



August 1, 2016

Tetra Tech
3945 Lakefield Court
Suwanee, GA 30024

CLIENT PROJECT: 103X902701052.001F
CEI LAB CODE: T16-1253

Dear Customer:

Enclosed are asbestos analysis results for TEM air samples received at our laboratory on July 29, 2016. The samples were analyzed for asbestos using transmission electron microscopy (TEM) per NIOSH 7402 Method.

The current OSHA 8-hour time weighted average permissible exposure limit (PEL) for asbestos is 0.1 f/cc and the 30 minutes excursion limit is 1 f/cc. The detection limit for the NIOSH 7402 method is one confirmed asbestos fiber above 95% expected mean blank value.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

A handwritten signature in black ink, appearing to read "Tianbao Bai", written in a cursive style.

Tianbao Bai, Ph.D., CIH
Laboratory Director



AMENDED

ASBESTOS ANALYTICAL REPORT
By: Transmission Electron Microscopy

Prepared for

Tetra Tech

CLIENT PROJECT: 103X902701052.001F

CEI LAB CODE: T16-1253

TEST METHOD: Air NIOSH 7402

REPORT DATE: 08/01/16

TEL: 866-481-1412

www.ceilabs.com



AMENDED

ASBESTOS AIR ANALYSIS

By: TRANSMISSION ELECTRON MICROSCOPY

Client: Tetra Tech
3945 Lakefield Court
Suwanee, GA 30024

CEI Lab Code: T16-1253
Date Received: 07-29-16
Date Analyzed: 08-01-16
Date Reported: 08-01-16

Project: 103X902701052.001F

TEM AIR NIOSH 7402

Client ID Lab ID	Volume (Liters)	PCM f/cc	Asbestos Type	Asbestos Fibers	Asbestos %	Asbestos f/cc
ODH-AA-L01 -072816 T52739	4188.0	0.00064	None Detected	0	0	<0.00016
ODH-AA-L02 -072816 T52740	4185.6	0.0013	Amosite	1	50	0.001
ODH-AA-L03 -072816 T52741	4179.2	0.0032	None Detected	0	0	<0.0016
ODH-AA-L04 -072816 T52742	4179.5	0.0013	None Detected	0	0	<0.0013
ODH-AA- L05A-072816 T52743	3316.0	0.00089	None Detected	0	0	<0.00089
ODH-AA- L06A-072816 T52744	3391.2	0.0017	None Detected	0	0	<0.00085



LEGEND: f/cc = fibers/cubic centimeter

METHOD: NIOSH 7402

Limit of Detection: 1 confirmed asbestos fiber above 95% of expected mean blank value

REGULATORY LIMIT: OSHA Excursion Limit (EL) is 1.0 fibers per cc based on a 30 minute sample; OSHA Permissible Exposure Limit (PEL) is 0.10 fibers per cc based on 8 hour TWA

ANALYTICAL EQUIPMENT: JEOL Electron Microscope (JEM-1200 EXII)
NORAN EDS System 7 (NSS112E)

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client.

No Field Blanks were submitted for project T16-1253.

ANALYST:

Kamila Reichert

Kamila Reichert

APPROVED BY:

Tianbao Bai

Tianbao Bai, Ph.D., CIH
Laboratory Director

Carly Johnson

From: Prys, Paul <Paul.Prys@tetrattech.com>
Sent: Monday, August 01, 2016 12:49 PM
To: Carly Johnson
Subject: RE: Old Davis Hospital Analytical Results

It had nothing to do with the report number. It was just the sample ids that were incorrect. I ended up changing the locations 5 & 6 due to the overloads.

From: Carly Johnson [<mailto:carly@ceilabs.com>]
Sent: Monday, August 01, 2016 12:47 PM
To: Prys, Paul <Paul.Prys@tetrattech.com>
Subject: RE: Old Davis Hospital Analytical Results

Hey Paul,

I apologize about that confusion. That is our report number to help organize reports on our end. Let me go see what I can do.

