from the structure prior to demolition.

The brown and yellow floor tile in the basement are Category I non-friable materials and would not normally require removal. However, it is IEPA's opinion that demolition activities including ACM on a concrete floor slab such as breaking up the floor slab and tracking over ACM tile with heavy equipment will render it friable. Because the demolition activities will render the material friable, it must be removed prior to demolition. If the concrete is not to be ground or used as fill, the ACM mastic can remain in place. In addition, concrete with attached ACM is not considered clean fill.

The Occupational Safety & Health Administration also has regulations (29 CFR Parts 1910 et al, Occupational Exposure to Asbestos, August 10, 1994) regarding removal of ACMs which must be followed. The OSHA regulations include proper training for all individuals who come in contact with ACMs while performing their job function. The training requirements vary according to the type of activity the individual will perform.

REPORTING

The EPA Notification of Demolition and Renovation form is enclosed. This form has been filled out the extent possible by SCI. The remaining information must be completed by you and then submitted to IEPA as follows:

- IEPA, Div. Of Air Pollution Control, PO Box 19276, Springfield, Illinois, 62794-9276
Attn: Mr. Alan Grimmett, Coordinator of Asbestos Demolition/Renovation
- Illinois Department of Public Health, 525 W. Jefferson St., Springfield, Illinois 62761

It should be noted that following submittal of the notification form there is a 10 day waiting period before demolition, renovation, or abatement activities can begin.

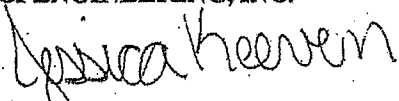
SCI's asbestos survey entailed visually assessing accessible areas only. If any other suspect asbestos materials are discovered during demolition or renovation, please contact SCI, and we will make arrangements for assessment of these materials. Areas behind walls, under subfloors, and above fixed ceilings are considered non-accessible.

If this report is to be used for bidding purposes for asbestos abatement, SCI recommends the contractor visit the site to verify all conditions and quantities.

SCI appreciates the opportunity to be of service to you on this project. Please contact us if you have any questions or comments regarding the information provided.

Respectfully,

SCI ENGINEERING, INC.

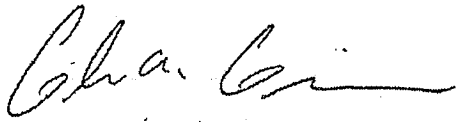


Jessica B. Keeven
Illinois State Certified Asbestos Inspector
Illinois License Number 100-10835

Mr. Phil Murphy, P.E.
Oates Associates

5

May 8, 2013
SCI No. 2013-3060.25



Glen A. Grissom
Project Scientist

JBK/GAG/rah/hmm

Enclosures

R:\entapps\PROJECT FILES\2013 Projects\2013-3060 500 South Clinton Street\ES\25\13-3060.25 Asbestos Report-500 S. Clinton.docx

STATE OF ILLINOIS DEMOLITION/RENOVATION/ASBESTOS PROJECT NOTIFICATION FORM

Projects greater than 3 sq./ft and/or 3 linear ft. and all school projects shall be submitted to Illinois Department Public Health.

Projects greater than 160 sq./ft or 260 linear ft., or 1 cubic meter and demolition projects shall be submitted to Illinois Environmental Protection Agency.
All projects in Cook County must notify Cook County Environmental Control.

This form and appropriate fee shall be submitted for all original notifications to IDPH (no fee), IEPA (\$150), and Cook County (\$200).
This form shall also be used for revisions to the IEPA and IDPH. A Cook County Revision Form must be used to cancel an asbestos permit.
Copies of this form may be found at: www.ienconnect.com/enviro

