

May 16, 2019

KENNETH C. JANDA
DEAN, SCHOOL OF PHYSICAL SCIENCES

RE: April – May 2019 Prevalent 24/7 Air Monitoring Report for Rowland Hall

Dear Dean Janda,

The attached report from Omega Environmental, dated May 16, 2019, provides April 29 – May 3, 2019 prevalent 24/7 air monitoring results for Rowland Hall, including during non-asbestos-related construction activities.

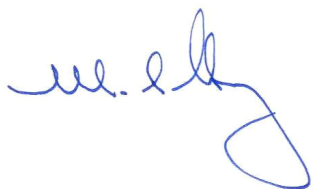
We have reviewed the report, including the air sample measurements. Based on our review, the air sample data has been determined to meet the Environmental Protection Agency (EPA) clearance criteria of 0.01 fibers per cubic centimeters of air (f/cc), which means the air quality in public spaces met or exceeded all applicable standards.

If you have any questions regarding the environmental health and safety of Rowland Hall, please don't hesitate to contact us via phone (**949.824.6889**) or email (**magomez@uci.edu**). After hours calls may be directed to 949.824.6200.

If you have any questions regarding the construction activities in Rowland Hall, please contact Design and Construction Services Senior Project Manager Chris Schneider via email (**jcshne1@uci.edu**).

We look forward to a safe and successful completion of the Rowland Hall fire life safety improvement project. Please let us know if you have any questions.

Sincerely,



Marc A. Gomez
Assistant Vice-Chancellor
Environmental Health and Safety



Alvin Samala
Industrial Hygiene Manager
Environmental Health and Safety

Attachment



Asbestos Air Monitoring Summary Report
University of California, Irvine
Rowland Hall
Irvine, California 92618

Project Number 2019-3299UCI
May 16, 2019

Prepared For:

Susan Robb
University of California, Irvine
4600 Health Science Road
Irvine, California 92697

Prepared By:

Navid Salari
Omega Environmental Services
4570 Campus Drive, Suite 30
Newport Beach, California 92660

A handwritten signature in black ink, appearing to read "Navid Salari", written over a horizontal line.

Navid Salari

Sr. Project Manager, CAC #94-1597

A handwritten signature in blue ink, appearing to read "Steve Rosas", written over a horizontal line.

Steve Rosas

Principal, CAC #92-0284



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ATTACHMENT A

PCM Air Sample Results, Daily Notes and Inspectors' Certifications



1. EXECUTIVE SUMMARY

The following is an air monitoring summary report for work performed at Rowland Hall, Building 400 located at the University of California, Irvine (UCI) in Irvine California. The scope of work consisted of around the clock air monitoring from Monday through Friday, including during general non-asbestos construction activities throughout the subject building.

Christopher Canas, a California Certified Site Surveillance Technician (CSST #16-5978), Jesse Sanchez and Josh Baker (EPA-AHERA¹ Building Inspectors and Contractor Supervisors), with Omega Environmental Services, Inc. (Omega) performed the air monitoring from April 29 through May 3, 2019. Attachment A includes copies of the air sample results, daily notes and inspectors' certifications.

2. AIR SAMPLE RESULTS

Area air samples were collected at select locations in the building each work shift. The purpose of the area air monitoring was to measure the airborne fiber concentrations in the subject building. Analyses were performed using the Phase Contrast Microscopy (PCM) analytical methodology as described in National Institute for Occupational Safety and Health (NIOSH) 7400 A protocol. Omega's representatives are NIOSH-582² certified and analyzed the collected air samples at the site. Table 1 provides a summary of the air sample results:

