

May 8, 2019

**KENNETH C. JANDA**  
**DEAN, SCHOOL OF PHYSICAL SCIENCES**

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

Dear Dean Janda,

The attached report from Omega Environmental, dated May 3, 2019, provides April 22 – 26, 2019 prevalent 24/7 air monitoring results for Rowland Hall, including during non-asbestos-related construction activities.

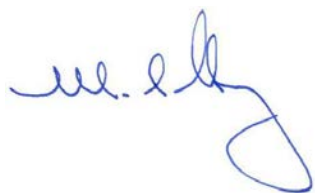
We have reviewed the report, including the air sample measurements. Based on our review, the air sample data has been determined to meet the Environmental Protection Agency (EPA) clearance criteria of 0.01 fibers per cubic centimeters of air (f/cc), which means the air quality in public spaces met or 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 3, 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.

Jesse Sanchez and Josh Baker (EPA-AHERA<sup>1</sup> Building inspectors) with Omega Environmental Services, Inc. (Omega) performed the air monitoring from April 22 through April 26, 2019. The monitoring was performed at the direction of Navid Salari, a California Certified Asbestos Consultant (CAC # 94-1557). 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-582<sup>2</sup> 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)
04/22/19	1	Service floor hallway / FM construction in assigned areas	0.003
04/22/19	2	1 <sup>st</sup> floor hallway / None	<0.002
04/22/19	3	2 <sup>nd</sup> floor hallway / None	0.003
04/22/19	4	Service floor hallway / 1 hour of electrical work, remaining hours no activities	<0.002
04/22/19	5	1 <sup>st</sup> floor hallway / 1 hour of electrical work, remaining hours no activities	<0.002
04/22/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/22-23/19	7	Service floor hallway / Demo tile, install conduit, main & lines, retrofit lights	<0.002
04/22-23/19	8	1 <sup>st</sup> floor hallway / Retrofit lights	<0.002
04/22-23/19	9	2 <sup>nd</sup> floor hallway / Demo tile, install conduit, main & lines, retrofit lights	<0.002
04/22-23/19	10	3 <sup>rd</sup> floor hallway / None	<0.002
04/23/19	1	Service floor hallway / FM construction in assigned areas	<0.002
04/23/19	2	1 <sup>st</sup> floor hallway / None	0.004
04/23/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
04/23/19	4	Service floor hallway / None	<0.002
04/23/19	5	1 <sup>st</sup> floor hallway / None	<0.002

<sup>1</sup> Asbestos Hazard Emergency Response Act

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



Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/23/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/23-24/19	7	Service floor, hallway / Cosco installing pipes & retrofit lights	<0.002
04/23-24/19	8	1 <sup>st</sup> floor, hallway / Retrofit lights	<0.002
04/23-24/19	9	2 <sup>nd</sup> floor, hallway / Installing pipes & retrofit lights	0.002
04/23-24/19	10	3 <sup>rd</sup> floor, hallway / None	<0.002
04/24/19	1	Service floor hallway / FM construction in assigned area	0.002
04/24/19	2	1 <sup>st</sup> floor hallway / None	0.004
04/24/19	3	2 <sup>nd</sup> floor hallway / None	0.003
04/24/19	4	Service floor, hallway / None	<0.002
04/24/19	5	1 <sup>st</sup> floor, hallway / None	<0.002
04/24/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/24-25/19	7	Service floor hallway / Installing pipes and ceiling tiles	0.003
04/24-25/19	8	1 <sup>st</sup> floor hallway / Installing ceiling tiles & Retrofit lights	<0.002
04/24-25/19	9	2 <sup>nd</sup> floor hallway / Installing pipes	<0.002
04/24-25/19	10	3 <sup>rd</sup> floor hallway / None	<0.002
04/25/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/25/19	2	1 <sup>st</sup> floor hallway / None	0.003
04/25/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
04/25/19	4	Service floor hallway / None	<0.002
04/25/19	5	1 <sup>st</sup> floor hallway / None	<0.002
04/25/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
04/25-26/19	7	Service floor hallway / Installing pipes, ceiling tiles & Retrofit lights	<0.002
04/25-26/19	8	1 <sup>st</sup> floor hallway / Installing pipes, ceiling tiles & Retrofit lights	<0.002
04/25-26/19	9	2 <sup>nd</sup> floor hallway / Installing pipes, ceiling tiles & Retrofit lights	<0.002
04/25-26/19	10	3 <sup>rd</sup> floor hallway / None	<0.002
04/26/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/26/19	2	1 <sup>st</sup> floor hallway / None	0.003
04/26/19	3	2 <sup>nd</sup> 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:	4/22/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	4/22/19	

