

Bid Project No. 0304-12

MONROE COUNTY, NEW YORK

ADDENDUM NO. 1

**TO THE CONSTRUCTION SPECIFICATIONS AND RELATED
DOCUMENTS**

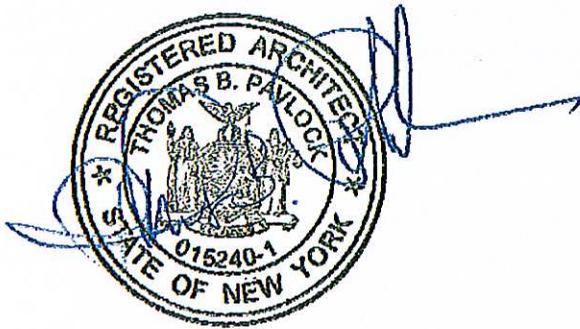
for

**MONROE COMMUNITY COLLEGE
2012 CONCRETE & BRICK REPAIR
MARCH 2012**

Bids Due: APRIL 5th, 2012 at 11:00 A.M.

BIDDERS:

This Addendum forms a part of the Contract Documents and modifies the original documents dated FEBRUARY 2012. Acknowledge receipt of this Addendum in the space provided on the Proposal for; failure to do so may subject the Bidder to disqualification.



Prepared by:
DeWolff Partnership Architects LLP
400 Andrews Street, Suite 410
Rochester, New York 14604

Prepared for:
Monroe County Division of Engineering
50 West Main Street, Suite 700
Rochester, New York 14614-1228

ADDENDUM NO. 1: TABLE OF CONTENTS:

COVER PAGE	Page A1-1
TO THE SPECIFICATIONS:	Page A1-2
TO THE DRAWINGS:	Page A1-3
ADDENDUM No. 1: DWG REFERENCE LIST	Page A1-3

DRAWINGS: (The Following 11 x 17 Sheets)

TO THE SPECIFICATIONS:

- 1-1 To PROPOSAL:
DELETE: Milestone No. 1. Date of MAY 6, 2012.
ADD: Milestone No. 1. Date of MAY 3rd, 2012.
- 1-2 To PROPOSAL:
DELETE: Milestone No. 2. Date of MAY 6, 2012.
ADD: Milestone No. 2. Date of MAY 3rd, 2012.

To **SECTION 132800 – ASBESTOS REMOVAL AND DISPOSAL**

- 1-3 A. Paragraph 1.3 A: **CHANGE** to read:

Furnish all labor, materials, supervision, construction tools and equipment necessary to remove and dispose of all asbestos-containing materials (ACMs) as shown or noted on the Contract Drawings **and as described in the attached Limited Pre-Renovation Regulated Building Materials Inspection Report, dated March 2012.** This work includes, but is not limited to, the removal and/or disturbance of all caulk necessary to complete the concrete and brick repair work on Building 10 **and Building 4.**

- 1-4 B. Paragraph 1.4 A: **CHANGE** to read:

Locations and quantities of all materials to be removed by the abatement contractor must be field verified. Information given on the drawings and in the specifications is for general orientation and information only. Various asbestos-containing caulks are located in several different applications on Building 10 and **Building 4.** All caulks are to be thoroughly removed using hand scraping methods

TO THE DRAWINGS:

DRAWING A-100: ASBESTOS REMOVAL NOTES **CHANGE** Note 1. to read:

1-5 **CHANGE** Note 1. to read:

The Contractor is hereby notified of the presence of asbestos-containing exterior caulking compounds (tan and brown in color) in various applications throughout the façade of Building 10 and Building 4. All disturbance of any exterior caulking compound on Building 10 and Building 4 shall be considered to be an asbestos project and shall be completed by a licensed Asbestos Removal Contractor.

DRAWING A-204: BUILDING ELEVATIONS

1-6 REF: 2/A-204: West Elevation

ADD: Added elevation notes "REPAIR SPALLED AND LOOSE CONCRETE SEE NOTE #1", "REPAIR MASONRY STRESS CRACK SEE NOTE #10", "REPAIR EXPOSED REBAR SEE NOTE #2", and "REPAIR MASONRY SEE NOTE #7&8".
AS FOUND ON ADDENDUM 1, DRAWING AD1-1.