Table 1 - Air Sample Results

Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/29/19	1	Service floor hallway / FM construction in assigned areas	<0.002
04/29/19	2	1 st floor hallway / None	0.003
04/29/19	3	2 nd floor hallway / None	0.002
04/29/19	4	Service floor hallway / None	<0.002
04/29/19	5	1 st floor hallway / None	<0.002
04/29/19	6	2 nd floor hallway / None	<0.002
04/29-30/19	7	Service floor hallway / Installing fire system	<0.002
04/29-30/19	8	1 st floor hallway / Installing fire system	<0.002
04/29-30/19	9	2 nd floor hallway / Installing fire system	<0.002
04/29-30/19	10	3 rd floor hallway / None	<0.002
04/30/19	1	Service floor hallway / DJ electrical installing electrical components	<0.002
04/30/19	2	1 st floor hallway / None	0.003
04/30/19	3	2 nd floor hallway / None	<0.002
04/30/19	4	Service floor hallway / None	<0.002
04/30/19	5	1 st floor hallway / None	<0.002

¹ Asbestos Hazard Emergency Response Act

² NIOSH-582 or equivalent – Individual trained to analyze samples by Phase Contrast Microscopy



Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/30/19	6	2 nd floor hallway / None	<0.002
04/30/19 to 05/01/19	7	Service floor, hallway / Installing pipes, installing lights	<0.002
04/30/19 to 05/01/19	8	1 st floor, hallway / Installing pipes, installing lights	<0.002
04/30/19 to 05/01/19	9	2 nd floor, hallway / Installing pipes, installing lights	<0.002
04/30/19 to 05/01/19	10	3 rd floor, hallway / None	<0.002
05/01/19	1	Service floor hallway / FM construction in assigned area	<0.002
05/01/19	2	1 st floor hallway / None	<0.002
05/01/19	3	2 nd floor hallway / None	<0.002
05/01/19	4	Service floor, hallway / None	<0.002
05/01/19	5	1 st floor, hallway / None	<0.002
05/01/19	6	2 nd floor hallway / None	<0.002
05/01-02/19	7	Service floor hallway / Installing pipes, installing lights	<0.002
05/01-02/19	8	1 st floor hallway / Installing pipes, installing lights	0.003
05/01-02/19	9	2 nd floor hallway / Installing pipes	<0.002
05/01-02/19	10	3 rd floor hallway / None	<0.002
05/02/19	1	Service floor hallway / FM construction in assigned area	<0.002
05/02/19	2	1 st floor hallway / None	<0.002
05/02/19	3	2 nd floor hallway / None	<0.002
05/02/19	4	Service floor hallway / None	<0.002
05/02/19	5	1 st floor hallway / None	<0.002
05/02/19	6	2 nd floor hallway / None	<0.002
05/02-03/19	7	Service floor hallway / Installing pipes for fire system	<0.002
05/02-03/19	8	1 st floor hallway / Installing pipes for fire system	<0.002
05/02-03/19	9	2 nd floor hallway / Installing pipes for fire system	<0.002
05/02-03/19	10	3 rd floor hallway / None	<0.002
05/03/19	1	Service floor hallway / FM construction in assigned area. Drywall/electrical install	0.003
05/03/19	2	1 st floor hallway / None	0.002
05/03/19	3	2 nd floor hallway / None	<0.002


f/cc – Fibers per cubic centimeter

Based on the results of the PCM analysis, all samples were found to contain fiber concentrations less than the EPA Clearance Criteria of 0.01 f/cc.



Attachment A

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	04/29/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	04/29/2019	

Sample ID: 01	Start time: 0600	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM construction in assigned areas	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 02	Start time: 0600	End time: 1400
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 7	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor - Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 5.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.002	
Other comments:		

Sample ID:	Start time: *	End time: *
Sample location:	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Josh Baker	
Signature	: Josh Baker	Page <u> 1 </u> of <u> 1 </u>

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/29/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/29/19	



Sample ID: 04	Start time: 1400	End time: 2200
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print) : Jesse Sanchez
 Signature : Jesse Sanchez

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/29 – 4/30/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/30/19	



Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing fire system	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing fire system	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing fire system	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 rd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 11	Start time: *	End time: *
Sample location: Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID: 12	Start time: *	End time: *
Sample location: Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print) : Jesse Sanchez
 Signature : Jesse Sanchez

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	04/30/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Josh Baker	
Date Analyzed:	04/30/2019	



