

August 22, 2019

**JAMES BULLOCK**  
**DEAN, SCHOOL OF PHYSICAL SCIENCES**

**RE: July 2019 Prevalent Level Air Monitoring Report for Rowland Hall**

Dear Dean Bullock,

The attached report from Omega Environmental, dated August 15, 2019, provides prevalent level air monitoring results for Rowland Hall during asbestos and non-asbestos related construction activities on the service level through fourth floor hallways during the period of July 22 through 26, 2019.

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 me via phone (949.824.4817) or email ([amsamala@uci.edu](mailto:amsamala@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](mailto: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,



Alvin Samala  
Manager, Industrial Hygiene, Chemical Safety, and Environmental Health  
Environmental Health and Safety

Attachment



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

Project Number 2019-3299UCI  
August 15, 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 black ink signature of Navid Salari, consisting of a long horizontal stroke with a loop and a vertical stroke crossing it.

Navid Salari

Sr. Project Manager, CAC #94-1597

A blue ink signature of Steve Rosas, featuring a stylized 'S' and 'R'.

Steve Rosas

Senior Project Manager

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) and Jesse Sanchez, an EPA-AHERA<sup>1</sup> Building Inspector and Contractor Supervisor, with Omega Environmental Services, Inc. (Omega) performed the air monitoring from July 22 through July 26, 2019. The monitoring was performed at the direction of UCI Environmental Health and Safety and managed by Navid Salari, a California Certified Asbestos Consultant (CAC# 94-1557) with Omega. 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)
07/22/19	1	Service floor hallway / Install pipes and Floor tiles	<0.002
07/22/19	2	1 <sup>st</sup> floor hallway / None	<0.002
07/22/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
07/22/19	4	Service floor hallway / None	<0.002
07/22/19	5	1 <sup>st</sup> floor hallway / None	<0.002
07/22/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
07/22-23/19	7	Service floor hallway / None	<0.002
07/22-23/19	8	1 <sup>st</sup> floor hallway / Spot abatement and installing ceiling tiles	<0.002
07/22-23/19	9	2 <sup>nd</sup> floor hallway / None	<0.002
07/23/19	1	Service floor hallway / Install pipes and Floor tiles	<0.002
07/23/19	2	1 <sup>st</sup> floor hallway / None	<0.002
07/23/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
07/23/19	4	Service 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)
07/23/19	5	1 <sup>st</sup> floor hallway / None	<0.002
07/23/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
07/23-24/19	7	Service floor hallway / None	<0.002
07/23-24/19	8	1 <sup>st</sup> floor hallway / Spot abatement and installing ceiling tiles	<0.002
07/23-24/19	9	2 <sup>nd</sup> floor hallway / Installing ceiling tiles	<0.002
07/23-24/19	10	3 <sup>rd</sup> floor hallway / None	<0.002
07/24/19	1	Service floor hallway / Installing wiring and framing	<0.002
07/24/19	2	1 <sup>st</sup> floor hallway / None	0.003
07/24/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
07/24/19	4	Service floor hallway / None	<0.002
07/24/19	5	1 <sup>st</sup> floor hallway / None	<0.002
07/24/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
07/24-25/19	7	Service floor hallway / None	<0.002
07/24-25/19	8	1 <sup>st</sup> floor hallway / spot abatement and installing ceiling tiles	0.003
07/24-25/19	9	2 <sup>nd</sup> floor hallway / None	<0.002
07/24-25/19	10	3 <sup>rd</sup> floor hallway / Installing ceiling tiles	<0.002
07/24-25/19	11	4 <sup>th</sup> floor hallway / None	<0.002
07/25/19	1	Service floor hallway / Installing wiring and framing	<0.002
07/25/19	2	1 <sup>st</sup> floor hallway / None	<0.002
07/25/19	3	2 <sup>nd</sup> floor hallway / None	<0.002
07/25/19	4	Service floor hallway / None	<0.002
07/25/19	5	1 <sup>st</sup> floor hallway / None	<0.002
07/25/19	6	2 <sup>nd</sup> floor hallway / None	<0.002
07/25-26/19	7	Service floor hallway / None	<0.002
07/25-26/19	8	1 <sup>st</sup> floor hallway / Spot abatement and installing ceiling tiles	<0.002
07/25-26/19	9	2 <sup>nd</sup> floor hallway / None	<0.002
07/25-26/19	10	3 <sup>rd</sup> floor hallway / Installing ceiling tiles	<0.002
07/25-26/19	11	4 <sup>th</sup> floor hallway / None	<0.002
07/26/19	1	Service floor hallway / Installing wiring and framing	<0.002
07/26/19	2	1 <sup>st</sup> floor hallway / None	<0.002
07/26/19	3	2 <sup>nd</sup> floor hallway / None	<0.002