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: 6.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

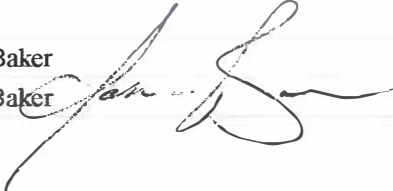
Sample ID: 02	Start time: 0600	End time: 1400
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: <i>None</i>	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 <sup>nd</sup> floor - Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: <i>None</i>	No of fibers: 7	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
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:	4/22/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/22/19	

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: 1 Hour of electrical work,	No of fibers: 2.5	No of fields: 100
Remaining hours no activities	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: 1 Hour of electrical work,	No of fibers: 2	No of fields: 100
Remaining hours no activities	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 <sup>nd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 4	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	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:	4/22 – 4/23/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/23/19	

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: Demo. Tile, install conduit, install Main & lines + retro fit lights	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 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Retrofit lights	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 <sup>nd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Demo. Tile, install conduit, install Main & lines + retro fit lights	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 <sup>rd</sup> 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: 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:	04/23/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Navid Salari	
Date Analyzed:	04/23/2019	

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 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 9	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.004	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 <sup>nd</sup> 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: 0	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: 0	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 <i>Josh m Baker</i>	
Signature	: Jesse Sanchez <i>Jesse Sanchez</i>	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:	4/23/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/23/19	

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 <sup>st</sup> 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 <sup>nd</sup> 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	Page <u>  1  </u> of <u>  1  </u>
Signature	: Jesse Sanchez	

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/23 – 4/24/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/24/19	

Sample ID: 07	Start time: 2200	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Cosco Installing pipes + retrofit 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: 1400
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Retrofit lights	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: 1401
Sample location: 2 <sup>nd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes + retrofit lights	No of fibers: 6	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.002	
Other comments:		


Sample ID: 10	Start time: 2201	End time: 1401
Sample location: 3 <sup>rd</sup> 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: 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:	04/24/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Josh Baker	
Date Analyzed:	4/24/2019	

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: 6	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 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 11	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.004	
Other comments:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 <sup>nd</sup> 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:		

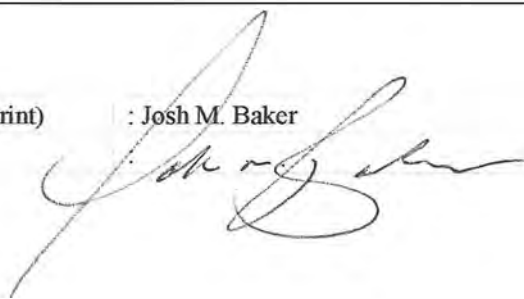
Sample ID:	Start time:	End time:
Sample location:	Flow rate (LPM):	
	Total time:	Total volume:
Work activity:	No of fibers:	No of fields:
	Airborne fiber concentration (fibers/cc):	
Other comments:		

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: 06	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 M. Baker

Signature



Page 1 of 1

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/24/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/24/19	

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: 2.5	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 <sup>st</sup> 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 <sup>nd</sup> 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	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:	4/24 – 4/25/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/25/19	

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 pipe and installing ceiling tiles	No of fibers: 7	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing ceiling tiles, retrof it lights	No of fibers: 3.5	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 <sup>nd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes	No of fibers: 4	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 <sup>rd</sup> 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: 11	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 ID: 12	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 name (print)	: Jesse Sanchez	Page <u>1</u> of <u>1</u>
Signature	: Jesse Sanchez	

