AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 23, 2014

John Schendel
Tetra Tech EM Inc.
950 S. Fourth St.
Baldwyn MS 38824

TEL: (622) 681-5727
FAX: (622) 681-5727

RE: Knoxville College

Dear John Schendel: Order No: 1406I22

Analytical Environmental Services, Inc. received 5 samples on June 20, 2014 10:10 am for the analyses presented in following report.

Please find enclosed the results of the air sample analyses for the above referenced project. All analyses are performed in accordance with the standard procedures regulated by OSHA (RE: CRF 1910.1001) and NIOSH 7400 Method (as amended 5/15/95.).

AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene (Organics, Inorganics, PCM Asbestos) effective until 09/01/15.

Sr values are: 0.17 for 5 to 20 fibers in 100 fields; 0.12 for 20.5 to 50 fibers in 100 fields; 0.11 for 50.5 to 100 fibers in 100 fields.

Please note that any unused portion of these samples will be disposed of in 90 days unless otherwise requested.

These results relate only to the items tested. This report may only be reproduced in full.

James Forrest
Project Manager

ANALYTICAL ENVIRONMENTAL SERVICES, INC
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Tel.: (770) 457-8177 (800) 972-4889
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1406I22

CHAIN OF CUSTODY FORM FOR AIR SAMPLE ANALYSIS

Client Name: TETRA TECH, INC. Contact: JOHN SCHNEIDER
Address: 1955 EVERGREEN BLVD Phone: (404) 373-8760
DULUTH, GA 30096 Fax:

Project Name/#: KNOXVILLE COLLEGE
Samplers Name: MATT VILLANA
Sampling Date: 6/19/14

SAMPLE ID	SAMPLE DESCRIPTION (e.g. Locations, Name, etc)	PUMP NUMBER	TOTAL TIME (MIN) START	TOTAL TIME (MIN) END	FLOW RATE INITIAL	FLOW RATE FINAL	FLOW RATE AVG	VOLUME	ANALYSIS REQUESTED/REMARKS
KC-AA-061914-P1	ERRS CONTRACTOR	A68987	537	MINUTES	2.595	2.530	2.5625	1,376.0625	PCM, 0.8 µ
KC-AA-061914-E1	BUILDING EXTERIOR UPWIND	A68986	564	MINUTES	2.522	2.593	2.5575	1,442.43	PCM, 0.8 µ
KC-AA-061914-E2	BUILDING EXTERIOR DOWNWIND	A68990	572	MINUTES	2.558	2.450	2.504	1,432.288	PCM, 0.8 µ
KC-AA-061914-B1	BUILDING INTERIOR GROUND FLR	A68985	522	MINUTES	2.469	2.586	2.5275	1,319.355	PCM, 0.8 µ
KC-AA-061914-B2	BUILDING INTERIOR 1ST	A68988	511	MINUTES	2.429	2.437	2.433	1,243.263	PCM, 0.8 µ

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

Comments: QC LEVEL IV

Relinquished By:	[signature]	Date/Time	6/19/14 / 1800
Received By:		Date/Time	
Relinquished By:		Date/Time	
Received By:		Date/Time	

Delivered Direct to Lab: ☐ Shipped: ☐
Method of Shipment: FEDEX
Lab Recipient: Latoya R
Date: 6/20/14 10:10a

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE FOLLOWING BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

Airborne Fiber Concentration Report of Analysis

Analytical Environmental Services, Inc

Date: 23-Jun-14

Client:	Tetra Tech EM Inc.	**Date Sampled:**	6/19/2014
Lab Order:	1406I22	**Date Received:**	6/20/2014
		Date Analyzed:	6/23/2014
Sample Type:	Air	**Project:**	Knoxville College
Method Reference:	**PCM**	**Analyst:**	JW

Lab ID	Sample Identification	Air Volume (liters)	LOD (fibers/cc)	Fiber Concentration (fibers/mm2)	(fibers/filter)	(fibers/cc)
1406I22-001A	KC-AA-061914-P1	1376.06	0.002	11	4400	0.003
1406I22-002A	KC-AA-061914-E1	1442.43	0.002	<7.01	<2700	<0.002
1406I22-003A	KC-AA-061914-E2	1432.29	0.002	<7.01	<2700	<0.002
1406I22-004A	KC-AA-061914-B1	1319.36	0.002	10	3900	0.003
1406I22-005A	KC-AA-061914-B2	1243.26	0.002	9.6	3700	0.003

Results are blank corrected where applicable.
These results apply only to those samples actually tested, as submitted by the client.