

May 31, 2019

KENNETH C. JANDA
DEAN, SCHOOL OF PHYSICAL SCIENCES

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

Dear Dean Janda,

The attached report from Omega Environmental, dated May 24, 2019, provides prevalent 24/7 air monitoring results for Rowland Hall, including during non-asbestos-related construction activities, for the period of May 6 through 10, 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 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 24, 2019

Prepared For:

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

Prepared By:

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

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

Navid Salari

Sr. Project Manager, CAC #94-1597

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

Steve Rosas

Principal, CAC #92-0284



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ATTACHMENT A

PCM Air Sample Results, Daily Notes and Inspectors' Certifications

1. EXECUTIVE SUMMARY

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

Christopher Canas, a California Certified Site Surveillance Technician (CSST #16-5978), and Jesse Sanchez and Josh Baker (EPA-AHERA¹ Building inspectors and Contractor Supervisors), with Omega Environmental Services, Inc. (Omega) performed the air monitoring from May 6 through May 10, 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-582² certified and analyzed the collected air samples at the site. Table 1 provides a summary of the air sample results:

Table 1 - Air Sample Results

Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
05/06/19	1	Service floor hallway / FM construction in assigned area, drywall/electrical install	0.002
05/06/19	2	1 st floor hallway / None	<0.002
05/06/19	3	2 nd floor hallway / None	<0.002
05/06/19	4	Service floor hallway / None	<0.002
05/06/19	5	1 st floor hallway / None	<0.002
05/06/19	6	2 nd floor hallway / None	<0.002
05/06-07/19	7	Service floor hallway / Installing pipes and ceiling tiles	<0.002
05/06-07/19	8	1 st floor hallway / None	<0.002
05/06-07/19	9	2 nd floor hallway / Installing pipes	<0.002
05/06-07/19	10	3 rd floor hallway / None	<0.002
05/06-07/19	11	4 th floor hallway / Abatement prep and plaster demolition	0.003
05/06-07/19	12	5 th floor hallway / None	<0.002

¹ Asbestos Hazard Emergency Response Act

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



Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
05/07/19	1	Service floor hallway / FM construction in assigned area	<0.002
05/07/19	2	1 st floor hallway / None	0.002
05/07/19	3	2 nd floor hallway / None	<0.002
05/07/19	4	Service floor hallway / None	<0.002
05/07/19	5	1 st floor hallway / None	<0.002
05/07/19	6	2 nd floor hallway / None	<0.002
05/07-08/19	7	Service floor, hallway / Installing pipes	<0.002
05/07-08/19	8	1 st floor, hallway / None	<0.002
05/07-08/19	9	2 nd floor, hallway / Plaster Demolition	<0.002
05/07-08/19	10	3 rd floor, hallway / None	<0.002
05/07-08/19	11	4 th floor, hallway / Abatement prep and plaster demolition	0.002
05/07-08/19	12	5 th floor, hallway / None	<0.002
05/08/19	1	Service floor hallway / FM construction in assigned area, drywall and electrical install	<0.002
05/08/19	2	1 st floor hallway / None	<0.002
05/08/19	3	2 nd floor hallway / None	<0.002
05/08/19	4	Service floor, hallway / None	<0.002
05/08/19	5	1 st floor, hallway / None	<0.002
05/08/19	6	2 nd floor hallway / None	<0.002
05/08-09/19	7	Service floor hallway / Installing pipes and ceiling tiles	<0.002
05/08-09/19	8	1 st floor hallway / None	<0.002
05/08-09/19	9	2 nd floor hallway / Installing pipes	<0.002
05/08-09/19	10	3 rd floor hallway / None	<0.002
05/08-09/19	11	4 th floor hallway / Abatement prep and plaster demolition	<0.002
05/08-09/19	12	5 th floor hallway / None	<0.002
05/09/19	1	Service floor hallway / FM construction in assigned area, drywall and electrical install	0.003
05/09/19	2	1 st floor hallway / None	0.004
05/09/19	3	2 nd floor hallway / None	<0.002
05/09/19	4	Service floor hallway / None	<0.002
05/09/19	5	1 st floor hallway / None	<0.002
05/09/19	6	2 nd floor hallway / None	<0.002
05/09-10/19	7	Service floor hallway / Installing pipes	<0.002
05/09-10/19	8	1 st floor hallway / None	<0.002
05/09-10/19	9	2 nd floor hallway / None	<0.002
05/09-10/19	10	3 rd floor hallway / None	<0.002
05/09-10/19	11	4 th floor hallway / plaster demolition, stairs	<0.002
05/09-10/19	12	5 th floor hallway / None	<0.002
05/10/19	1	Service floor hallway / FM construction in assigned area. Drywall/electrical install	0.004
05/10/19	2	1 st floor hallway / None	0.002



Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
05/10/19	3	2 nd floor hallway / None	<0.002


f/cc – Fibers per cubic centimeter

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



Attachment A

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/06/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/06/2019	

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: 6	No of fields: 100
Drywall/ electrical install	Airborne fiber concentration (fibers/cc): 0.002	
Other comments:		

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

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	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, N. Salari	
Signature	: Josh Baker, N. Salari	Page <u> 1 </u> of <u> 1 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/6/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/6/19	

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

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

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 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, J. Baker	
Signature	: Jesse Sanchez, J. Baker	Page <u> 1 </u> of <u> 1 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/6 –7/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/7/19	

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

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes	No of fibers: 3	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	


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

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 th floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Abatement prep + Plaster demo.	No of fibers: 7	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): 0.003	

Sample ID: 12	Start time: 2202	End time: 0602
Sample location: 5 th 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 name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u> 1 </u> of <u> 1 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/6 – 5/7/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/7/19	

Sample ID: 13	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: 14	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:	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 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>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/07/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/072019	

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

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

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	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)	: Josh Baker, N. Salari	
Signature	: Josh Baker , N. Salari	Page <u> 1 </u> of <u> 1 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/7/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/7/19	

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 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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


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

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

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

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

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/7-8/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/8/19	

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

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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


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

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 th floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Abatement prep + Plaster demo.	No of fibers: 6	No of fields: 100
Installing pipes	Airborne fiber concentration (fibers/cc): 0.002	
Other comments:		

Sample ID: 12	Start time: 2202	End time: 0602
Sample location: 5 th 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 name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u> 1 </u> of <u> 2 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/7 – 5/8/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/8/19	

Sample ID: 13	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: 14	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:	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 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> 2 </u> of <u> 2 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/08/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/08/2019	

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: 2	No of fields: 100
Drywall/ electrical install	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

Sample ID: 03	Start time: 0600	End time: 1400
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	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, N. Salari	
Signature	: Josh Baker, N. Salari	Page <u> 1 </u> of <u> 1 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/8/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/8/19	

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 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 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)	: Jesse Sanchez, Josh Baker	
Signature	: Jesse Sanchez, Josh Baker	Page <u> 1 </u> of <u> 1 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/8-9/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/9/19	

Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes + installing ceiling Tiles	No of fibers: 2	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 2	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes	No of fibers: 4.5	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	


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

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 th floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Abatement prep + Plaster demo.	No of fibers: 3	No of fields: 100
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample ID: 12	Start time: 2202	End time: 0602
Sample location: 5 th 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
Other comments:	Airborne fiber concentration (fibers/cc): <0.002	

Sample name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u> 1 </u> of <u> 2 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/8-9/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/9/19	

Sample ID: 13	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: 14	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:	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 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> 2 </u> of <u> 2 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/09/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/09/2019	

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: 8	No of fields: 100
Drywall/ electrical install	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

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


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

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

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

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

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/9 /19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/9/19	

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: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

Sample ID: 06	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


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

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

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

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

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/9-10/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/10/19	

Sample ID: 07	Start time: 2200	End time: 0600
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Installing pipes	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 08	Start time: 2200	End time: 0600
Sample location: 1 st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2 nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: none	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		


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

Sample ID: 11	Start time: 2202	End time: 0602
Sample location: 4 th floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Plaster demolition, stairs	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 12	Start time: 2202	End time: 0602
Sample location: 5 th 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 name (print)	: Jesse Sanchez	
Signature	: Jesse Sanchez	Page <u> 1 </u> of <u> 2 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	5/9 – 5/10/19	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	Jesse Sanchez	
Date Analyzed:	5/10/19	