Sample ID: 01	Start time: 0600	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: D J Electric installing electrical	No of fibers: 4	No of fields: 100
Components:	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 02	Start time: 0600	End time: 1400
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 8	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
Other comments: General foot traffic		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Josh Baker	
Signature	: Josh Baker	Page <u> 1 </u> of <u> 1 </u>

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/30/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/30/19	

Sample ID: 04	Start time: 1400	End time: 2200
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print) : Jesse Sanchez, Josh Baker
 Signature : Jesse Sanchez Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/30 – 5/01/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/01/19	

Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes, installing lights	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes, installing lights	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes, installing lights	No of fibers: 2.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 rd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 11	Start time: *	End time: *
Sample location: Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID: 12	Start time: *	End time: *
Sample location: Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print) : Jesse Sanchez, Josh Baker
 Signature : Jesse Sanchez Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/01/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Josh Baker	
Date Analyzed:	05/01/2019	

Sample ID: 01	Start time: 0600	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM construction in assigned area	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

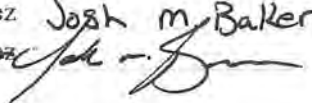
Sample ID: 02	Start time: 0600	End time: 1400
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	Jesse Sanchez Josh M Baker	
Signature	: Jesse Sanchez 	Page <u>1</u> of <u>1</u>

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/1/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/1/19	

Sample ID: 04	Start time: 1400	End time: 2200
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print) : Jesse Sanchez, Josh Baker
 Signature : Jesse Sanchez Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/1 – 5/2/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/2/19	

Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes + installing lights	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes + installing lights	No of fibers: 7	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes + installing lights	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 rd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 11	Start time: *	End time: *
Sample location: Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID: 12	Start time: *	End time: *
Sample location: Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print) : Jesse Sanchez, Josh Baker
 Signature : Jesse Sanchez Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/02/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/02/2019	

Sample ID: 01	Start time: 0600	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM construction in assigned area	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 02	Start time: 0600	End time: 1400
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Josh Baker	
Signature	: Josh Baker	Page <u>1</u> of <u>1</u>

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/2/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/2/19	

Sample ID: 04	Start time: 1400	End time: 2200
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print) : Jesse Sanchez, Josh Baker
 Signature : Jesse Sanchez Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/2 – 5/3/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/3/19	



Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing Pipes for fire system	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing Pipes for fire system	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing Pipes for fire system	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 rd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 11	Start time: *	End time: *
Sample location: Field Blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample ID: 12	Start time: *	End time: *
Sample location: Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

Sample name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u> 1 </u> of <u> 1 </u>

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/03/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/03/2019	

Sample ID: 01	Start time: 0600	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM construction in assigned area	No of fibers: 7	No of fields: 100
Drywall/ electrical install	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

Sample ID: 02	Start time: 0600	End time: 1400
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 6	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.002	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

Sample name (print)	: Josh Baker	
Signature	: Josh Baker	Page <u>1</u> of <u>1</u>



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	04/29/2109
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 Omega arrives on site and checks in with Susan Robb. Jesse briefs me on all activities that happened during the evening shift.

0800 Boxes were being moved into the building from moving trucks. This could potentially cause higher air sample readings.

0900 Morning walk was made with Jeremy, Chris and Javier. There

1000 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1100 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1200 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1300 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1400 Navid arrives on site to read 0600-1400 PCM samples. The results and the daily log were sent to Susan Robb. Updated daily log was posted on the 1st floor near the elevator.

1500 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time. Construction crew working in the basement are now off site.

1600 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1700 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1800 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.



Field Logs

PAGE: 2

1900 Jesse arrives on site and was briefed about the daily operations in the service level. Josh is off site and checked out with Susan Robb.

Josh Baker
4/29/19



Omega Environmental Services, Inc.