1-7 REF: 3/A-204: North Elevation

ADD: Added elevation notes "REPAIR MASONRY SEE NOTE #7&8".
AS FOUND ON ADDENDUM 1, DRAWING AD1-2.

1-8 REF: Summary For Concrete & Brick Repair BLDG 10

REVISION: #2 REPAIR CONCRETE AROUNDS EXPOSED REBAR revised to **40 SQ.FT.**
REVISION: #7 MASONRY REMOVAL AND REPLACEMENT OF BRICKS revised to **20 SQ.FT.**
REVISION: #10 MASONRY STRESS CRACK REPAIR revised to **105 L.F.**
AS FOUND ON ADDENDUM 1, DRAWING AD1-2.

DRAWING A-504.2: TYPICAL CONCRETE & BRICK DETAILS

1-9 Revised title for detail 1/A-504.2 to read

"TYPICAL BRICK REPLACEMENT AT GRADE DETAIL"

ADDENDUM No. 1: DWG REFERENCE LIST:

Limited Pre-Renovation Regulated Building Materials Inspection Report

Dwg A-204: ADDENDUM DWG NO. AD1-1.

Dwg A-204: ADDENDUM DWG NO. AD1-2.

END OF ADDENDUM NO. 1

F:\Projects\2003\0300801\ADDENDA\2012 Construction\Addendum No 1\2012 Addendum No 1.doc



Monroe County Department of
Community Development Services
City Plaza
Suite 7100
50 West Main Street
Rochester, New York 14611-1228
BID PROJECT NO. 1A03-10

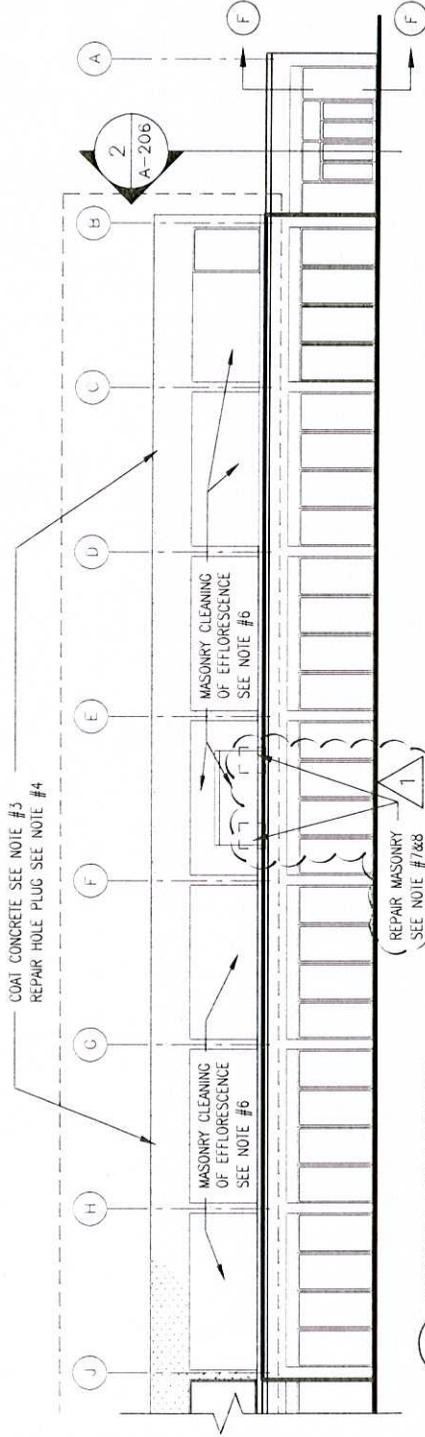
MONROE
COMMUNITY
COLLEGE
1000 East Henrietta Road
Rochester, New York 14623

2012
CONCRETE & BRICK REPAIR

MARK	DATE	DESCRIPTION
PROJECT NUMBER:		03-00801
DESIGNED BY:		WAM
DRAWN BY:		BUNO
CHECKED BY:		
APPROVED BY:		
SHEET TITLE		REVISE ELEVATION 3/A-204 & SUMMARY FOR CONCRETE & BRICK REPAIR