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	04/25/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Josh Baker	
Date Analyzed:	04/25/2019	

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: 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 <sup>st</sup> 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:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 <sup>nd</sup> floor - Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	No of fields:
	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 M. Baker	
Signature	: 	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:	4/25/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/25/19	

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 <sup>st</sup> 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 <sup>nd</sup> 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  
 Signature : Jesse Sanchez

## PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	4/25 – 4/26/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	4/26/19	

Sample ID: 07	Start time: 2200	End time: 06000
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes, installing ceiling	No of fibers: 2	No of fields: 100
Tiles & retro fit lights	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 <sup>st</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes, installing ceiling	No of fibers: 5	No of fields: 100
Tiles & retro fit lights	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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


Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3 <sup>rd</sup> floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 11	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 ID: 12	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 name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u>  1  </u> of <u>  1  </u>

## PCM Sample Data Sheet

Project Number	: 2019-3299UCI	
Project Site Address	: Rowland Hall, UCI Irvine, CA	
Sample Date	: 04/26/2019	
Analysis type	: PCM (NIOSH 7400A)	
Analysis by	: NS	
Date Analyzed	: 04/26/2019	

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 <sup>st</sup> 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:		

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 <sup>nd</sup> 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	: J. Baker	Page 1 of 1



# Field Logs

PAGE: 1

PROJECT NAME	UCI- Rowland hall	DATE	04-22-2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0500 - Omega on site and checked in with Susan Robb.

0530 – Omega checks in with Javier Vasquez and receives 1(one) key card for access into rooms 104, 108, 188 and 184. BNB electric workers arrive on site to replace night shift. Their activities will include non-asbestos electrical and mechanical work in B66, B70, B85 and B93. All areas are located in the service level (Basement).

0600 – Pumps were started at 2.5LPM and will run for 8 hours. They will collect a total of 1,200L in total. They are located on levels 1, 2 and the service level.

0700 Omega off site to get coffee at 0730.

0900 Omega walks site with Susan, Javier, Jeremy and Craig. During the meeting we discussed the construction plan for the day and the evening shift. The key card that was loaned to Omega was returned to Javier.

1000 Navid stops by to pick up daily notes and sample data sheets. He was informed that Susan requested that the daily activity should be added to the comments or the work activity line on the sample data sheets. She also requested that I check in and check out every morning with a description of the daily activities

1100 A visual assessment was made on the 2<sup>nd</sup> level to the service level. The assessment reveals that all pumps are still operational. There was no odor or visible dust that was noticed on the service level.

1200 Another visual assessment was made. There is nothing new to report at this time.

1300 Omega on Lunch will return at 1345.

1400 Navid Stops by to read samples and give conformation for daily air sampling posting. This was sent to Susan Robb for confirmation as well. The daily results were posted on the wall of the 1<sup>st</sup> floor near the large service elevator. A picture of the posted results was sent to her as well.



## Field Logs

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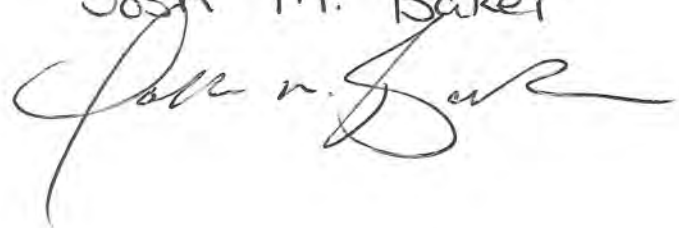
1500 BNB electric finished for the day.

1600 Visual assessment was made. There is nothing new to report.

1700 Visual assessment was made. There is nothing new to report.

1800 Visual assessment was made. There is nothing new to report.

1900 I briefed Jesse on changes that were made and the work that will be done tonight. I relinquish the room key to him and I am off site.