Thank you!

Carly Johnson
carly@ceilabs.com
Phone: (919) 481-1413
Cell: (919) 522-0745
Fax: (919) 481-1490



From: Prys, Paul [<mailto:Paul.Prys@tetrattech.com>]
Sent: Monday, August 01, 2016 12:45 PM
To: Carly Johnson
Subject: Old Davis Hospital Analytical Results

Carly,

Please amend the sample ids for the analytical results listed below. The lab incorrectly put the wrong sample ids on some of the reports and some of the others were not correctly entered by me.

- ✓ T16-1238: Please change to ODH-AA-L05A-072616 and ODH-AA-L06A-072616.
T16-1244: Please change to ODH-AA-L05A-072716 and ODH-AA-L06A-072716.
T16-1238: Please change to ODH-AA-L05A-072816 and ODH-AA-L06A-072816.
Samples collected on 7/29/16: Please change to ODH-AA-L05A-072916 and ODH-AA-L06A-072916.

Let me know if you have any questions.

Paul Prys | Senior Environmental Scientist/Project Manager
Direct: 678.775.3106 | Cell: 404.849.7136 | Fax: 678.775.3138

CEI Labs, Inc.
730 S.E. Maynard Road, Cary, NC 27511
Tel: (919) 481-1413 (866) 481-1412
www.ceilabs.com

T16-1253 T52739-744

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CHAIN OF CUSTODY FORM FOR AIR SAMPLE ANALYSIS

Client name: Tetra Tech, Inc.

Contact: Paul Prys

Project Name/#: 103X902701052.001F

Address: 1955 Evergreen Blvd, Bldg 200, Suite 300

Phone: 404-849-7136

Samplers Name: Paul Prys

Duluth, GA 30096

Fax: 678-775-3138

Sampling Date: 7/28/2016

SAMPLE ID	SAMPLE DESCRIPTION (e.g. Locations, Name, etc)	PUMP NUMBER	TIME			FLOW RATE			VOLUME	ANALYSIS REQUESTED/REMARKS
			START	END	TOTAL	INITIAL	FINAL	AVG		
ODH-AA-L01-072816	Location 1	980065	8:09	16:14	485	8.69	8.58	8.64	4188.0	Analyze samples by NIOSH Method 7402 for 24-hr TAT. Please e-mail results to the following: jessica.vickers@tetrattech.com and paul.prys@tetrattech.com.
ODH-AA-L02-072816	Location 2	980063	7:35	15:48	493	8.63	8.35	8.49	4185.6	
ODH-AA-L03-072816	Location 3	980070	7:38	15:52	494	8.62	8.30	8.46	4179.2	
ODH-AA-L04-072816	Location 4	980089	7:50	16:02	492	8.61	8.38	8.50	4179.5	
ODH-AA-L05-072816	Location 5	980077	8:00	16:08	488	6.80	6.79	6.80	3316.0	
ODH-AA-L06-072816	Location 6	980066	8:22	16:22	480	6.95	7.18	7.07	3391.2	
ODH-FB01-072816	Field Blank 1	NA	NA	NA	NA	NA	NA	NA	NA	
ODH-FB02-072816	Field Blank 2	NA	NA	NA	NA	NA	NA	NA	NA	

Turnaround Time: Normal (5 days): ☐ 3 Days Rush: ☐ 2 Days Rush: ☐ Next Day Rush: ☒

Comments: _____

Relinquished By: <u>[Signature]</u>	Date/Time: <u>7/28/16 @ 1720</u>
Received By: <u>[Signature]</u>	Date/Time: <u>7/29 9:00</u>
Relinquished By:	Date/Time:
Received By:	Date/Time:

Delivered Direct to Lab: ☐ Shipped: ☒

Method of Shipment: FedEx

Lab Recipient: Sample Receiving

Date: 7/28/2016