REF. DWGS.: Elevation 3/A-204

AD1-2



3 NORTH ELEVATION
SCALE: 1/16" = 1'-0"

SUMMARY FOR CONCRETE & BRICK REPAIR: BLDG 10
(REFER TO CONCRETE/BRICK GENERAL NOTES ON DRAWING A-100)

#	WORK	QUANTITY
1.	REPAIR SPALLED AND LOOSE CONCRETE	30 SQ.FT.
2.	REPAIR CONCRETE AROUND EXPOSED REBAR	40 SQ.FT. (1)
3.	COATING OF CONCRETE SURFACE	5,900 SQ.FT.
4.	REPAIR WALL HOLE PLUG	5
5.	RAKE AND INSTALL SEALANT JOINT	327 L.F.
6.	MASONRY CLEANING OF EFFLORESCENCE AND STAINS	2,184 SQ.FT.
7.	MASONRY REMOVAL AND REPLACEMENT OF BRICKS	20 SQ.FT. (1)
8.	MASONRY RAKE AND REPLACEMENT OF MORTAR JOINTS	853 L.F.
9.	MASONRY BRICK SHELF ANGLE REMOVAL & REPLACEMENT	92 L.F.
10.	MASONRY STRESS CRACK REPAIR	(105 L.F. (1)

Limited Pre-Renovation Regulated Building Materials Inspection

Project Location:
Selected Areas at
Monroe Community College
Rochester, New York

Prepared for:
Monroe County Department of
Environmental Services

LaBella Project No. 212133.01

March 2012

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Appendix A – Asbestos Survey Fact Sheet

Appendix B – Asbestos Licenses and Certifications

Appendix C – Laboratory Analytical Reports

I. Project Description

In accordance with current regulations, LaBella Associates, P.C. conducted a Limited Pre-Renovation Regulated Building Material (RBM) Inspection of areas scheduled to be impacted by the upcoming 2012 Concrete and Brick Repair Project at Monroe Community College in Rochester, New York. The objective was to identify the presence of asbestos and/or PCBs in exterior caulking compounds that must be removed before the concrete and brick repairs due to applicable regulations.

The materials and the locations understood to be impacted by this project were determined from information provided by DeWolff Partnership Architects, LLP. Specific areas of Buildings 4, 5, 8 and 10 were included in this inspection.

II. Inspection Procedures

The following procedures were used to obtain the data for this Report:

- A. A visual inspection of the affected areas of the buildings at the site was conducted to identify various Regulated Building Materials (particularly exterior caulking compounds) that may be impacted by the upcoming concrete and brick repair project.
- B. Bulk samples of these materials were collected and submitted for laboratory analysis. Preliminary Polarized Light Microscopy analyses of non-friable, organically bound (NOB) materials were performed by LaBella Laboratories, a NYSDOH approved laboratory, to determine the presence and percentage of asbestos in each sample. Transmission electron microscopy analyses of NOB materials, if necessary, were performed by AMA Laboratories.
- C. PCB analysis of the samples collected was performed by Schneider Laboratories, Inc.
- D. Results of the laboratory analyses were compiled and summarized.

Inspection Limitations: This survey was conducted in a manner consistent with generally recognized professional practices for a pre-renovation building survey. Only areas that will be impacted by the planned concrete and brick repairs were inspected and outlined in this report. No investigation was conducted by LaBella Associates to determine the presence of any other RBMs at the Site.

Collection of bulk samples of suspect ACMs was limited to those materials readily accessible using hand tools or hand-held power tools. No record drawings of the building were reviewed as part of this investigation.

III. Inspection Results

Building 4

Asbestos-containing caulking is located in the following areas scheduled to be repaired in the northeast corner of Building 4:

- In the vertical joints of the concrete parapet fascia
- In the joints of the metal coping at the base of the concrete parapet fascia

No PCBs were detected in the above referenced caulking.

- 1 -

Limited Pre-Renovation
Regulated Building Materials Inspection
Selected Areas at Monroe Community College
LaBella Project 212133 01

LABELLA

Building 5

No caulking was observed in the areas of the brick shelf angles scheduled to be repaired on Building 5.