Josh M. Baker  




**Omega Environmental Services, Inc.**

**Daily Field Log**

4570 Campus Drive, Suite 30

Newport Beach, California 92660

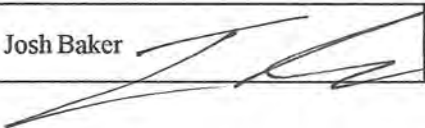
Phone: (949) 252-2145, Fax: (949) 252-2148

Page # 1 of 1

Project Number: 2019-3299UCI	Date: 04/22/2019
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	<b>Omega Jesse arrives on-site to start 7 pm shift. Omega Josh Baker briefs Jesse on work activities throughout his Shift. Samples were set on the service, 1<sup>st</sup> and 2<sup>nd</sup> floor. Samples will be demobilized at 2200 to be read on-site using NIOSH 7400 method.</b>
2000	<b>At this time Omega walks the site to check on hallway activities + on the air samples.</b>
2100	<b>Samples are still running at 2.5 LPM + students are walking in and out of classrooms throughout the hallways. No Work activities at this time.</b>
2200	<b>At this time Omega demobilize air samples and set a new batch. Samples will be read at this time using NIOSH 7400 method. Cosco arrive on-site to begin their work shift. Scope of work: Crew will install pipe lines, demo tiles On the service and 2<sup>nd</sup> floor. Work will also consist of installing conduits in data rooms throughout the floors. Electricians will be retro fitting the light ballets on the 1<sup>st</sup> floor. At this time crew are mobilizing equipment To assigned work areas.</b>
2300	<b>No issues to report at this time, work continues to move forward.</b>
2400	<b>Omega walks the site, to check on the work + air samples.</b>
0300	<b>Omega returns from the site, no issues to report air samples are away from any work activities. No work activities In the hallways except the 1<sup>st</sup> floor electricians continue to retro fit the light ballets. Air samples are not near any Work activities, samples continue to flow at 2.5 LPM.</b>
0400	<b>At this time work continues to move forward, no issues to report at this time.</b>
0500	<b>At this time UCI Reps. + Omega Navid Salari meet on site for a meeting.</b>
0600	<b>Omega Jesse demobilize air samples to be read on-site using NIOSH 7400 method. Omega Jesse set up new batch Of air samples.</b>
0700	<b>At this time air results were sent to UCI Reps. + Omega Rep. Navid Salari. Omega Josh Baker arrived on-site at This time, Omega Jesse begin to demobilize from the site. Josh will remain on-site for 7 am shift.</b>

Omega Site Representative Signature: Jesse Sanchez & Josh Baker 	Date: 04/22/2019
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# Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	04/23/2019
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 I checked in with Susan Robb. Jesse briefs me on all of the work activity that happened last night during his shift. There are currently 3 pumps running on the service level, 1<sup>st</sup> floor hallway and the 2<sup>nd</sup> floor hallway. They are all running at 2.5 LPM and were started at 0600. The filters will be swapped out at 1400 and new filters will run until 2200.

0800 FM construction is currently working in B66, B70, B85 and B93. All areas were green and had no hazardous material.

0900 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1000 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1100 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1200 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1300 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1400 Navid arrives on site to read daily 1400 PCM air samples per NIOSH 582 standards. Results were sent to Susan Robb and Navid confirms daily sample log post. Air samples were posted on the 1<sup>st</sup> floor hallway near the elevator.

1500 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1600 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1700 omega breaks for chow, I will return at 1745.

1800 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.



## Field Logs

PAGE: 2

1900 Jesse arrives on site and was briefed on the daily work activity. Jesse assumes control of work site. He was given the key to the room and his parking validation. I am off site and checked out with Susan Robb.