TYPE OF NOTIFICATION: <input type="checkbox"/> original <input checked="" type="checkbox"/> demolition <input type="checkbox"/> renovation <input type="checkbox"/> cancellation <input type="checkbox"/> revision <input type="checkbox"/> courtesy <input type="checkbox"/> annual						
Check Type of Project Below: <i>(Check all that apply.)</i>						
<input type="checkbox"/> Friable School Project <input type="checkbox"/> Non-Friable School Floor Tile Project <input type="checkbox"/> Commercial Public Building (Friable & Non-Friable)						
Revised by: <input type="checkbox"/> Contractor <input type="checkbox"/> Owner <input type="checkbox"/> Project Designer #of times revised: _____ List Section #'s being revised: _____						
1. FACILITY INFORMATION:						
Facility name:			School Bldg ID:			
Location of Asbestos Containing Material (ACM) in Structure:						
Bldg Size: 1,452	Sq.Ft.:	#Firs:	Age:	Present Use:		
Prior Use:			Future Use (demo)			
Address: 500 S. Clinton Street						
City: Collinsville		County:		Zip:		
Contact:			Phone:			
2. FACILITY OWNER OR SCHOOL DISTRICT: <i>(Tip: Complete for all projects Commercial/Public or Schools)</i>						
Facility Owner Name:			Address:			
City:		State:		Zip:		
Contact:			Phone:			
Copies of abatement permission and written verification certification to all building occupants and users from the building owner or school board shall be submitted for IDPH public and private school facilities as required by Section B55.350 of the IDPH Asbestos Code.						
3. ASBESTOS CONTRACTOR NAME:					ID#:	
Address:						
City:		State:		Zip:		
Contact:			Phone:			
4. DEMOLITION CONTRACTOR NAME:						
Address:						
City:		State:		Zip:		
Contact:			Phone:			
5. ABATEMENT INFORMATION:			Is Asbestos Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Description of Planned Demolition or Renovation Work and Methods to be Employed Including Demolition or Renovation Techniques:						
Description of Work Practice(s) and Engineering Controls used to Prevent Emissions at the Demolition or Renovation Site:						
6. Quantities:						
	Regulated Asbestos Containing Material to be removed (RACM)	Non-friable asbestos not to be removed (demolition) CAT I CAT II		Non-friable asbestos to be removed CAT I CAT II		TOTAL ASBESTOS TO BE REMOVED
Pipes (Ln. Ft.):						
Surface Area (Sq. Ft.):	614			160		774
Volume (Cu. Ft.):						
<i>Tip: CAT I non-friable ACM are asbestos-containing resilient floor coverings (vinyl asbestos tile (VAT), asphalt roofing products, packing and gaskets). All other non-friable ACM are considered CAT II non-friable ACM. (FIACM) is (a) friable asbestos material; (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.</i>						
7. ABATEMENT START DATE:		Finish Date:		Work hours:		AM/PM AM/PM
Scheduled Demolition Start Date:		Finish Date:		Work hours:		AM/PM AM/PM
Working Weekends?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Working Evenings?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>Tip: Ten day notification requires at minimum, ten (10) business days (Monday-Friday including holidays) prior to the commencement date. Ten days begin with the US postmark date or date received in office by commercial services or hand delivery. IEPA and Cook County cannot accept faxed copies, however, IDPH will accept faxed submissions. Phased projects will not be accepted.</i>						

8. PROJECT DESIGNER ID#: 100-		Name:	
Complete Project Designer Name and License ID# if this project was designed by a Designer.			
9. INSPECTOR ID#: 100-10835		Name: Jessica Keeven	
<i>Tip: If procedure utilized is visual inspection, the inspector ID# must be provided.</i>			
10. PROCEDURE, INCLUDING ANALYTICAL METHOD, USED TO DETECT THE PRESENCE OF ASBESTOS Inspection with analysis by Polarized Light Microscopy (PLM)			
Name of Analytical Testing Laboratory:			
11. ASBESTOS PROJECT MANAGER ID#: 100-		Name:	
12. AIR SAMPLING PROFESSIONAL ID#: 100-		Name:	
13. DISPOSAL SITE/LANDFILL NAME:			
Address:		Contact:	
City:	State:	Zip:	Phone:
14. WASTE TRANSPORTER/NAME:			
Address:		Contact:	
City:	State:	Zip:	Phone:
15. IS DEMOLITION ORDERED BY A GOVERNMENT AGENCY? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If yes, a signed copy of Order must be attached.)</i>			
Government representative ordering the activity:			
Title:	Date of Order:	Order Demolition Date:	
16. FOR EMERGENCY RENOVATION:			
Date and hour of emergency (mm/dd/yy):		AM/PM	
Describe sudden unplanned event. (example: boiler explosion) Explain how the event caused unsafe conditions or would cause equipment failure or an unreasonable financial burden.			
17. Description of procedures to be followed in the event that unexpected asbestos is found or previously non-friable asbestos material becomes crumbled, pulverized or reduced to powder.			
Stop work and contact a licensed inspector to evaluate.			
I certify that at least one representative trained in the provisions of 40 CFR Part 61, Subpart M, shall be on site during demolition or renovation, having in his or her possession for inspection, evidence that the requisite training has been accomplished.			
CERTIFICATE # _____ NAME OF TRAINING COURSE _____			
I certify the above information is correct.			
Signature of Demolition/Abatement Contractor or the Owner			Date
<i>Tip: All notification forms must be hand signed and dated. Hand stamps are not acceptable. IEPA and Cook County require original signatures on their notification forms. IDPH will accept photocopies. All notifications submitted to IEPA & Cook County must be accompanied by the appropriate fee. There is no fee for notification to IDPH.</i>			
ILLINOIS EPA AGENCY USE ONLY			
Date Received:	Input to ACTS:	Post Mark Date:	To Cook/City:
Champaign	LaSalle	Springfield	Rockford Moline Marion
For Cook County Departmental Use Only.			
Date Received CCDEC:	Post Mark Date:	Input into Computer:	
Inspection Fee Received:	Inspection Priority: Top <input type="checkbox"/> High <input type="checkbox"/> Low <input type="checkbox"/>	Must be Inspected:	
Date(s) of inspections:			
Inspection Report Attached:	Yes <input type="checkbox"/> No <input type="checkbox"/>	Violation Copies Attached:	Yes <input type="checkbox"/> No <input type="checkbox"/>