Building 8

No caulking was observed in the areas of the concrete fascia panels scheduled to be repaired on Building 8.

Building 10

Asbestos-containing caulking is located in all the exterior joints on Building 10. None of the caulks tested on Building 10 are classified as PCB-containing (50 ppm PCBs or greater).

Y:\MCDES\212133.01 MCC Windows 2012\Reports\Limited Inspection Report.docx

Appendix A

Asbestos Survey Fact Sheet

Asbestos Survey Fact Sheet

Name and Address of Building Owner/Structures

Monroe Community College, Bldgs. 4, 5, 8&10

East Henrietta Road, Rochester, New York

Name and Address of Owner's Agent

LaBella Associates, P.C.

300 State Street, Suite 201

Rochester, NY 14614

Name of the Firm & Person Conducting the Inspection

LaBella Associates, P.C.

Thomas J. Kihn

Date(s) the Inspection Was Conducted

January 6, 2012 & March 8, 2012

Materials Tested and Results

For a complete list of materials tested and the results, see the attached laboratory analysis reports.

Appendix B

Licenses and Certifications

NEW YORK STATE DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

La Bella Associates PC
Suite 200
300 State Street
Rochester, NY 14614

FILE NUMBER: 99-1172
LICENSE NUMBER: 29278
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 02/28/2011
EXPIRATION DATE: 02/28/2012

Duly Authorized Representative - Sergio Esteban

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

NEW YORK STATE - DEPARTMENT OF LABOR

DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

La Bella Associates PC
Suite 200
300 State Street

Rochester, NY 14614

FILE NUMBER: 99-1172
LICENSE NUMBER: 29278
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 01/19/2012
EXPIRATION DATE: 02/28/2013

Duly Authorized Representative -- Sergio Esteban:

- This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.
- This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

Asbestos Certificates

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



CERT# 88-02892
DMV# 916291454

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BLU
HAIR BLN
HGT 5' 08"

IF FOUND RETURN TO:
NYSOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2012
Issued April 01, 2011

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE
LABELLA ASSOCIATES
300 STATE STREET SUITE 200
ROCHESTER, NY 14614

NY Lab Id No: 11184
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM Item 198.8 of Manual (NOB by PLM)

Serial No.: 44184

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2012
Issued April 01, 2011



CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RICHARD K. ROTE
LABELLA ASSOCIATES
300 STATE STREET SUITE 200
ROCHESTER, NY 14614

NY Lab Id No: 11184
EPA Lab Code:

*Is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Miscellaneous Air

Fibers

NIOSH 7400 A RULES

Serial No.: 44185

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2012
Issued April 01, 2011

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. G EDWARD CARNEY
AMA ANALYTICAL SERVICES INC
4475 FORBES BLVD
LANHAM, MD 20706

NY Lab Id No: 10920
EPA Lab Code: MD00084

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	ITEM 198.4 OF MANUAL

Sample Preparation Methods

ASTM E-1979-04
EPA 600/R-93/200

Serial No.: 44076

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (516) 485-5570 to verify the laboratory's accreditation status.

Appendix C
Laboratory Analytical
Reports

SCHNEIDER LABORATORIES GLOBAL

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (Fax) 804-359-1475

Over 25 Years of Excellence in Service and Technology

AIHA/ELLAP 100527, ISO/IEC 17025, NVLAP 101150-0, NYELAP/NELAC 11413

LABORATORY ANALYSIS REPORT

Account: 1126-12-487
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: MCC-Bldg 4
P.O.#:

Date/Time Collected: 3/8/2012
Date/Time Received: 3/9/2012 9:40 AM
Date Reported: 3/15/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: SLI Sample No.: 31382878
Client Sample No.: B4-1

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1221	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1232	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1242	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1248	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1254	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1260	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1268	BQL	6184	µg/kg	14	3/14/2012	APS
Aroclor - 1262	BQL	6184	µg/kg	14	3/14/2012	APS