Daily Field Log

4570 Campus Drive, Suite 30
 Newport Beach, California 92660
 Phone: (949) 252-2145, Fax: (949) 252-2148

Project Number: 2019-3299UCI	Date: 04/29/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Josh Baker
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

1900	At this time Omega Jesse arrives on-site to being 7 pm shift. Omega Josh Baker gives a briefs description of any Activities during his shift. Josh begins to leave site, his shift ended at this time, Jesse will remain on-site for the Next shift. Air samples are set up on the service, 1 st and 2 nd floor, there were no work activities during Josh's shift. Air samples will be demobilized at 2200.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students Are walking throughout the hallways and in and out of classrooms.
2200	At this time Cosco arrive on-site to start their work shift, Omega also demobilize air samples at this time and set Up new batch of samples. Scope of work: Cosco will be installing pipes for new fire system on the service + 2 nd Floor, BNB will be demoing ceiling tiles on the 2 nd floor and demobilizing ceiling tiles that have been removed on The 2 nd floor.
2300	At this time Omega has read the air samples and email the results to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	Omega returns from walking the site, during the walk Cosco continue to work on the 2 nd floor installing pipes for New fire system. BNB continue to demo ceiling tiles from the 2 nd floor.
0200	At this time there are no issues to report, work continues to move forward.
0300	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0400	At this time Omega returns from walking the site, work continues to move forward no issues to report. Cosco Continue to install pipes on the 2 nd floor. Air samples continue to run at 2.5 LPM away from any work.
0535	Omega prepares new set of samples before demobilizing current running samples.
0600	At this time Omega starts to demobilize air samples from service, 1 st and 2 nd floor to be read on-site using NIOSH 7400 method. Cosco continue to install pipes for new fire system on the 2 nd floor. New set of samples have been

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 04/29/2019
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TIME AND ACTIVITY

Set on the service, 1st and 2nd floor running at 2.5 LPM.

0700 At this time Omega Josh Baker arrives on-site to start 7 am shift, 3rd shift air samples have been read, plus results
Have been sent to UCI Reps. + Omega Rep. Navid Salari. Omega Rep. Jesse leaves site, Josh remains on-site.

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 04/29/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	04/30/2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 Omega arrives on site and checks in with Susan Robb. Jesse briefs me on all activities that happened during the evening shift.

0800 Daily paper work was prepared for daily confirmation. There is nothing new to report at this time.

0900 Morning walk was made with Chris and Javier. There were no new changes to the work activity. All remains the same.

1000 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1100 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1200 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1300 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1400 Navid arrives on site to read 0600-1400 PCM samples. The results and the daily log were sent to Susan Robb. Updated daily log was posted on the 1st floor near the elevator.

1500 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time. Construction crew working in the basement are now off site.

1600 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1700 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1800 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.



Field Logs

PAGE: 2

1900 Jesse arrives on site and was briefed about the daily operations in the service level. Josh is off site and checked out with Susan Robb.

Josh Baker
4/30/19



Omega Environmental Services, Inc.

Daily Field Log

4570 Campus Drive, Suite 30
 Newport Beach, California 92660
 Phone: (949) 252-2145, Fax: (949) 252-2148

Project Number: 2019-3299UCI	Date: 04/30/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Josh Baker
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

1900	Omega Rep. arrives on-site to start 7 pm shift, Omega Josh is on-site and briefs Jesse with a summary of any Activities during his shift. The PCM air samples were set on the service, 1 st and 2 nd floor running at 2.5 LPM. At this time Josh Baker begins to leave site, his shift has ended for today. Air samples will be demobilized at 2200 to be analyzed using NIOSH 7400 method.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students are walking throughout the hallways and in and out of classrooms.
2200	Cosco arrives on-site at this time to start their work shift. Scope of work: The work today will consist of Cosco working on the service and 2 nd floor installing pipes for new fire system. Electricians will be installing lights on the service floor. BNB will be demo + installing ceiling tiles on the 2 nd floor, Omega demobilize air samples at this time to be analyzed on-site.
2300	Omega has analyzed the air samples and emailed the results to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	Omega returns from walking the site, as Omega observed the work Cosco continue to work on the service + 2 nd floor installing pipes for new fire system + electricians continue to install lights on the service floor.
0200	At this time there are no issues to report, work continues to move forward.
0300	Air samples continue to flow at 2.5 LPM, no work is occurring near any air samples.
0400	Omega walks the site to visual check the air samples in the hallways + the installation of the lights and pipes on the service and 2 nd floor.
0525	Work continues to move forward no issues to report at this time, Omega prepares new batch of PCM cassettes.
0600	At this time Omega starts to demobilize air samples from service, 1 st , 2 nd and the 3 rd floor to be analyzed using NIOSH 7400 method on-site. Omega will complete daily post sheet + air log to post on the 1 st floor + send to UCI

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 04/30/2019
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TIME AND ACTIVITY

Reps.