Sample ID: 13	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: 14	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:	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 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> 2 </u> of <u> 2 </u>

Prevalent 24/7 Air Monitoring Data (PCM)

Project Number:	2019-3299UCI	
Project Site Address:	Rowland Hall UCI Irvine, CA	
Sample Date:	05/10/2019	
Analysis type:	PCM (NIOSH 7400A)	
Analysis by:	NS	
Date Analyzed:	05/10/2019	

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: 11	No of fields: 100
Drywall/ electrical install	Airborne fiber concentration (fibers/cc): 0.004	
Other comments:		

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

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

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

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

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

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



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/06/2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0600 I arrive on site and check in with Susan Robb. There were 3 pumps that were started on the service level, 1st floor hallway and the 2nd floor hallway. They are all running at 2.5 LPM and will be stopped at 1400.

0700 FM construction is in the SL. They are installing drywall and installing support hangers and electrical conduit.

0800 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

0900 I walked with Javier and Chris. There were no new changes made to the work schedule.

1000 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1100 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1200 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1300 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1400 Navid arrives on site to read and confirm daily PCM samples. Susan Robb confirms the daily log and posting. The log was posted on the 1st floor near the elevators.

1500 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1600 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1700 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1800 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1900 Jesse arrives on site and was updated on work activities that were going on during the day shift. I am off site and checked out with Susan Robb.

J. Baker
5/6/19



Omega Environmental Services, Inc.

Daily Field Log

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

Project Number: 2019-3299UCI	Date: 05/6/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez, Chris Canas &
Project Address: Rowland Hall UCI Irvine, CA	Josh Baker
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

- 1900** Omega Jesse Sanchez arrives on-site to start 7 pm, Omega Rep. Josh Baker is on-site for 7 am – 7 pm shift. At this Time Omega Josh gives a brief summary of any activities that occurred during his shift. PCM air samples are set Up on the service, 1st and 2nd floor running at 2.5 LPM. Josh begins to leave the site, Omega Jesse remains on Site for 7 pm – 7 am shift.
- 2000** Omega mobilize and walk the site to check on any activities occurring near the air samples.
- 2100** At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students Are walking throughout the hallways and in and out of classrooms.
- 2200** At this time Omega demobilize air samples and set up new batch of PCM samples. PCM cassettes will be analyzed On-site using NIOSH 7400 method. Omega Chris Canas + ECG arrive on-site to start their work shift, Scope of Work: ECG will be prepping the restrooms on the 4th floor + room 411, Chris Canas will be monitoring this job. Cosco + BNB arrive on-site, Scope of work: Cosco will be installing pipes and bracing on the service, 2nd and 4th Floor, BNB will be installing ceiling tiles on the service floor + assist ECG with any misc. work regarding to any Prep issues. Cosco will also be installing pipes throughout the stairs.
- 2300** Omega walks each floor to check on the work + the air samples.
- 2400** Work continues to move forward, ECG continue to prep their work air as Chris Canas monitors the work. Cosco Continue to install pipes throughout their assigned work areas. No issues to report concerning any of the air Samples or work.
- 0100** At this time there are no more UCI students or staff roaming the hallways or coming in and out of classrooms.
- 0200** Work continues to move forward no issues to report at this time.
- 0330** Cosco's Jon informs Omega that they will not be able to provide keys until after 5 am.

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 05/6/2019
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TIME AND ACTIVITY

0430 Omega walks the site to visually inspect the work occurring on each floor.

0510 At this time Omega returns from walking the site, Cosco continue to install pipes on the service, 1st, 2nd and 4th Floor. BNB continue to demo plaster at the stairs on the 4th floor to expose pipes for Cosco.

0600 At this time Omega set up new batch of PCM samples on the service, 1st and 2nd floor.

0700 At this time Omega has posted the air sample results + samples have been sent to UCI Reps. Omega Josh Baker Arrives on-site to start 7am shift, Omega Jesse gives a brief summary of the work activity during the shift. Omega Jesse begins to leave site, Josh will remain on-site to complete his shift. Note: A UCI Rep. will come on-site to Pick up bulk samples that were collected during the shift.