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	56%

Mandapi Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

SCHNEIDER LABORATORIES GLOBAL

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (Fax) 804-359-1475

Over 25 Years of Excellence in Service and Technology

AIHA/ELLAP 100527, ISO/IEC 17025, NVLAP 101150-0, NYELAP/NELAC 11413

LABORATORY ANALYSIS REPORT

Account: 1126-12-487
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: MCC-Bldg 4
P.O.#:
Sample Description:
Date/Time Collected: 3/8/2012
Date/Time Received: 3/9/2012 9:40 AM
Date Reported: 3/15/2012
Receipt Temp., °C:
Sample Matrix: SOLID
SLI Sample No.: 31382879
Client Sample No.: B4-2

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1221	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1232	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1242	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1248	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1254	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1260	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1268	BQL	466	µg/kg	1	3/14/2012	APS
Aroclor - 1262	BQL	466	µg/kg	1	3/14/2012	APS

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	48%

M. Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-487 Client: LABELLA ASSOCIATES Address: 300 STATE STREET ROCHESTER, NY 14614-1098 Project Name: PCB Caulk Testing Project No.: 212133.01 Job Location: MCC-Bldg 4 P.O.#: Sample Description:	Date/Time Collected: 3/8/2012 Date/Time Received: 3/9/2012 9:40 AM Date Reported: 3/15/2012 Receipt Temp., °C: Sample Matrix: SOLID SLI Sample No.: 31382880 Client Sample No.: B4-3
--	---

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1221	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1232	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1242	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1248	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1254	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1260	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1268	BQL	334	µg/kg	1	3/14/2012	APS
Aroclor - 1262	BQL	334	µg/kg	1	3/14/2012	APS
<u>Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17</u>						
Surrogate	Recovery					
DCB	MI					
TCMX	MI					

M. Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C.
ANALYTICAL LABORATORY
300 STATE STREET
ROCHESTER, NY 14614
(585) 454-6110 FAX(585) 454-3066

LBL JOB # 912

ELAP # 11184
TEM ELAP # 10920

LABELLA PROJECT # 212133.01

CLIENT: Labella Associates, PC
ADDRESS: 300 State Street
Rochester, NY 14614

SAMPLE TYPE: PLM Bulk
SAMPLE DATE: 01/06/2012

PROJECT LOCATION: MCC - Building 10

FIELD ID	LBL ID	method	ASBESTOS TYPE	%	OTHER FIBERS	%	MATRIX	%	COLOR / DESCRIPTION
B10-1A	912-1	T	ND		ND		MIN/BINDER	100	TAN CAULK
B10-1B	912-2	T	ND		ND		MIN/BINDER	100	TAN CAULK
B10-2A	912-3	N	CHRYSOTILE	16	ND		MIN/BINDER	84	TAN CAULK
B10-3A	912-4	N	CHRYSOTILE	20	ND		MIN/BINDER	80	SILVER CAULK
B10-4A	912-5	N	CHRYSOTILE	20	ND		MIN/BINDER	80	BLACK CAULK
B10-5A	912-6	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	TAN CAULK
B10-6A	912-7	T	ND		ND		MIN/BINDER	100	BLACK CAULK
B10-6B	912-8	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	BLACK CAULK
B10-7A	912-9	N	CHRYSOTILE	15	ND		MIN/BINDER	85	BLACK ROOF CEMENT
B10-8A	912-10	N	CHRYSOTILE	12	ND		MIN/BINDER	88	TAN CAULK
B10-9A	912-11	T	ND		ND		MIN/BINDER	100	GRAY CAULK
B10-9B	912-12	T	ND		ND		MIN/BINDER	100	GRAY CAULK
B10-10A	912-13	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	BLACK CAULK
B10-10B	912-14	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	BLACK CAULK
B10-11A	912-15	T	ND		ND		MIN/BINDER	100	GRAY CAULK
B10-11B	912-16	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	GRAY CAULK
B10-12A	912-17	T	ND		ND		MIN/BINDER	100	TAN CAULK
B10-12B	912-18	T	CHRYSOTILE	<1	ND		MIN/BINDER	100	TAN CAULK
B10-13A	912-19	N	CHRYSOTILE	13	ND		MIN/BINDER	87	BROWN CAULK

PLM Methods 198.1, 198.4, 198.6 & EPA 600/M4/82/020

Lab Supervisor: Matt Smith

Date: 1/12/12

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster
P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result IN - Inconclusive*
G-Gravimetric Matrix Reduction; Sample residue weight <1% of original sample weight, TEM not required.