Josh M. Baker  
*Josh M. Baker*





**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: 04/23/2019
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 Work activities during his shift. During the briefing Josh states the air samples have been placed on the service, 1 <sup>st</sup> and 2 <sup>nd</sup> floor. The low flow air pumps are constantly running at 2.5 LPM set at 1400 and will be demobilized At 2200 during Omega's 3 <sup>rd</sup> shift. At this time Josh Baker leaves site.
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 arrives on-site to start their work shift. Scope of work: work will consist of installing pipes for New fire system, demo tiles in rooms that do not have ACM present. Electricians will retro fit the light ballets on The 1 <sup>st</sup> + service floor. Omega demobilize air samples + set up a new batch of samples. Demobilized samples will Be read on-site using NIOSH 7400 method, when completed results will be sent to UCI Reps.
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 <sup>nd</sup> floor installing pipes for New fire system. Electricians continue to work on the 1 <sup>st</sup> floor retro fitting the light ballets.
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 <sup>nd</sup> floor. Air samples continue to run at 2.5 LPM away from any work.
0525	Omega prepares new set of samples before demobilizing current running samples.
0600	At this time Omega starts to demobilize air samples from service, 1 <sup>st</sup> and 2 <sup>nd</sup> floor to be read on-site using NIOSH 7400 method. Cosco continue to install pipes for new fire system on the 2 <sup>nd</sup> floor. New set of samples have been

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 04/23/2019
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**TIME AND ACTIVITY**

**Set on the service, 1<sup>st</sup> and 2<sup>nd</sup> floor running at 2.5 LPM.**

**0700 At this time Omega Josh Baker arrives on-site to start 7 am shift, 3<sup>rd</sup> 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: 04/23/2019



# Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	04 - 24 - 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 on site and checked in with Susan Robb. Jesse Briefs me on all events during the 1900-0700 shift. All pumps are consistently running at 2.5LPM and have been running since 0600. The filter media will be changed at 1400

0800 BNB is currently working on the basement area. They are installing the electrical system. All pumps are working. There is nothing unusual to report at this time.

0900 Omega performs a visual assessment on all pumps on all levels. During the daily morning meeting Jeremy ask me to have Omega mirror the work activity on the sample data sheet to the activity on the UCI construction calendar.

1000 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1100 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1200 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1300 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1400 Navid arrives on site to confirm and read PCM air samples. Susan was sent copies of both the sample data sheet and air sample results. The air sample results were posted on the 1<sup>st</sup> floor hallway near the elevators.

1500 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1600 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1700 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

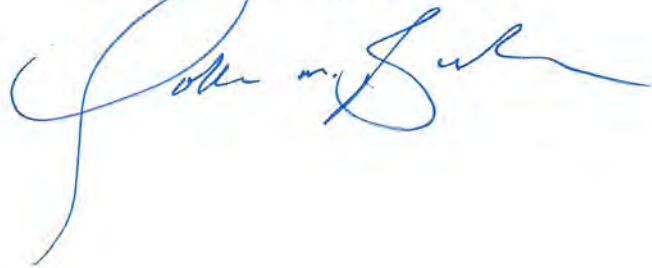


## Field Logs

PAGE: 2

1800 A visual assessment was performed. There were no odors or visible dust that was observed. All pumps are running, and filter media is intact.

1900 Jesse arrives on site and was briefed on the work done during the 0700 – 1900 shift. He was also informed about the changes on the sampled data sheet. Jesse assumes control of work site and Josh is off site.