**0700 At this time Omega Josh Baker arrives on-site to start 7 am shift, 3rd shift air samples have been read, plus results
Have been sent to UCI Reps. + Omega Rep. Navid Salari. Omega Rep. Jesse leaves site, Josh remains on-site.**

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 04/30/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/01//2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 Omega arrives on site and checks in with Susan Robb. Jesse briefs me on all activities that happened during the evening shift.

0800 Daily paper work was prepared for daily confirmation. I walked all floors in Rowland hall and made sure all ceiling tiles were in place and none were missing. This was per request from Jeremy. There were no tiles that I noticed that were missing. This is with exception to the service level hallway.

0900 Morning walk was delayed. I met with Jeremy in the hallway of the service floor. There were no new changes to the work activity. All remains the same.

1000 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1100 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1200 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1300 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1400 Navid arrives on site to read 0600-1400 PCM samples. The results and the daily log were sent to Susan Robb. Updated daily log was posted on the 1st floor near the elevator.

1500 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time. Construction crew working in the basement are now off site.

1600 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1700 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1800 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.



Field Logs

PAGE: 2

1900 Jesse arrives on site and was briefed about the daily operations in the service level. Josh is off site and checked out with Susan Robb. This will be the last day for me. Chris will assume the day shift.

Josh Baker
5/1/19



Omega Environmental Services, Inc.

Daily Field Log

4570 Campus Drive, Suite 30

Newport Beach, California 92660

Phone: (949) 252-2145, Fax: (949) 252-2148

Page # 1 of 2

Project Number: 2019-3299UCI	Date: 05/1/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Josh Baker
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

1900	Omega Rep. arrives on-site to start 7 pm shift, Omega Josh is on-site and briefs Jesse with a summary of any Activities during his shift. The PCM air samples were set on the service, 1 st and 2 nd floor running at 2.5 LPM. At this time Josh Baker begins to leave site, his shift has ended for today. Air samples will be demobilized at 2200 to be analyzed using NIOSH 7400 method.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students Are walking throughout the hallways and in and out of classrooms.
2200	At this time Omega demobilize air samples to be analyzed on-site using NIOSH 7400 method. Cosco arrive on-site To start their work shift, scope of work: Cosco will be installing + bracing pipes for new fire system on the service, 1 st , and 2 nd floor; BNB will be assisting to installation. Electricians will be installing lights throughout the service Floor.
2300	Omega has analyzed the air samples and emailed the results to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	Omega returns from walking the site, as Omega observed the work Cosco continue to work on the service, 1 st , and 2 nd Floor installing pipes for new fire system + electricians continue to install lights on the service floor.
0200	At this time there are no issues to report, work continues to move forward.
0300	Air samples continue to flow at 2.5 LPM, no work is occurring near any air samples.
0400	Omega walks the site to visual check the air samples in the hallways + the installation of the lights and pipes on The service, 1 st and 2 nd floor.
0525	Work continues to move forward no issues to report at this time, Omega prepares new batch of PCM cassettes.
0600	At this time Omega starts to demobilize air samples from service, 1 st , 2 nd and the 3 rd floor to be analyzed using NIOSH 7400 method on-site. Omega will complete daily post sheet + air log to post on the 1 st floor + send to UCI

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 05/1/2019
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TIME AND ACTIVITY

Reps.