*f/cc – Fibers per cubic centimeter*

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



Attachment A

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/22/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/22/19	

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*Prevalent 24/7 Air Monitoring Data 1<sup>st</sup> Shift*


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Sample ID: 1	Start time: 0605	End time: 1405
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing pipes + floor tiles	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 2	Start time: 0608	End time: 1408
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 3	Start time: 0610	End time: 1410
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	1
Signature	: Jesse Sanchez	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/22/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/22/19	

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*Prevalent 24/7 Air Monitoring Data 2<sup>nd</sup> Shift*

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Sample ID: 4	Start time: 1405	End time: 2205
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 0.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 5	Start time: 1408	End time: 2208
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 6	Start time: 1410	End time: 2210
<b>Sample location:</b> 2 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	2
Signature	: Jesse Sanchez	



Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/22/19 – 7/23/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/23/19	

*Prevalent 24/7 Air Monitoring Data 3<sup>rd</sup> Shift*

Sample ID: 7	Start time: 2205	End time: 0605
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		


Sample ID: 8	Start time: 2208	End time: 0608
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Spot abatement + installing ceiling tiles	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 9	Start time: 2210	End time: 0610
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 10	Start time: *	End time: *
<b>Sample location:</b> Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample ID: 11	Start time: *	End time: *
<b>Sample location:</b> Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	3
Signature	: Jesse Sanchez	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/23/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/23/19	

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*Prevalent 24/7 Air Monitoring Data 1<sup>st</sup> Shift*


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Sample ID: 1	Start time: 0605	End time: 1405
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing pipes + floor tiles	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 2	Start time: 0608	End time: 1408
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 3	Start time: 0610	End time: 1410
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	1
Signature	: Jesse Sanchez	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/23/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas	
Date Analyzed:	7/23/19	


*Prevalent 24/7 Air Monitoring Data 2<sup>nd</sup> Shift*

Sample ID: 4	Start time: 1405	End time: 2205
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 5	Start time: 1408	End time: 2208
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 6	Start time: 1410	End time: 2210
<b>Sample location:</b> 2 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Christopher Cañas	2
Signature	: Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/23/19 – 7/24/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/24/19	

*Prevalent 24/7 Air Monitoring Data 3<sup>rd</sup> Shift*

Sample ID: 7	Start time: 2205	End time: 0605
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		


Sample ID: 8	Start time: 2208	End time: 0608
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Spot abatement + installing ceiling tiles	No of fibers: 5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 9	Start time: 2210	End time: 0610
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing ceiling tiles	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 10	Start time: 2212	End time: 0612
<b>Sample location:</b> 3 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		


Sample ID: 11	Start time: *	End time: *
<b>Sample location:</b> Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	3
Signature	: Jesse Sanchez	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/23 - 24/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas	
Date Analyzed:	7/24/19	

Sample ID: 12	Start time: *	End time: *
<b>Sample location:</b> Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample name (print)	: Christopher Cañas	4
Signature	: Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/24/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/24/19	