Josh m. Baker  




**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: 04/24/2019
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 Jesse arrives on-site to start 7 pm shift + Josh Baker is on-site to give a brief summary of any activities During his shift. Josh informs Omega Jesse the locations of the air samples, which are on the service, 1 <sup>st</sup> and 2 <sup>nd</sup> Floor running at 2.5 LPM. At this time after getting briefed from Josh, he begins to leave site, Omega Jesse Remains on-site for the shift.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	Omega returns from walking the site, during the walk Omega did not observed any work activities occurring During the walk. Students have been walking throughout the hallways + in and out of classrooms.
2200	At this time Cosco + BNB arrive on-site to start their work shift. Scope of work: BNB will be installing ceiling tiles On the service floor + electricians will be working on the service floor retro fitting the light ballets. Cosco will be Installing pipes for new fire system on the 2 <sup>nd</sup> floor, this work will be in rooms where there are no ACM present. All air samples are away from any work activities occurring on service, 1 <sup>st</sup> and 2 <sup>nd</sup> floor. Omega Jesse demobilize Air samples and set up new batches on the service, 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> floor.
2300	At this time Omega sends results of air samples to UCI Reps. + Omega Rep. Navid Salari after analyzing them using NIOSH 7400 method.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	Omega returns from walking the site, Cosco continue to work on the 2 <sup>nd</sup> floor installing pipes for the new fire System. BNB continue to install ceiling tiles on the service floor + electricians also continue to retro fit the light Ballets on the service floor.
0200	At this time there are no issues to report, work continues to move forward. Air samples are nowhere near any Work activities.
0300	At this time Omega walks the site to check on the work + the air samples.
0400	Omega returns from walking the site, at this time there are no issues to report. Cosco continue to install pipes

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 04/24/2019
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**TIME AND ACTIVITY**

**On the 2<sup>nd</sup> floor for the new fire system. BNB at this time continue to install new ceiling tiles on the service floor.**

**At this time air samples continue to run at 2.5 LPM + are away from any work activities occurring on the service  
And 2<sup>nd</sup> floor.**

**0520 Omega prepares to set up new set of samples by labeling the PCM cassettes.**

**0600 At this time Omega begins to demobilize air samples and set up new batch of PCM cassettes for 8-hour  
Monitoring. Omega will be reading samples on-site using NIOSH 7400 method. Cosco continue to work on the  
2<sup>nd</sup> floor installing pipes for new fire system.**

**0700 At this time Omega Josh Baker arrives on-site to start his 7 am shift. Omega Jesse has read the air samples and  
Have sent the results to UCI Reps. + Omega Rep. Navid Salari. After posting results on-site on the 1<sup>st</sup> floor,  
Omega Jesse begins to leave site, Josh Baker remains on-site for his shift.**

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 04/24/2019



# Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	04/25/2019
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 the work activity that happened throughout the night.

0800 The paperwork was started for the sample data sheets and the daily data log.

0900 I walked through with Jeremy, Javier and Craig. During the meeting we discussed the daily work activities and what was next. I was asked if Omega had done a survey for the corridors on the service level. After I spoke to Jesse he informed me that the corridors were not included in the work plan and were not done.

1000 I walk the site. There is nothing new to report at this time. All pumps are running at 2.5Lpm and all filter media have an optimal angle.

1100 I spoke to Navid about the survey in the corridors and he said to have Jesse do it in the off hours.

1200 A tour of the site was made. There is nothing new or unusual to report at this time.

1300 A tour of the site was made. There is nothing new or unusual to report at this time.

1400 Navid arrives on site to read samples per NIOSH 582. He also confirms the results with Susan. The results were printed along with the sample data sheets. The daily log report was posted on the first floor near the elevator in the designated spot.

1500 A tour of the site was made. There is nothing new or unusual to report at this time.

1600 A tour of the site was made. There is nothing new or unusual to report at this time.

1700 A tour of the site was made. There is nothing new or unusual to report at this time.

1800 A tour of the site was made. There is nothing new or unusual to report at this time.

1900 I informed Jesse about the overnight survey of the corridors on the service level and informed him of the work activities that happened during the day shift. I checked out with Susan Robb and gave a general brief of all the work done today. I am off site.