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 05/6/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/07/2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 I arrive on site and checked in with Susan Robb. Jesse briefs me on all activities that were performed during the night shift. There are 3 pumps running on the service level, 1st floor and the 2nd floor. They are currently running at 2.5 LPM and will be changed out at 1400.

0800 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

0900 Daily walk was made with Javier and Chris. There were no new changes. The work schedule remains the same.

1000 I Meet Susan in the loading dock to hand off 15 samples and the sample sheet for the survey that was performed on the service hallway in between the elevators.

1100 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1200 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1300 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1400 Navid arrives on site to read PCM samples and confirm results. Susan confirms both PCM sample log and the daily posting. The daily posting was posted on the 1st floor near the elevators.

1500 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1600 Omega breaks for chow and will return at 1645 to resume post in Rowland Hall.

1700 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1800 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1900 Jesse arrives on site and was briefed on all work activity that was performed throughout the day. I check out with Susan Robb and I am off site.

J. Baker
5/7/19



Omega Environmental Services, Inc.

Daily Field Log

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

Project Number: 2019-3299UCI	Date: 05/7/2019
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 Rep. Jesse Sanchez arrives on-site to start 7 pm shift. Josh Baker gives a brief summary of Any activities during his shift, PCM air samples have been placed on the service, 1st, and 2nd floor; all low flow air Pumps are running at 2.5 LPM. Air samples will be demobilized at 2200 to be read on-site using NIOSH 7400 Method.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, there are no work activities occurring at this time except UCI students were observed walking throughout the hallways + in and out of classrooms. Air pumps are ok from Any work activities and are still running at 2.5 LPM.
2200	Omega demobilize PCM air samples and set up a new batch of samples. ECG + Omega Chris Canas arrive on-site To start their work shift, Scope of work: ECG will be working in room 411 + Cosco will be installing pipes on the 4th and service floor. BNB will be demoing plaster throughout the stairs.
2300	At this time PCM air results are sent to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega walks the work site to check on the work.
0100	At this time there are no issues to report, work continues to move forward.
0200	Omega checks on the work occurring on the assigned floors to check on any issues.
0300	At this time there are no issues to report, work continues to move forward.
0400	Cosco continue to install pipes, ECG continue to work in room 411 no issues to report at this time.
0500	No activities in the hallways at this time, there are no UCI students walking throughout the hallways. Omega prep PCM cassettes to set up at 0600.
0600	At this time Omega demobilize PCM air samples and set up new batch, air samples will be analyzed and posted On the 1st floor.
0700	At this time Omega Josh baker arrives on-site, Omega Jesse gives a brief summary of any work activities

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 05/7/2019
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TIME AND ACTIVITY

During the shift, at this time Omega Jesse begins to leave the work site. Omega Josh Baker remains on-site for

His shift, all PCM air results have been sent to UCI Reps. + Omega Rep. Navid Salari.

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 05/7/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/08/2019
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. Jesse briefs me on all the work activity that was performed during the night shift. There is currently 3 pumps running on the Service level, 1st floor and the 2nd floor.

0800 I walked the work area. There is nothing to report at this time. All remains the same.

1000 I walked the work area. There is nothing to report at this time. All remains the same.

1100 I walked the work area. There is nothing to report at this time. All remains the same.

1300 I walked the work area. There is nothing to report at this time. All remains the same.

1400 Navid arrives on site to read and confirm the daily PCM data sheet. Copies of both the daily log and the data sheet was sent to Susan. Susan reports that the website has been updated. Daily log was posted on the 1st floor near the elevators.

1500 I walked the work area. There is nothing to report at this time. All remains the same.

1600 I walked the work area. There is nothing to report at this time. All remains the same.

1700 I walked the work area. There is nothing to report at this time. All remains the same.

1800 I walked the work area. There is nothing to report at this time. All remains the same.

1900 Jesse arrives on site and was briefed on all work activity that was performed throughout the day. I check out with Susan Robb and I am off site.