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*Prevalent 24/7 Air Monitoring Data 1<sup>st</sup> Shift*


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Sample ID: 1	Start time: 0605	End time: 1405
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing wiring + Framing	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 2	Start time: 0608	End time: 1408
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 6.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
<b>Other comments:</b>		

Sample ID: 3	Start time: 0610	End time: 1410
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	1
Signature	: Jesse Sanchez	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/24/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas	
Date Analyzed:	7/24/19	

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*Prevalent 24/7 Air Monitoring Data 2<sup>nd</sup> Shift*


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Sample ID: 4	Start time: 1405	End time: 2205
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 5	Start time: 1408	End time: 2208
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 6	Start time: 1410	End time: 2210
<b>Sample location:</b> 2 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Christopher Cañas	2
Signature	: Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/24/19 – 7/25/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/25/19	

*Prevalent 24/7 Air Monitoring Data 3<sup>rd</sup> Shift*

Sample ID: 7	Start time: 2205	End time: 0605
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 8	Start time: 2208	End time: 0608
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Spot abatement + installing ceiling tiles	No of fibers: 7	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
<b>Other comments:</b>		


Sample ID: 9	Start time: 2210	End time: 0610
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 10	Start time: 2212	End time: 0612
<b>Sample location:</b> 3 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing ceiling tiles	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 11	Start time: 2214	End time: 0614
<b>Sample location:</b> 4 <sup>th</sup> floor hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	3
Signature	: Jesse Sanchez	




Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/24-25/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas	
Date Analyzed:	7/25/19	

Sample ID: 12	Start time: *	End time: *
<b>Sample location:</b> Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample ID: 13	Start time: *	End time: *
<b>Sample location:</b> Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample name (print)	: Christopher Cañas	4
Signature	: Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/25/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/25/19	

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*Prevalent 24/7 Air Monitoring Data 1<sup>st</sup> Shift*


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Sample ID: 1	Start time: 0605	End time: 1405
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing wiring and Framing	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 2	Start time: 0608	End time: 1408
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 3	Start time: 0610	End time: 1410
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	1
Signature	: Jesse Sanchez	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/25/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Christopher Cañas	
Date Analyzed:	7/25/19	

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*Prevalent 24/7 Air Monitoring Data 2<sup>nd</sup> Shift*


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Sample ID: 4	Start time: 1405	End time: 2205
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 0.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 5	Start time: 1408	End time: 2208
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 6	Start time: 1410	End time: 2210
<b>Sample location:</b> 2 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Christopher Cañas	2
Signature	: Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/25/19 – 7/26/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/26/19	

*Prevalent 24/7 Air Monitoring Data 3<sup>rd</sup> Shift*

Sample ID: 7	Start time: 2205	End time: 0605
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		


Sample ID: 8	Start time: 2208	End time: 0608
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Spot abatement + installing ceiling tiles	No of fibers: 5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 9	Start time: 2210	End time: 0610
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 10	Start time: 2212	End time: 0612
<b>Sample location:</b> 3 <sup>rd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing ceiling tiles	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 11	Start time: 2214	End time: 0614
<b>Sample location:</b> 4 <sup>th</sup> floor hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		


Sample name (print)	: Jesse Sanchez and Christopher Cañas	3
Signature	: Jesse Sanchez and Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/25/19 - 7/26/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/26/19	

Sample ID: 12	Start time: *	End time: *
<b>Sample location:</b> Field blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample ID: 13	Start time: *	End time: *
<b>Sample location:</b> Sealed blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity: None	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez and Christopher Cañas	4
Signature	: Jesse Sanchez and Christopher Cañas	

Project Number:	2019-3299UCI	
Project Site Address:	UC Irvine, Rowland Hall	
Sample Date:	7/26/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	7/26/19	

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*Prevalent 24/7 Air Monitoring Data 1<sup>st</sup> Shift*