Josh M. Baker  
*Josh M. Baker*



**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: 04/25/2019
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 Jesse arrives on-site to start 7 pm shift. Omega Josh Baker prepares to leave site, before leaving site Josh Gives a brief summary of any activities during his shift. Air samples are set up on the service, 1 <sup>st</sup> and 2 <sup>nd</sup> floor. Air Samples are running at 2.5 LPM, Omega will be reading PCM samples on-site using NIOSH 7400 method, air Samples will be demobilized at 2200. Josh leaves site after giving Omega Jesse a brief run down.
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 have been walking throughout the hallways, plus in and out of classrooms.
2200	At this time Cosco arrives on-site to start their work shift. Scope of work: work will consist of installing pipes for New fire system, demo tiles in rooms that do not have ACM present. Electricians will retro fit the light ballets on The 1 <sup>st</sup> + service floor. Omega demobilize air samples + set up a new batch of samples. Demobilized samples will Be read on-site using NIOSH 7400 method, when completed results will be sent to UCI Reps.
2300	At this time Omega has read the air samples and email the results to UCI Reps. + Omega Rep. Navid Salari.
2400	At this time Omega walks the site + conducts a visual of the service floor corridor to assess any fire proofing.
0100	Omega returns from assessment, Omega observed encased beams with fireproof & over spray on the deck + beams. It was also observed that the material was sprayed on with red encapsulation.
0200	At this time there are no issues to report, Omega sends pictures + description of the assessment to Omega Navid.
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 <sup>nd</sup> floor. Air samples continue to run at 2.5 LPM away from any work.
0525	Omega prepares new set of samples before demobilizing current running samples.
0600	At this time Omega starts to demobilize air samples from service, 1 <sup>st</sup> and 2 <sup>nd</sup> floor to be read on-site using NIOSH 7400 method. Cosco continue to install pipes for new fire system on the 2 <sup>nd</sup> floor. New set of samples have been

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 04/25/2019
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**TIME AND ACTIVITY**

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

0700 At this time Omega Josh Baker arrives on-site to start 7 am shift, 3<sup>rd</sup> 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: 04/25/2019



# Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	04/26/2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 Josh arrives on site to replace Jesse. Jesse briefs me on all the work activities that happened throughout the night. There are currently 3 pumps running on the service level, 1<sup>st</sup> floor hallway and the 2<sup>nd</sup> floor hallway. All are running at 2.5 LPM and will be stopped at 1400 and will resume at 0600 on Monday.

0800 there was no meeting today because it was Friday. All pumps are currently running and there is nothing unusual to report at this time

0900 A visual assessment was made at the service level, 1<sup>st</sup> floor and the 2<sup>nd</sup> floor. There is nothing unusual to report at this time.

1000 A visual assessment was made at the service level, 1<sup>st</sup> floor and the 2<sup>nd</sup> floor. There is nothing unusual to report at this time.

1100 A visual assessment was made at the service level, 1<sup>st</sup> floor and the 2<sup>nd</sup> floor. There is nothing unusual to report at this time.

1200 A visual assessment was made at the service level, 1<sup>st</sup> floor and the 2<sup>nd</sup> floor. There is nothing unusual to report at this time.

1300 Omega breaks for lunch and will return at 1330.

1400 Omega back on site and Navid arrives on site to read daily PCM air samples. The results were confirmed with Navid and Susan. The results will be posted on the 1<sup>st</sup> floor near the elevators.

Josh M. Baker



# 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**

**081718**

CLASS NUMBER / STARTING DATE

**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.

A handwritten signature in black ink, appearing to read "Armando Duccoing", is written over a horizontal line.

**ARMANDO DUCCOING**  
DIRECTOR

**September 21, 2018**  
COMPLETION DATE

**E091718NIOSH**      **091718**  
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 1926.1161 AND TITLE 8, CHAPTER 1529 AND TITLE 8, CCR 5208.

**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**

COURSE IS/CA 106 FOR PURPOSES OF COMPLIANCE WITH 29 CFR 1926.1103 AND  
TITLE 8 CCR 1524 AND TITLE 8 CCR 5100.

**ARMANDO DUCCOING**

DIRECTOR

**March 23, 2019**

**E032319CSR**

**032319**

**March 23, 2020**

COMPLETION DATE

CLASS NUMBER / STARTING DATE

CERTIFICATE EXPIRES

***Ecologics Training Institute***

**1012 Segovia Circle . Placentia, CA 92670 . Ph (714) 632-8100 . Fax (714) 632-8111 . [www.ecologicsonline.com](http://www.ecologicsonline.com)**