J. Baker
5/8/19



Omega Environmental Services, Inc.

Daily Field Log

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

Project Number: 2019-3299UCI	Date: 05/8/2019
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 Sanchez arrives on-site to start 7 pm shift. Omega Josh Baker gives a brief summary
	Of any work activities during his shift, PCM air samples have been placed on the service, 1st and 2nd floor; all
	Low flow air pumps are running at 2.5 LPM. Air samples started at 1400 and will be demobilized with a new
	Batch at 2200.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students
	Are walking throughout the hallways and in and out of classrooms.
2200	Omega demobilize PCM air and set up new batch of samples. ECG + Omega Chris Canas arrive on-site to start
	Their work shift. Scope of work: ECG will be setting up containment + start to demo and demobilize ceiling tiles.
	Cosco will be installing pipes on the service and 4th floor. BNB will be demoing plaster on the stairs throughout
	The floors.
2300	Omega has analyzed the air samples and emailed the results to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	At this time Omega observed ECG loading out ceiling tiles + Cosco continue to install pipes on the service + 4th
	Floor, BNB continue to demo plaster.
0200	At this time there are no issues to report, work continues to move forward.
0300	Air samples continue to flow at 2.5 LPM, no work is occurring near any air samples.
0400	Omega walks the site to visual check the air samples in the hallways + the work that is occurring on the service,
	1st and 2nd floor.
0525	Work continues to move forward no issues to report at this time, Omega prepares new batch of PCM cassettes.
0600	At this time Omega starts to demobilize air samples from service, 1st, 2nd, 3rd, 4th, and 5th floor to be analyzed using
	NIOSH 7400 method on-site. Omega will complete daily post sheet + air log to post on the 1st floor + send to UCI

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 05/8/2019
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TIME AND ACTIVITY

Reps.

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

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 05/8/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/09/2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299UCI
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0700 I arrive on site and checked in with Susan Robb. Jesse briefs me on all activities that were performed during the night shift. There are 3 pumps running on the service level, 1st floor and the 2nd floor. They are currently running at 2.5 LPM and will be changed out at 1400.

0800 I tour the service level and find FM construction working in B55 and surrounding rooms. They are sanding drywall. This could generate an elevated fiber count on the PCM in the service level.

0900 Work site photos was sent to Susan Robb via text.

1000 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1100 I created a separate daily log for room 411. This will be posted outside of the containment daily.

1200 Daily morning walk was made with Javier and Chris.

1300 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1400 Navid arrives on site to read and confirm samples. Pictures were sent to Susan and the website was uploaded. Daily log was posted on the 1st floor near the elevators.

1500 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1600 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1700 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1800 Omega walks site. All pumps are functioning and there is nothing new to report at this time.

1900 Jesse arrives on site and was briefed on all work activity that was performed throughout the day. I check out with Susan Robb and I am off site.

J. Baker
5/9/19



Omega Environmental Services, Inc.

Daily Field Log

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

Project Number: 2019-3299UCI	Date: 05/9/2019
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 is on-site and is relieved to leave site. Omega Josh Gives a brief summary of any work activity that occurred during his shift, Josh states that he has set 3 PCM air Samples on the service, 1st and 2nd floor running at 2.5 LPM. At this time Josh Baker begins to leave site, Omega Jesse remains on-site for the remaining of the shift.
2000	Omega mobilize and walk the site to check on any activities occurring near the air samples.
2100	At this time Omega returns from walking the site, during the walk there was no work occurring, but UCI students Are walking throughout the hallways and in and out of classrooms.
2200	At this time Omega demobilize PCM air samples, Omega will analyze the air samples using NIOSH 7400 method On-site. ECG + Omega Chris Canas arrive on-site to start their work shift, scope of work: ECG will be working On the 4th floor working on spot abatement + Chris will be monitoring the job. Cosco will be installing pipes on The service and 4th floor, BNB will be demoing plaster throughout the stairs.
2300	Omega has analyzed the air samples and emailed the results to UCI Reps. + Omega Rep. Navid Salari.
2400	Omega mobilize and walk the site to check on any activities occurring near the air samples.
0100	Omega returns from walking the site, as Omega observed ECG assisting BNB with emission control, Cosco Continue to install pipes on the service, 4th and throughout the stairs.
0200	At this time there are no issues to report, work continues to move forward.
0300	Air samples continue to flow at 2.5 LPM, no work is occurring near any air samples.
0400	Omega walks the site to visual check the air samples in the hallways + the work that is occurring on the service, ,4th and stairs.
0525	Work continues to move forward no issues to report at this time, Omega prepares new batch of PCM cassettes.
0600	At this time Omega starts to demobilize air samples throughout the floors to be analyzed using NIOSH 7400 method on-site. Omega will complete daily post sheet + air log to post on the 1st floor + send to UCI

