Marc Gomez
Assistant Vice-Chancellor
Environmental Health & Safety
4600 Health Sciences Rd., Irvine, CA 92697-2725

May 2, 2019

KENNETH C. JANDA
DEAN, SCHOOL OF PHYSICAL SCIENCES

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

Dear Dean Janda,

The attached report from Omega Environmental, dated April 30, 2019, provides April 15 – 19, 2019 prevalent 24/7 air monitoring results for Rowland Hall, including during non-asbestos-related construction activities.

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

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

If you have any questions regarding the construction activities on the fifth floor of 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
April 30, 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

Navid Salari
Sr. Project Manager, CAC #94-1597

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.

Chris Canas, a California Certified Site Surveillance Technician (CSST #16-5978), and Jesse Sanchez and Josh Baker an (EPA-AHERA[1] Building inspectors), with Omega Environmental Services, Inc. (Omega) performed the air monitoring from April 15 through April 19, 2019. Attachment A includes copies of the air sample results, daily notes and inspectors' certifications.

2. AIR SAMPLE RESULTS

Area air samples were collected at select locations in the building each work shift. The purpose of the area air monitoring was to measure the airborne fiber concentrations in the subject building. Analyses was 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[2] certified and analyzed the collected air samples at the site. Table 1 provides a summary of the air sample results:

Table 1 - Air Sample Results

Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/15/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/15/19	2	1st floor hallway / None	<0.002
04/15/19	3	2nd floor hallway / None	<0.002
04/15/19	4	Service floor hallway / None	<0.002
04/15/19	5	1st floor hallway / None	<0.002
04/15/19	6	2nd floor hallway / None	<0.002
04/15-16/19	7	Service floor hallway / Cosco installing fire system	<0.002
04/15-16/19	8	1st floor hallway / Retrofit lights	<0.002
04/15-16/19	9	2nd floor hallway / Cosco installing fire system, Retrofit lights	<0.002
04/15-16/19	10	3rd floor hallway / None	<0.002
04/16/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/16/19	2	1st floor hallway / None	<0.002
04/16/19	3	2nd floor hallway / None	<0.002
04/16/19	4	Service floor hallway / None	<0.002
04/16/19	5	1st floor hallway / None	<0.002

[1] Asbestos Hazard Emergency Response Act

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

Date	Sample #	Sample Locations / Work Activity	Result (f/cc)
04/16/19	6	2nd floor hallway / None	<0.002
04/16-17/19	7	Service floor, hallway / Cosco installing fire system	<0.002
04/16-17/19	8	1st floor, hallway / Retrofit lights	<0.002
04/16-17/19	9	2nd floor, hallway / Cosco installing fire system, Retrofit lights	<0.002
04/16-17/19	10	3rd floor, hallway / None	<0.002
04/17/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/17/19	2	1st floor hallway / None	<0.002
04/17/19	3	2nd floor hallway / None	<0.002
04/17/19	4	Service floor, hallway / None	<0.002
04/17/19	5	1st floor, hallway / None	<0.002
04/17/19	6	2nd floor hallway / None	<0.002
04/17-18/19	7	Service floor hallway / Cosco installing fire system	<0.002
04/17-18/19	8	1st floor hallway / Retrofit lights	<0.002
04/17-18/19	9	2nd floor hallway / Cosco installing fire system	<0.002
04/17-18/19	10	3rd floor hallway / None	<0.002
04/18/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/18/19	2	1st floor hallway / None	<0.002
04/18/19	3	2nd floor hallway / None	<0.002
04/18/19	4	Service floor hallway / None	<0.002
04/18/19	5	1st floor hallway / None	<0.002
04/18/19	6	2nd floor hallway / None	<0.002
04/18-19/19	7	Service floor hallway / BNB & Cosco installing fire system	<0.002
04/18-19/19	8	1st floor hallway / Retrofit lights	<0.002
04/18-19/19	9	2nd floor hallway / BNB & Cosco installing fire system	<0.002
04/18-19/19	10	3rd floor hallway / None	<0.002
04/19/19	1	Service floor hallway / FM construction in assigned area	<0.002
04/19/19	2	1st floor hallway / None	<0.002
04/19/19	3	2nd floor hallway / None	0.003

f/cc – Fibers per cubic centimeter

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

Attachment A

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	UC Irvine
Sample Date:	4/15/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Christopher Cañas
Date Analyzed:	4/15/19

Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service level – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM Construction in assigned areas	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1st 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: 3	Start time: 0610	End time: 1410
Sample location: 2nd floor - Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 4	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

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

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

Sample name (print)	: Chris Canas & Jesse Sanchez	
Signature	: Chris Canas & Jesse Sanchez	Page __1___ of ___1__

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/15/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/15/19

OMEGA ENVIRONMENTAL

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

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1st 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: 2nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

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

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

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

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/15/19 – 4/16/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/16/19

OMEGA ENVIRONMENTAL

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: Cosco installing fire system	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: 1st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Retrofit lights	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 09	Start time: 2201	End time: 0601
Sample location: 2nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Cosco installing fire system	No of fibers: 4	No of fields: 100
Retrofit lights	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3rd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 1.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

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

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

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	UC Irvine
Sample Date:	4/16/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Christopher Cañas
Date Analyzed:	4/16/19

OMEGA ENVIRONMENTAL

Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service level – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM Construction in assigned areas	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1st 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: 3	Start time: 0610	End time: 1410
Sample location: 2nd 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)	: Chris Canas & Jesse Sanchez	
Signature	: Chris Canas & Jesse Sanchez	Page __1____ of ___1___

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/16/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/16/19

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: 1st 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: 06	Start time: 1401	End time: 2201
Sample location: 2nd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

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

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

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

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/16/19 – 4/17/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/17/19

OMEGA ENVIRONMENTAL

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

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

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

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3rd 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: 11	Start time: *	End time: *
Sample location: Field Blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

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

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

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	UC Irvine
Sample Date:	4/17/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Christopher Cañas
Date Analyzed:	4/17/19

Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service level – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM Construction in assigned areas	No of fibers: 3.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1st 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: 3	Start time: 0610	End time: 1410
Sample location: 2nd 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)	: Chris Canas & Jesse Sanchez	
Signature	: Chris Canas & Jesse Sanchez	Page __1___ of ___1___

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/17/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/17/19

OMEGA ENVIRONMENTAL

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

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1st 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: 06	Start time: 1401	End time: 2201
Sample location: 2nd 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:	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 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/17/19 – 4/18/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/18/19

OMEGA ENVIRONMENTAL

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: Cosco installing fire system	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

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

Sample ID: 10	Start time: 2201	End time: 0601
Sample location: 3rd floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

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

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

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	UC Irvine
Sample Date:	4/18/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Christopher Cañas
Date Analyzed:	4/18/19

OMEGA ENVIRONMENTAL

Sample ID: 1	Start time: 0605	End time: 1405
Sample location: Service level – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM Construction in assigned areas	No of fibers: 2	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 2	Start time: 0608	End time: 1408
Sample location: 1st 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: 3	Start time: 0610	End time: 1410
Sample location: 2nd 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)	: Chris Canas & Jesse Sanchez	
Signature	: Chris Canas & Jesse Sanchez	Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/18/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/18/19

OMEGA ENVIRONMENTAL

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

Sample ID: 05	Start time: 1400	End time: 2200
Sample location: 1st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 4.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 06	Start time: 1401	End time: 2201
Sample location: 2nd 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	
Signature	: Jesse Sanchez	Page 1 of 1

PCM/TEM Sample Data Sheet

Project Number:	2019-3299UCI
Project Site Address:	Rowland Hall UCI Irvine, CA
Sample Date:	4/18/19 – 4/19/19
Analysis type:	PCM (NIOSH 7400A)
Analysis by:	Jesse Sanchez
Date Analyzed:	4/19/19