Submit this form to the appropriate agencies:

IL Environmental Protection Agency, P.O. Box 18276 Mail Code #41, Springfield, IL 62794-9276 \$150 fee
 IL Department of Public Health, 526 W. Jefferson St., Springfield, IL 62761 (FAX: 217-285-5897)
 Cook Co, Dept. of Env. Control, 69 W. Washington, Suite 1908, Chicago, IL 60602-3004 \$200 fee





**PRECISION
ANALYSIS, INC.**
BULK SAMPLE ANALYSIS

Client: SCI Engineering, Inc. - St. Charles
Project No.: 13-3060.25
Location: 500 South Clinton, Collinsville, IL

Date Received: 04-29-13
Date Reported: 05-02-13

Technique: Polarized Light Microscopy with Dispersion Staining
In accordance with EPA/215/93/734 Test Method

Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227507	1a	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227508	1b	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227509	1c	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227510	2a	None Detected	Cellulose	Paint, Binders, Mica
227511	2b	None Detected	Cellulose	Paint, Binders, Mica
227512	2c	None Detected	Cellulose	Paint, Binders, Mica
227513	3a White FT	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders

* The upper detection limit is 100 percent.
The lower detection limit is less than 1 percent.

22 ORVIETO COURT

FLORISSANT, MISSOURI 63031

TEL/FAX (314) 838-5052



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ANALYSIS, INC.**
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Date Reported: 05-02-13

Technique: Polarized Light Microscopy with Dispersion Staining
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Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227514	3b White FT	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227515	3c White FT	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227516	3a Red FT	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227517	3b Red FT	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227518	3c Red FT	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227519	4a	None Detected	Cellulose	Paint, Binders
227520	4b	None Detected	Cellulose	Paint, Binders
227521	4c	None Detected	Cellulose	Paint, Binders

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Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227522	5a	None Detected		Vinyl, Binders
	Backing	85-90% Chrysotile	Antigorite	Binders
		None detected in mastic		Binders
227523	6a	None Detected		Vinyl, Binders
	Backing	None Detected	Cellulose	Black tar binders
		None detected in mastic		Binders
227524	6b	None Detected		Vinyl, Binders
	Backing	None Detected	Cellulose	Black tar binders
		None detected in mastic		Binders
227525	6c	None Detected		Vinyl, Binders
	Backing	None Detected	Cellulose	Black tar binders
		None detected in mastic		Binders
227526	7a	None Detected		Vinyl, Binders
	Backing	85-90% Chrysotile	Antigorite	Binders
		None detected in mastic		Binders

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22 ORVIETO COURT

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Date Reported: 05-02-13

Technique: Polarized Light Microscopy with Dispersion Staining
In accordance with EPA/215/93/734 Test Method

Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227527	8a	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227528	8b	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227529	8c	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227530	9a	None Detected		Vinyl, Binders
	Backing	85-90% Chrysotile	Antigorite	Binders
		None detected in mastic		Binders
227531	10a	None Detected		Black tar binders
227532	10b	None Detected		Black tar binders
227533	10c	None Detected		Black tar binders
227534	11a	None Detected	Cellulose, Glass Wool	Polyfoam, Paint, Binders

* The upper detection limit is 100 percent.
The lower detection limit is less than 1 percent.

22 ORVIETO COURT

FLORISSANT, MISSOURI 63031

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Technique: Polarized Light Microscopy with Dispersion Staining
In accordance with EPA/215/93/734 Test Method

Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227535	11b	None Detected	Cellulose, Glass Wool	Polyfoam, Paint, Binders
227536	11c	None Detected	Cellulose, Glass Wool	Polyfoam, Paint, Binders
227537	12a	None Detected	Synthetic Fibers	Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227538	12b	None Detected	Synthetic Fibers	Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227539	12c	None Detected	Synthetic Fibers	Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227540	13a	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227541	13b	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders

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Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227542	13c	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227543	14a	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227544	14b	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227545	14c	None Detected		Aggregate, Vinyl, Binders
		None detected in mastic		Binders
227546	15a Brown FT	10-15% Chrysotile	Antigorite	Aggregate, Vinyl, Binders
		None detected in mastic		Black tar binders
227547	15a Yellow FT	10-15% Chrysotile	Antigorite	Aggregate, Vinyl, Binders
		5-10% Chrysotile in mastic		Black tar binders

* The upper detection limit is 100 percent.
The lower detection limit is less than 1 percent.