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Sample ID: 1	Start time: 0605	End time: 1405
<b>Sample location:</b> Service Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: Installing wiring + Framing	No of fibers: 2.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 2	Start time: 0608	End time: 1408
<b>Sample location:</b> 1 <sup>st</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample ID: 3	Start time: 0610	End time: 1410
<b>Sample location:</b> 2 <sup>nd</sup> Floor Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1,200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
<b>Other comments:</b>		

Sample name (print)	: Jesse Sanchez	1
Signature	: Jesse Sanchez	



**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: 07/22/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

<b>0500</b>	<b>Omega Jesse Sanchez arrives on-site to start 5 am shift, Omega will prep samples that will be set up at 6 am + Omega will be walking the building to check on any work activities.</b>
<b>0605</b>	<b>Omega mobilize and set up PCM air samples on the service, 1<sup>st</sup> and 2<sup>nd</sup> floor. Scope of work: Work will consist of Today's work will consist of installing electrical, plumbing and framing on the service floor, Omega will be Checking on the work during the shift.</b>
<b>0700</b>	<b>Omega walks the site to check on the work on the service floor consisting of installing electrical, plumbing + Framing.</b>
<b>0800</b>	<b>No issues to report at this time, Work continues to move forward.</b>
<b>0900</b>	<b>Low flow air samples continue to flow at 2.5 LPM.</b>
<b>1000</b>	<b>Omega walks the job site to check on the samples + work activities.</b>
<b>1100</b>	<b>Low flow air samples continue to flow at 2.5 LPM + work continues to move forward.</b>
<b>1200</b>	<b>Students + staff continue to roam throughout the hallways.</b>
<b>1300</b>	<b>At this time Omega begins to prep PCM cassettes before demobilizing samples that have been set up on the Service, 1<sup>st</sup> and 2<sup>nd</sup> floor.</b>
<b>1405</b>	<b>Omega demobilize air samples and set up a new batch, PCM samples will analyzed using NIOSH 7400 method.</b>
<b>1500</b>	<b>Omega sends PCM results to UCI Reps. + Omega Rep. Navid Salari.</b>
<b>1600</b>	<b>There are no issues to report at this time, staff + students continue to roam throughout the hallways.</b>
<b>1700</b>	<b>At this time Omega Chris Cañas arrives on-site to relieve Omega Jesse, 5 am shift has ended for today.</b>

Omega Site Representative Signature: Jesse Sanchez	Date: 7/22/19
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# 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	7/22/2019	IH NAME	Christopher Cañas

5:00pm: Omega Representative Christopher Cañas on site.
8:00pm: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
10:00pm: New PCM cassettes have been placed on a set of pumps. They will run continuously into the 3 <sup>rd</sup> shift.
PCM cassettes are 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 1 <sup>st</sup> floor lobby near the elevators.
4:30am: Checked on Pumps; they are operating as intended. Checked on work; no issues or concerns.
5:00am: Omega Rep. now on site and will review the days scope of work with Christopher Cañas before he is relieved.
5:45am: Omega Representative Christopher Cañas reviewed project details with Omega staff and is now
leaving site.