OMEGA ENVIRONMENTAL

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: BNB & Cosco installing fire system	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: 1st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: Retrofit lights	No of fibers: 2.5	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

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

Sample ID: 10	Start time: 2201	End time: 0601
Sample location:3rd 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: 11	Start time: *	End time: *
Sample location: Field Blank	Flow rate (LPM): *	
	Total time: *	Total volume: *
Work activity:	No of fibers: 0	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0	
Other comments:		

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

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

PCM/TEM Sample Data Sheet

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

OMEGA ENVIRONMENTAL

Sample ID: 01	Start time: 6:00 AM	End time: 1400
Sample location: Service floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: FM construction in designated	No of fibers: 4	No of fields: 100
work area	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 02	Start time: 6:00 AM	End time: 1400
Sample location: 1st floor – Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 3	No of fields: 100
	Airborne fiber concentration (fibers/cc): <0.002	
Other comments:		

Sample ID: 03	Start time: 6:00 AM	End time: 1400
Sample location: 2nd floor– Hallway	Flow rate (LPM): 2.5	
	Total time: 480	Total volume: 1200
Work activity: None	No of fibers: 7	No of fields: 100
	Airborne fiber concentration (fibers/cc): 0.003	
Other comments:		

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

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

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

Sample name (print)	: Josh Baker	
Signature	: Josh M. Baker	Page __1__ of __1__

Field Notes

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/15/19	IH NAME	Christopher Cañas

0530: Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.

0800: Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.

0920: Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.

1110: Met Susan Robb of EH&S to discuss all work for the day.

1250: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1500: New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1st floor lobby near the elevators.

1700: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1800: Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.

1835: Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0600.

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: 04/15/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

1900	**Omega Jesse arrives on-site to begin 7 pm work shift. Omega Chris Canas briefs Omega Jesse about the work**
	that occurred during his shift.
1910	**Omega Chris Canas is off-site at this time. At this time air samples are running at 2.5 LPM on the service, 1st**
	Floor, and 2nd floor in the hallway. There is no work throughout the hallways, only students walking throughout
	The hallways + going in and out the classrooms.
2100	**At this time Omega walks the work site.**
2200	**Omega returns from walking the building, there was no work activity during that walk; students were still**
	Roaming the hallways and classrooms. At this time Cosco arrive on site to begin their work shift. Scope of work:
	Cosco will continue to work on the service and 2nd floor installing pipes for new fire system. Electricians will be
	Working on the 2nd floor to complete retrofitting the lights to then move on to the 1st floor. Omega demobilize
	Air samples and set up a new batch.
2210	**At this time Cosco + Electricians begin to mobilize equipment to assigned work areas.**
2305	**Omega walks the floors to check on low flow air pumps.**
2340	**Air pumps continue to flow at 2.5 LPM.**
2430	**At this time Cosco continue to work on the second floor installing pipes for new fire system.**
0140	**At this time Omega walks the work site.**
0220	**Omega returns from walking the site, there is no work in the hallways on the service + 1st floor. On the 2nd floor**
	Electricians continue to retrofit the light ballets Note: No ceiling tiles are being moved for this work activity.
0300	**No issues to report at this time, at this time there are no students walking the hallways.**
0430	**Omega walks the site to check the low flow pumps + if there are any work activities throughout the hallways.**
0535	**No work activities were observed during the Omegas walk through of the floors, Cosco continue to work on**
	Installing pipes for new fire system. Low flow air pumps continue to pull at 2.5 LPM.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/15/2019

TIME AND ACTIVITY

0600	At this time Omega demobilize air samples and set up new batch + Cosco night shift crew are off site. Air samples Were set up on the service, 1st, and 2nd floor.
0700	Omega Chris Canas arrives on-site + Omega Jesse briefs Chris of the work activities during the 3rd shift. At this Time air samples from the 3rd shift have been read using NIOSH 7400 Method on-site, results will be posted at This time + sent to UCI Reps. and Omega's Chris Canas and Navdi Salari. Omega Jesse off-site.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/15/2019

OMEGA ENVIRONMENTAL

Field Notes

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/16/19	IH NAME	Christopher Cañas

0640: Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93. Josh Baker (Omega Rep) also on site for training.