**0700 At this time Omega Josh Baker arrives on-site to start 7 am shift, 3rd shift air samples have been read, plus results
Have been sent to UCI Reps. + Omega Rep. Navid Salari. Omega Rep. Jesse leaves site, Josh remains on-site.**

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 05/1/2019

Field Notes

PAGE 1 of 1



PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	5/2/19	IH NAME	Christopher Cañas

<p>0640: Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.</p>
<p>0720: No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.</p>
<p>0850: Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.</p>
<p>1030: Lunch</p>
<p>1210: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.</p>
<p>1400: New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse’s shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1st floor lobby near the elevators.</p>
<p>1600: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.</p>
<p>1900: Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved. Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site.</p>

Omega IH Signature: Chris Canas



Omega Environmental Services, Inc.

Daily Field Log

4570 Campus Drive, Suite 30
 Newport Beach, California 92660
 Phone: (949) 252-2145, Fax: (949) 252-2148

Project Number: 2019-3299UCI	Date: 05/2/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez, Chris Canas &
Project Address: Rowland Hall UCI Irvine, CA	Josh Baker
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

1900	Omega Jesse arrives on-site to start 7 pm shift. Omega Chris Canas is on-site to brief Jesse on any activities During his shift. PCM air samples have been set up on the service, 1 st and 2 nd floor running at 2.5 LPM. No work Occurred after 1400 when samples were set up. Omega Chris Canas begins to leave site, his shift has ended at 7 pm.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students Are walking throughout the hallways and in and out of classrooms.
2200	At this time Omega demobilize air samples and set up a new batch of PCM samples. The air samples that have Been demobilized will be analyzed on-site using NIOSH 7400 method. Cosco arrive on-site to start their work Shift, scope of work: Cosco will be installing pipes on the service floor + 1 st floor stairs for the new fire system. BNB will be installing new ceiling tiles on the 2 nd floor.
2300	Omega has analyzed the air samples and emailed the results to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	Omega returns from walking the site, as Omega observed the work Cosco continue to work on the service + 1 st Floor installing pipes for new fire system + BNB continue to install ceiling tiles.
0200	At this time there are no issues to report, work continues to move forward.
0300	Air samples continue to flow at 2.5 LPM, no work is occurring near any air samples.
0400	Omega walks the site to visual check the air samples in the hallways + the work that is occurring on the service, 1 st and 2 nd floor.
0525	Work continues to move forward no issues to report at this time, Omega prepares new batch of PCM cassettes.
0600	At this time Omega starts to demobilize air samples from service, 1 st , 2 nd and the 3 rd floor to be analyzed using NIOSH 7400 method on-site. Omega will complete daily post sheet + air log to post on the 1 st floor + send to UCI

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 05/2/2019
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TIME AND ACTIVITY

Reps.

0700 At this time Omega Josh Baker arrives on-site to start 7 am shift, 3rd shift air samples have been read, plus results
Have been sent to UCI Reps. + Omega Rep. Navid Salari. Omega Rep. Jesse leaves site, Josh remains on-site.

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 05/2/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/03/2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 I arrive on site and checked in with Susan. Jesse briefs me on the activities that happened through the night. There are currently 3 pumps operating on the service level, the 1st floor hallway and the 2nd floor hallway. They are running at 2.5 LPM.

0800 There is currently 2 crews in the service floor. They are working on drywall and installing brackets and conduit for electrical system. Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

0900 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1000 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1100 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1200 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1300 Omega takes an hourly visual assessment of the service floor, 1st floor and the 2nd floor. All pumps are operational. There is nothing to report at this time.

1400 Navid arrives on site to read daily PCM samples. The daily PCM results were sent to Susan and were confirmed by Navid. The results were posted on the 1st floor near the elevators.