*"Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing."



Schneider Laboratories, Inc.
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 www.slabinc.com e-mail: lab@slabinc.com

Submitting Co. _____

Special Instructions (include request for special reporting or data packages)

E-MAIL RESULTS TO TRINOLAB@AOL.COM

Project Name: PCB CALLER TESTS
 Project Location: MOORE GYM COLLEGE
 Project Number: 212133.01
 Purchase Order No. _____

Turn Around Time

1-6 hours*
 24 hours*
 48 hours*
 72 hours*
 STANDARD (5 days)
 Standard Full TCLP (10d)
 Weekend*

Matrix / Sample Type (Select ONE)

All samples on form should be of SLUDGE matrix type. Use additional forms as needed.

Air Solid
 Aqueous Waste
 Bulk Wastewater
 Hi-Vol Filter (PM10) Water, Drinking
 Hi-Vol Filter (TSP) Compliance
 Oil Wipe
 Paint Wipe, Composite
 Sludge Soil

Asbestos Air / Fiber Counts

PCM (NIOSH 7400)
 TEM (AHERA)
 TEM (EPA Level II)
 Miscellaneous Tests
 Total Dust (NIOSH 0500)
 Resp. Dust (NIOSH 0600)
 Silica - FTIR (NIOSH 7500)
 Silica - XRD (NIOSH 7602)

Asbestos Bulk / Ash ID

PLM (EPA 600, 1993)
 PLM (EPA Point Count)
 PLM (Qualitative only)
 NYELAP 198.1/4
 CAELAP (EPA Interim)
 TEM (Chainfield)

Metals - Total Conc.

Lead
 RCRA Metal Profile
 TCLP / Lead
 TCLP / RCRA Metals
 TCLP / FULL (w/organics)

Extraction Procedures

TCLP / Lead
 TCLP / RCRA Metals
 TCLP / FULL (w/organics)

FOR ASBESTOS AIR: TYPE OF RESPIRATOR USED:

ORGANICS TESTS and other Analyses

NOTE: All samples for organics should be kept at 4°C from collection until testing. Schedule rush analyses in advance. Indicate preservatives added & media type. Indicate analysis method for organics tests.

Sample #	Date Sampled	Time	Sample Identification (e.g. Employee, SSN, Hldg. Material)	Information for Air Samples				Total Air Vol	# canisters
				Wiped Area (ft ²)	Type A.H.P.E.	Time	Flow Rate		
B10-10	1/5/12								X
B10-11	1/5/12								X
B10-12	1/5/12								X
B10-13	1/5/12								X

Sample Collection & Custody Information

Sampled by (NAME) TOM KIRN SIGNATURE: [Signature] ID(ANTIME) 1/5/12

Relinquished by (NAME) TOM KIRN SIGNATURE: [Signature] ID(ANTIME) 1/12/12

Received by (NAME) _____ SIGNATURE: _____ ID(ANTIME) _____

Unusual Sample Condition Note: _____

STATE where samples were collected: _____

PH () Yes () No

Res. Cl. () Yes () No

1210-12-11

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AIHA/ELLAP 100527, ISO/IEC 17025, NVLAP 101150-0, NYELAP/NELAC 11413

LABORATORY ANALYSIS REPORT

Account: 1126-12-467 Date/Time Collected: 1/5/2012
Client: LABELLA ASSOCIATES Date/Time Received: 1/16/2012 9:40 AM
Address: 300 STATE STREET Date Reported: 1/19/2012
ROCHESTER, NY 14614-1098 Receipt Temp., °C:
Project Name: PCB Caulk Testing Sample Matrix: SOLID
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Sample Description: SLI Sample No.: 31320471
Client Sample No.: B10-1

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI 017</u>						
Aroclor - 1016	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	112	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	112	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI 017

Surrogate	Recovery
DCB	MI
TCMX	MI

m mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

Received By
LaBella Associates, P.C.