22 ORVIETO COURT

FLORISSANT, MISSOURI 63031

TEL./FAX (314) 838-5052



**PRECISION
ANALYSIS, INC.**
BULK SAMPLE ANALYSIS

Client: SCI Engineering, Inc. - St. Charles
Project No.: 13-3060.25
Location: 500 South Clinton, Collinsville, IL

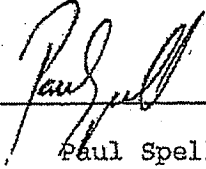
Date Received: 04-29-13

Date Reported: 05-02-13

Technique: Polarized Light Microscopy with Dispersion Staining
In accordance with EPA/215/93/734 Test Method

Lab No.	Sample No.	Asbestos Detected & Percentage *	Fibrous Material	Non-Fibrous Material
227548	16a	None Detected	Glass Wool	Aggregate, Black tar binders
227549	16b	None Detected	Glass Wool	Aggregate, Black tar binders
227550	16c	None Detected	Glass Wool	Aggregate, Black tar binders

* The upper detection limit is 100 percent.
The lower detection limit is less than 1 percent.


Paul Spell
Laboratory Director

AIHA Bulk Asbestos Proficiency Analytical Testing Program ID # 101228
In Association with RTI Center for Measurements and Quality Assurance

Precision Analysis assumes no responsibility for financial or health consequences for action or lack of action taken by our clients or their agents as a result of these analytical reports. Since Precision Analysis was not involved in the collection of these samples, we cannot attest to the proper collection of said samples and therefore are neither responsible nor liable for the accuracy, validity or completeness of the sample collection.

PLM is not recommended for analysis of vinyl floor tile. Vinyl floor tile often contains milled asbestos with fiber lengths of 1 micrometer or less. Because these fibers are not detected by PLM, PLM analysis may yield a false negative result. We recommend qualitative analysis of vinyl floor tile by Transmission Electron Microscopy (TEM).

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BULK ASBESTOS CHAIN OF CUSTODY

130 Point West Boulevard
St. Charles, Missouri 63301
636-949-8200 Fax 636-949-8269
www.sciengineering.com

Company: SCI Engineering, Inc. Please Provide Results Via: Fax Email Mail

Street: 130 Point West Boulevard To: Jessica Keaven Telephone #: 314-267-7129 Fax #: 636-949-8269

City/State/Zip: St. Charles, Missouri 63301 Email: jkeaven@sciengineering.com

Project Name: 500 South Clinton, Collinsville, IL

Project Number: 13-3060.25

Turnaround Time (TAT) Options - Please Check One
 3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour Other

PLM Bulk Analysis
 PLM-EPA 600
 PLM-EPA 600 MOB
 PLM-Point Count

Check Box for Stop Positive

Comments: Garage Inaccessible

Sampler's Name: Jessica Keaven Date Sampled: 4/25/2013

Building Use/Description/Features: Wood Frame Single story with Basement Residence Age: 93 years Size: 1452 SF

Windows: Vinyl Siding: Masonrite Roof: Asphalt Shingles Attic: Fiberglass Insulation HVAC: Forced Air

Sample #	Material Location	Material Description	Approx. Quantity	Condition	Comments
1 ABC	Dining Room	12x12 Brown Peel & Stick	200 SF	Fair	on wood
2 ABC	Throughout	Textured Ceiling		Fair	adhered to fiberboard
3 ABC	Dining/Hall Transition	White FT over Red FT	3 SF	Poor	under carpet/on wood
4 ABC	Closets	Drywall System		Good	
5 ABC	Bedroom 1	12x12 Orange&Gold Sht Flooring	170 SF	Fair	on wood
6 ABC	Closets & Basement Stairs	Stone Pattern Sheet Flooring	50 SF	Fair	on wood
7 ABC	Bedroom 2	Red&Brown Sheet Flooring	144 SF	Fair	under trash
8 ABC	Bedroom 2 Entry	12x12 Cream Floor Tile	12 SF	Fair	on Red&Brown Sheet Flooring
9 ABC	Bedroom 3/Bedroom 4	Gold Sheet Flooring	300 SF	Fair	on wood

Relinquished: Doug Eil Date: 4/29/2018 Time: 0900

Received: *[Signature]* Date: APR 29 2013 Time: *[Signature]*