Josh Baker
5/3/19

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Christopher E Canas

Name



Certification No. 16-5978

Expires on 08/16/19

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

Asbestos Training Program

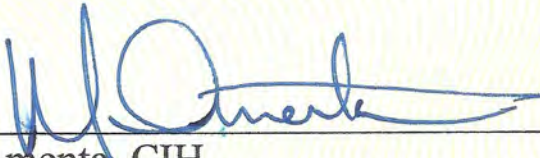
This is to certify

Christopher Canas

Has successfully completed 40 hours
of formal training entitled

**NIOSH 582
Equivalency**

Presented By
Environmental Compliance Training
PO BOX 16555
San Diego, CA. 92176
(858) 558-7465

Director: 
Walter T. Amenta, CIH

Class Dates: 12/11/2017 to 12/15/2017
Expiration Date: N/A
Certification Number: 1217N582E-02



Certificate of Attendance

CERTIFICATE NUMBER

89016

This is to Certify that

JESSE SANCHEZ

Has Completed the Course of

AHERA ASBESTOS ABATEMENT CONTRACTOR/SUPERVISOR 8 HR. REFRESHER COURSE CA-014-04

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND
TITLE 8 CCR 1529 AND TITLE 8 CCR 5208.

ARMANDO DUCOING

DIRECTOR

August 31, 2018

COMPLETION DATE

E083118CSR

CLASS NUMBER / STARTING DATE

083118

August 31, 2019

CERTIFICATE EXPIRES

Ecologics Training Institute



Certificate of Attendance

CERTIFICATE NUMBER

79041

This is to Certify that

JESSE SANCHEZ

Has Completed the Course of

AHERA ASBESTOS ABATEMENT BUILDING INSPECTOR 4 HR. REFRESHER COURSE CA-014-06

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND
TITLE 8 CCR 1529 AND TITLE 8 CCR 5208.

ARMANDO DUCOING

DIRECTOR

August 17, 2018

COMPLETION DATE

E081718BIR

CLASS NUMBER / STARTING DATE

081718

August 17, 2019

CERTIFICATE EXPIRES

Ecologics Training Institute



Certificate of Attendance

32297

CERTIFICATE NUMBER

This is to Certify that

JESSE SANCHEZ

Has Completed the Course of

AIR SAMPLING & ANALYSIS OF AIRBORNE ASBESTOS (NIOSH-582 EQUIVALENT)

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND
TITLE 8 CFR 1529 AND TITLE 8 CFR 5208.

ARMANDO DUCCOING
DIRECTOR

September 21, 2018 **E091718NIOSH** **091718** _____
COMPLETION DATE CLASS NUMBER / STARTING DATE CERTIFICATE EXPIRES

Ecologics Training Institute



Certificate of Attendance

CERTIFICATE NUMBER
83670

This is to Certify that

JOSH MERL BAKER

Has Completed the Course of

AHERA ASBESTOS ABATEMENT BUILDING INSPECTOR 4 HR. REFRESHER COURSE CA-014-06

UNDER TSCA 396, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND
TITLE 8 OF THE CALIFORNIA CODE OF REGULATIONS (CCR) 1529.

ARMANDO DUCCOING

DIRECTOR

April 12, 2019
COMPLETION DATE

E041219BIR 041219
CLASS NUMBER / STARTING DATE

April 12, 2020
CERTIFICATE EXPIRES

Ecologics Training Institute



Certificate of Attendance

CERTIFICATE NUMBER

35408

This is to Certify that

JOSH MERL BAKER

Has Completed the Course of

AHERA ASBESTOS ABATEMENT CONTRACTOR/SUPERVISOR 8 HR. REFRESHER COURSE CA-014-04

UNDER TSCA 206, FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1101 AND
TITLE 8 CCR 1529 AND TITLE 8 CCR 5200.

ARMANDO DUCOING

DIRECTOR

March 23, 2019

COMPLETION DATE

R032319CSR

032319

CLASS NUMBER / STARTING DATE

March 23, 2020

CERTIFICATE EXPIRES

Ecologics Training Institute

Applied Petrography Incorporated

This is to certify
that

Navid Salari

has satisfactorily completed all the requirements for
Sampling and Evaluating Airborne Asbestos Dust


NIOSH 582

on this the twenty-seventh day of September, 1991.

Course # 910927-1

SS# _____


Director


President

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Navid Salari

Name

Certification No. **94-1557**

Expires on **03/10/20**



This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.