Omega IH Signature: Christopher Cañas





**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: 07/23/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

<b>0500</b>	<b>Omega Jesse arrives on-site to start 5 am shift, Chris Cañas is relieved from site. At this time Omega walks the Site to check on each floor for any work activities.</b>
<b>0605</b>	<b>At this time ECG begin to leave the site, Omega begins to demobilize PCM air samples and set up new batch, Scope of work: Work will consist of electrical installation + framing on the service floor. Omega will be walking Throughout the floors to check on the samples + the work during the shift.</b>
<b>0700</b>	<b>At this time Omega sends PCM air results to UCI Rep. + Omega Rep. Navid Salari. Work continues to move Forward + students and staff are roaming throughout the hallways.</b>
<b>0800</b>	<b>No issues to report at this time, Work continues to move forward.</b>
<b>0900</b>	<b>Low flow air samples continue to flow at 2.5 LPM.</b>
<b>1000</b>	<b>No work to report at this time.</b>
<b>1100</b>	<b>Low flow air samples continue to flow at 2.5 LPM.</b>
<b>1200</b>	<b>Students + staff continue to roam throughout the hallways.</b>
<b>1305</b>	<b>At this time Omega begins to prep PCM cassettes before demobilizing samples that have been set up on the Service, 1<sup>st</sup> and 2<sup>nd</sup> floor.</b>
<b>1405</b>	<b>Omega demobilize air samples and set up a new batch, PCM samples will analyzed using NIOSH 7400 method.</b>
<b>1500</b>	<b>Omega sends PCM results to UCI Reps. + Omega Rep. Navid Salari.</b>
<b>1600</b>	<b>There are no issues to report at this time, staff + students continue to roam throughout the hallways.</b>
<b>1700</b>	<b>At this time Omega Chris Cañas arrives on-site to relieve Omega Jesse, 5 am shift has ended for today.</b>

Omega Site Representative Signature: Jesse Sanchez	Date: 7/23/19
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# 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	7/23/2019	IH NAME	Christopher Cañas

5:00pm: Omega Representative Christopher Cañas on site.
8:00pm: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
10:00pm: New PCM cassettes have been placed on a set of pumps. They will run continuously into the 3 <sup>rd</sup> shift.
PCM cassettes are read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were
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4:30am: Checked on Pumps; they are operating as intended. Checked on work; no issues or concerns.
5:00am: Omega Rep. now on site and will review the days scope of work with Christopher Cañas before he is relieved.
5:45am: Omega Representative Christopher Cañas reviewed project details with Omega staff and is now
leaving site.

Omega IH Signature: Christopher Cañas



**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: 07/24/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

**0500** Omega Jesse arrives on-site to start 5 am shift, Chris Cañas is relieved from site. At this time Omega walks the Site to check on each floor for any work activities.

**0605** At this time ECG begin to leave the site, Omega begins to demobilize PCM air samples and set up new batch, Scope of work: Work will consist of electrical installation + framing on the service floor. Omega will be walking Throughout the floors to check on the samples + the work during the shift.

**0700** At this time Omega sends PCM air results to UCI Rep. + Omega Rep. Navid Salari. Work continues to move Forward + students and staff are roaming throughout the hallways.

**0800** No issues to report at this time, Work continues to move forward.

**0900** Low flow air samples continue to flow at 2.5 LPM.

**1000** Omega walks the job site to check on the samples + work activities.

**1100** Low flow air samples continue to flow at 2.5 LPM + work continues to move forward.

**1200** Students + staff continue to roam throughout the hallways.

**1305** At this time Omega begins to prep PCM cassettes before demobilizing samples that have been set up on the Service, 1<sup>st</sup> and 2<sup>nd</sup> floor.

**1405** Omega demobilize air samples and set up a new batch, PCM samples will analyzed using NIOSH 7400 method.

**1500** Omega sends PCM results to UCI Reps. + Omega Rep. Navid Salari.

**1600** There are no issues to report at this time, staff + students continue to roam throughout the hallways.

**1700** At this time Omega Chris Cañas arrives on-site to relieve Omega Jesse, 5 am shift has ended for today.

Omega Site Representative Signature: Jesse Sanchez	Date: 7/24/19
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# 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	7/24/2019	IH NAME	Christopher Cañas

5:00pm: Omega Representative Christopher Cañas on site.
8:00pm: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
10:00pm: New PCM cassettes have been placed on a set of pumps. They will run continuously into the 3 <sup>rd</sup> shift.
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5:45am: Omega Representative Christopher Cañas reviewed project details with Omega staff and is now
leaving site.

