ASBESTOS AIR ANALYSIS

By: PHASE CONTRAST MICROSCOPY

Client: SAQ Environmental Engineers, Inc.
PO Box 155
Manati, PR 00674

CEI Lab Code: P14-1577
Date Received: 06-30-14
Date Analyzed: 06-30-14
Date Reported: 07-01-14

Project: Jorge Lucas Perez Valdivieso

ASBESTOS FIBER COUNT, NIOSH 7400 METHOD

Client ID	Lab ID	Volume (Liters)	Fibers	Fields	Fibers / cc
HOM-062614-FB-DO-01 Field Blank	P94050	Blank	0	100	
HOM-062614-FB-DO-02 Field Blank	P94051	Blank	0	100	
HOM-062614-A-DO-03	P94052	4620	29	100	**0.0031**
HOM-062614-A-DO-04	P94053	4635	28	100	**0.003**
HOM-062614-A-DO-05	P94054	4635	22	100	**0.0023**
HOM-062614-A-DO-06	P94055	4635	20.5	100	**0.0022**
HOM-062614-A-DO-07	P94056	4635	28.5	100	**0.003**

REGULATORY LIMITS: OSHA: Excursion Level (EL) is 1.0 fibers per cc based on a 30 minute sample.
OSHA: Permissible Exposure Level (PEL) is 0.10 fibers per cc based on 8 hour TWA.
EPA: Final Clearance Standard is 0.01 fibers per cc.

METHOD: NIOSH 7400, A RULES

Please note that the results have not been corrected for contamination based on the field blank or lab blank. The results relate only to the items tested. The overall relative standard deviation (Sr) for the lab = 0.20. The detection limit is 7 fibers/mm^2. Samples were received in acceptable condition.

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ANALYST: _____
Antonia Hoyland

APPROVED BY: _____
Tianbao Bai, Ph.D.
Laboratory Director

AIHA IHLAP #103025

CEI LABS
107 New Edition Court, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

CHAIN OF CUSTODY

LAB USE ONLY:	
CEI Lab Code:	P14-1577 (7)
CEI Lab I.D. Range:	P94050 - P94056

Applied Building Sciences	
Company: SAQ Environmental Engineers, Inc	**Client #:**
Address: PO Box 155, Manati P.R. 00674	**Job Contact:** Samuel Quiñonez
Project Name: Jorge Lucas Perez Valdivieso	**Email**: samuelq@saqee.com
	Tel: 787-374-6187

ASBESTOS	METHOD	4 HR*	8 HR*	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAVIMETRIC	EPA 600		☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400			X			
TEM AIR NIOSH	NIOSH 7402	☐	☐	☐	X	☐	☐
TEM MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM DUST WIPES	ASTM D6480-05	☐	☐	☐	☐	☐	☐
POSITIVE STOP ANALYSIS			☐				
SOUTH CAROLINA SAMPLES			☐				

TEM INSTRUCTIONS	
BEGIN TEM ANALYSIS AFTER NEGATIVE PLM	☐
ANALYZE TEM SAMPLES SIMULTANEOUSLY WITH PLM	☐

REMARKS: **If NIOSH 7400 result is > 0.0009f/cc, Them Anlyzed also for NIOSH 7402.**

Collected by
[signature]
June-26-2014

☒ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	June-26-14	[signature]	06/26/14 18:00
[signature]	June-27-14 8:02	[signature]	06/30 8:00 A

*Call to confirm RUSH analysis.

Samples will be disposed of 30 days after analysis

P141577

CEI LABS

SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: SAQ Environmental Engineers Inc.	Job Contact: Samuel Quiñonez
Project Name: Lucas Perez Valdivieso Public School	
Project ID #:	Tel:787-374-6187

SAMPLE ID#	DESCRIPTION / LOCATION	TEST	
HOM-062614-FB-DO-01	Field Blank	PLM ☐	TEM ☒
HOM-062614-FB-DO-02	Field Blank	PLM ☐	TEM ☒
HOM-062614-A-DO-03	Director office, office space # 1, air sample	PLM ☐	TEM ☒
HOM-062614-A-DO-04	Director office, office space # 2, air sample	PLM ☐	TEM ☒
HOM-062614-A-DO-05	Director office, office space # 3, air sample	PLM ☐	TEM ☒
HOM-062614-A-DO-06	Director office, office space # 4, air sample	PLM ☐	TEM ☒
HOM-062614-A-DO-07	Director office, office space # 5, air sample	PLM ☐	TEM ☒
		PLM ☐	TEM ☒
		PLM ☐	TEM ☒
		PLM ☐	TEM ☒
		PLM ☐	TEM ☒
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		PLM ☐	TEM ☐
		PLM ☐	TEM ☐
Received		PLM ☐	TEM ☐
Carlos E. Tasico		PLM ☐	TEM ☐
June-26-14		PLM ☐	TEM ☐

ALTOL Environmental Services, Inc.

ALTOL ENVIRONMENTAL SERVICES, INC.

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PO BOX 359 MERCEDITA, PR 00715-0359

CHAIN OF CUSTODY (TRANSMITTAL SHEET FOR AIR SAMPLES)

Customer Name: *Homeca Recycling*

Contact: *Samuel Quiñonez*

Phone / Fax/Email: *787-374-6187*

Collected By: *Carlos E. Ocasio* *03010139-MS*

Analized By Lab: *Cei Labs*

AIHA Lab ID: *AIHA IHLAP #103025*

Project Name: *Lucas Perez Valdivieso, Public School*

Total Samples: *7* Job Number: *ENJ-1161*

Worker Name: *N/A* Worker ID: *N/A*

Worker Name: *N/A* Worker ID: *N/A*

Worker Name: *N/A* Worker ID: *N/A*

Worker Name: *N/A* Worker ID: *N/A*

Project Description: If NIOSH results is >0.0009 f/cc, them analyzed also for NIOSH 7402

Date	Sample ID	Sample Description	Pump	Time		Flow Rate			Volume (L)	Asbestos		Lead	Minutes
				START	STOP	Initial	Final	Avg.		PCM	TEM	Air	
June-26-14	HOM-062614-FB-DO-01	Field Blank I	------	----	----	----	----	----	---	X	X		---
June-26-14	HOM-062614-FB-DO-02	Field Blank II	------	----	----	----	----	----	---	X	X		---
June-26-14	HOM-062614-A-DO-03	Director office, office space#1, air sample	Hv-6269	11:22	16:30	15.0	15.0	15.00	4620.0	X	X		308
June-26-14	HOM-062614-A-DO-04	Director office, office space#2, air sample	Hv-5939	11:30	16:39	15.0	15.0	15.00	4635.0	X	X		309
June-26-14	HOM-062614-A-DO-05	Director office, office space#3, air sample	Hv-615330	11:35	16:44	15.0	15.0	15.00	4635.0	X	X		309
June-26-14	HOM-062614-A-DO-06	Director office, office space#4, air sample	Hv-5109	11:38	16:47	15.0	15.0	15.00	4635.0	X	X		309
June-26-14	HOM-062614-A-DO-07	Director office, office space#5, air sample	Hv-615332	11:40	16:49	15.0	15.0	15.00	4635.0	X	X		309

Turn Around Time: Normal: 7 days ____ Rush: 24 hours X Rush: 16 hours _____

Sampling Collected by:	Relinquished by:	Received by:	Relinquished by:	Received by	Delivery to Lab by:	Received at Lab by:
Carlos E. Ocasio						
Date: Time: June 26-14	Date: Time: June 26-14	Date: Time:	Date: Time:	Date: Time:	Date: Time:	Date: Time:

014-1574