JAN 21 2012

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description:
SLI Sample No.: 31320473
Client Sample No.: B10-3

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	8457	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	582	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	582	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	MI

Mandapi Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: SLI Sample No.: 31320474
Client Sample No.: B10-4

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	650	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	650	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	MI

Mandapi Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description:
SLI Sample No.: 31320475
Client Sample No.: B10-5

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	795	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	795	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	MI

M. Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: SLI Sample No.: 31320476
Client Sample No.: B10-6

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1221	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1232	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1242	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1248	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1254	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1260	24169	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1268	BQL	1209	µg/kg	4	1/17/2012	KMT
Aroclor - 1262	BQL	1209	µg/kg	4	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	112%



Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: **SLI Sample No.:** 31320477
Client Sample No.: B10-7

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	6312	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	403	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	403	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	76%

M. Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: SLI Sample No.: 31320478
Client Sample No.: B10-8

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	1049	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	205	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	205	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	130%

M. Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: SLI Sample No.: 31320479
Client Sample No.: B10-9

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	995	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	995	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	MI

M Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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Excellence in Service and Technology

AIHA/ELLAP 100527, ISO/IEC 17025, NVLAP 101150-0, NYELAP/NELAC 11413

LABORATORY ANALYSIS REPORT

Account: 1126-12-467
Client: LABELLA ASSOCIATES
Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description:
SLI Sample No.: 31320480
Client Sample No.: B10-10

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1221	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1232	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1242	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1248	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1254	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1260	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1268	BQL	4713	µg/kg	10	1/17/2012	KMT
Aroclor - 1262	BQL	4713	µg/kg	10	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	MI



Reviewed By: Mandapi Mishra, Organics QC Rep.

All samples for organics testing should be shipped in cool conditions, 1 to 6°C. Quality Control Data available upon request. *Data precision justifies 2 significant figures. Sample concentrations below the Quantitation Limit are noted as BQL (Below Quantitation Limit) or ND (None Detected) or with a "less than" (<) sign. Values designated with a "B" indicate presence of the analyte in the laboratory blank at a concentration above the Quantitation Limit. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Soil results are reported on a dry weight basis. Results relate only to samples as received by the laboratory. Unusual sample conditions, if any, are described. All testing is done in strict accordance with SLI. protocol. Visit www.slabinc.com for current certifications.

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Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description:
SLI Sample No.: 31320481
Client Sample No.: B10-11

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1221	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1232	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1242	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1248	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1254	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1260	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1268	BQL	328	µg/kg	1	1/17/2012	KMT
Aroclor - 1262	BQL	328	µg/kg	1	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	MI



Reviewed By: Mandapi Mishra, Organics QC Rep.

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Address: 300 STATE STREET
ROCHESTER, NY 14614-1098
Project Name: PCB Caulk Testing
Project No.: 212133.01
Job Location: Monroe Comm College
P.O.#:

Date/Time Collected: 1/5/2012
Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: **SLI Sample No.:** 31320482
Client Sample No.: B10-12

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1221	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1232	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1242	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1248	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1254	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1260	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1268	BQL	9582	µg/kg	100	1/17/2012	KMT
Aroclor - 1262	BQL	9582	µg/kg	100	1/17/2012	KMT
<u>Polychlorinated Biphenyls based on SW846 8082 -- Surrogate Recoveries using SLI O17</u>						
Surrogate	Recovery					
DCB	MI					
TCMX	MI					

Mandapi Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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Project No.: 212133.01
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P.O.#:

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Date/Time Received: 1/16/2012 9:40 AM
Date Reported: 1/19/2012
Receipt Temp., °C:
Sample Matrix: SOLID

Sample Description: SLI Sample No.: 31320483
Client Sample No.: B10-13

Analyte	Analysis Result	Quantitation Limit	Units	Dilution Factor	Analysis Date/Time	Analyst
<u>Polychlorinated Biphenyls based on SW846 8082 using SLI O17</u>						
Aroclor - 1016	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1221	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1232	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1242	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1248	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1254	16174	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1260	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1268	BQL	759	µg/kg	5	1/17/2012	KMT
Aroclor - 1262	BQL	759	µg/kg	5	1/17/2012	KMT

Polychlorinated Biphenyls based on SW846 3082 -- Surrogate Recoveries using SLI O17

Surrogate	Recovery
DCB	MI
TCMX	80%

M. Mishra

Reviewed By: Mandapi Mishra, Organics QC Rep.

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