Omega Site Representative Signature: Jesse Sanchez & Josh Baker	Date: 05/9/2019
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TIME AND ACTIVITY

Reps.

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

Omega Site Representative Signature: Jesse Sanchez & Josh Baker

Date: 05/9/2019



Field Logs

PAGE: 1

PROJECT NAME	UCI - Rowland hall	DATE	05/10/2019
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. Jesse briefs me on all the work activity that was performed during the night shift. There are currently 3 pumps running on the Service level, 1st floor and the 2nd floor. FM construction is working in the service level installing cabinets and vent hoods. This was continued from yesterday.

0800 I walked the work area. There is nothing to report at this time. All remains the same.

0900 I walked the work area. There is nothing to report at this time. All remains the same.

1000 I walked the work area. There is nothing to report at this time. All remains the same.

1100 I walked the work area. There is nothing to report at this time. All remains the same.

1200 I walked the work area. There is nothing to report at this time. All remains the same.

1300 I walked the work area. There is nothing to report at this time. All remains the same.

1400 Navid arrives on site to read and confirm the daily PCM data sheet. Copies of both the daily log and the data sheet was sent to Susan. Susan reports that the website has been updated. Daily log was posted on the 1st floor near the elevators.

1500 I checked out with Susan Robb and I am off site.

J. Baker
5/10/19

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

Christopher E Canas

Name

Certification No. 16-5978

Expires on 08/16/19



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

Asbestos Training Program

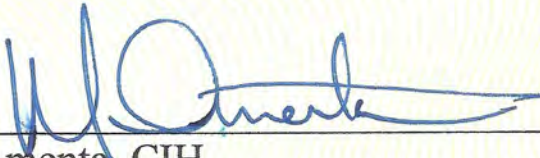
This is to certify

Christopher Canas

Has successfully completed 40 hours
of formal training entitled

**NIOSH 582
Equivalency**

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

Director: 
Walter T. Amenta, CIH

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



Certificate of Attendance

CERTIFICATE NUMBER

89016

This is to Certify that

JESSE SANCHEZ

Has Completed the Course of

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

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

ARMANDO DUCOING

DIRECTOR

August 31, 2018

COMPLETION DATE

E083118CSR

CLASS NUMBER / STARTING DATE

083118

August 31, 2019

CERTIFICATE EXPIRES

Ecologics Training Institute



Certificate of Attendance

CERTIFICATE NUMBER

79041

This is to Certify that

JESSE SANCHEZ

Has Completed the Course of

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

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

ARMANDO DUCOING

DIRECTOR

August 17, 2018

COMPLETION DATE

E081718BIR

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.

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 1926.1101 AND TITLE 8, CHAPTER 1529 AND TITLE 8, CCR 5208.

ARMANDO DUCCOING

DIRECTOR

April 12, 2019

E041219BIR

041219

April 12, 2020

COMPLETION DATE

CLASS NUMBER / STARTING DATE

CERTIFICATE EXPIRES

Ecologics Training Institute

1012 Segovia Circle . Pleasanton, CA 94570 . Ph (714) 632-9100 . Fax (714) 632-8111 . www.ecologicsonline.com



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

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.

Applied Petrography Incorporated

This is to certify
that

Navid Salari

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

NIOSH 582

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

Course # 910927-1

SS# - -

Wanda C. Wray
Director

Ch. George P.
President