Omega IH Signature: Christopher Cañas



**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: 07/25/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

<b>0500</b>	<b>Omega Jesse arrives on-site to start 5 am shift, Chris Cañas is relieved from site. At this time Omega walks the Site to check on each floor for any work activities.</b>
<b>0605</b>	<b>At this time ECG begin to leave the site, Omega begins to demobilize PCM air samples and set up new batch, Scope of work: Work will consist of electrical installation + framing on the service floor. Omega will be walking Throughout the floors to check on the samples + the work during the shift.</b>
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<b>1100</b>	<b>Low flow air samples continue to flow at 2.5 LPM + work continues to move forward.</b>
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<b>1405</b>	<b>Omega demobilize air samples and set up a new batch, PCM samples will analyzed using NIOSH 7400 method.</b>
<b>1500</b>	<b>Omega sends PCM results to UCI Reps. + Omega Rep. Navid Salari.</b>
<b>1600</b>	<b>There are no issues to report at this time, staff + students continue to roam throughout the hallways.</b>
<b>1700</b>	<b>At this time Omega Chris Cañas arrives on-site to relieve Omega Jesse, 5 am shift has ended for today.</b>

Omega Site Representative Signature: Jesse Sanchez	Date: 7/25/19
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# 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	7/25/2019	IH NAME	Christopher Cañas

5:00pm: Omega Representative Christopher Cañas on site.
8:00pm: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.
10:00pm: New PCM cassettes have been placed on a set of pumps. They will run continuously into the 3 <sup>rd</sup> shift.
PCM cassettes are read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were
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5:00am: Omega Rep. now on site and will review the days scope of work with Christopher Cañas before he is relieved.
5:45am: Omega Representative Christopher Cañas reviewed project details with Omega staff and is now
leaving site.

Omega IH Signature: Christopher Cañas



**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: 07/26/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

**TIME AND ACTIVITY**

<b>0500</b>	<b>Omega Jesse arrives on-site to start 5 am shift, Chris Cañas is relieved from site. At this time Omega walks the Site to check on each floor for any work activities.</b>
<b>0605</b>	<b>At this time ECG begin to leave the site, Omega begins to demobilize PCM air samples and set up new batch, Scope of work: Work will consist of electrical installation + framing on the service floor. Omega will be walking Throughout the floors to check on the samples + the work during the shift.</b>
<b>0700</b>	<b>At this time Omega sends PCM air results to UCI Rep. + Omega Rep. Navid Salari. Work continues to move Forward + students and staff are roaming throughout the hallways.</b>
<b>0800</b>	<b>No issues to report at this time, Work continues to move forward.</b>
<b>0900</b>	<b>Low flow air samples continue to flow at 2.5 LPM.</b>
<b>1000</b>	<b>Omega walks the job site to check on the samples + work activities.</b>
<b>1100</b>	<b>Low flow air samples continue to flow at 2.5 LPM + work continues to move forward.</b>
<b>1200</b>	<b>Students + staff continue to roam throughout the hallways.</b>
<b>1305</b>	<b>At this time Omega begins to prep PCM cassettes before demobilizing samples that have been set up on the Service, 1<sup>st</sup> and 2<sup>nd</sup> floor.</b>
<b>1405</b>	<b>Omega demobilize air samples and set up a new batch, PCM samples will analyzed using NIOSH 7400 method.</b>
<b>1500</b>	<b>Omega sends PCM results to UCI Reps. + Omega Rep. Navid Salari. Shift has ended for today Omega off site.</b>

Omega Site Representative Signature: Jesse Sanchez	Date: 7/26/19
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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*

CERTIFICATE NUMBER

**32297**

*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 CCR 1529 AND TITLE 8 CCR 5208.

**ARMANDO DUCOING**

DIRECTOR

**September 21, 2018**

COMPLETION DATE

**E091718NIOSH**

**091718**

CLASS NUMBER / STARTING DATE

CERTIFICATE EXPIRES

***Ecologics Training Institute***

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.