0720: Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.

0850: Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.

1030: Lunch

1110: Met Susan Robb of EH&S to discuss all work for the day.

1210: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1400: New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1st floor lobby near the elevators.

1600: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1900: Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.

1945: Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0700.

Susan of EH&S asked Omega to run air samples in room 160, these samples continuously ran for 6 hours and have been determined to be below PEL.

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: 04/16/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
Project Address: Rowland Hall UCI Irvine, CA	
Client Contact:	
Client Phone #:	

TIME AND ACTIVITY

1900	**Omega Jesse arrives on-site and meet with Omega Chris Canas. Chris Canas gives a brief description of any Activities that occurred during his shift. At this time air samples are set up at the service floor + 1st and 2nd floor.**
1905	**Omega Chris Canas is off-site at this time.**
1930	**Omega walks the site to check on any work activities + activities in the hallways.**
2030	**Omega returns from walking the site, there are no work activities at this time + students are walking in and out Of classrooms no issues to report at this time.**
2200	**At this time Omega demobilize air samples and set up new batch. Cosco arrive at this time to begin their work Shift. Cosco will be working on the 2nd floor installing pipes for new fire system. Electricians will be working on The 2nd and 1st floor retrofitting the light ballets.**
2300	**Omega walks to site to check on work activities + air samples.**
2400	**Omega returns from walking the work site, Cosco continue to work on the 2nd floor installing pipes + installing Pipes on the service floor. Electricians continue to retrofit the light ballets and are nearly finished on the 2nd floor.**
0100	**No issues to report at this time there are no work activities in the hallways.**
0200	**Omega walks the site to check on any work activities + air samples.**
0300	**Omega returns from walking the site, electricians continue to retrofit light ballets + Cosco continue to install Pipes on the 2nd and service floor.**
0410	**No issues to report at this time, Cosco continue to work on the 2nd floor + service floor. Electricians begin to work On the 1st floor. No work in the hallways except retrofitting the light ballets.**
0525	**Omega walks the site to check on air samples + work activities.**
0600	**At this time Cosco have demobilized equipment and begin to leave the work site, Omega demobilize air samples And set up new batch on the service, 1st and 2nd floor. Omega will begin to read air samples on-site using NIOSH 7400 Method.**

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/16/2019

TIME AND ACTIVITY

0700 **Omega Chris Canas arrives on-site to start the next work shift. Omega Jesse gives a brief of the work activities During the shift. At this time air samples during the 3rd shift have been read and sent out to UCI Reps. Daily Posting has also been set up on the 1st floor. Omega's Jesse begins to leave site at this time.**

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/16/2019

Field Notes

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/17/19	IH NAME	Christopher Cañas

0640: Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93.

0720: Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.

0850: Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.

1030: Lunch

1110: Met Susan Robb of EH&S to discuss all work for the day.

1210: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1400: New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1st floor lobby near the elevators.

1600: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1900: Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.

1945: Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez and is now leaving site. Will return tomorrow at 0700.

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: 04/17/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
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 Chris Canas briefs Jesse about activities during his shift.**
	Air samples are set on the service, 1st and 2nd floor running at 2.5 LPM. Samples were set at 1400 and will be
	Demobilized at 2200. At this time Omega Chris Canas is relieved from site.
2000	**At this time Omega walks the site to check on hallway activities + on the air samples.**
2100	**Samples are still running at 2.5 LPM + students are walking in and out of classrooms throughout the hallways. No**
	Work activities at this time.
2200	**Cosco arrive on-site to begin their work shift. Cosco will be working on the service and 2nd floor installing pipes for**
	New fire system. Electricians will be working on the 1st floor retro fitting the light ballets.
2300	**At this time Omega walks the site to check on work activities + air samples.**
2400	**Omega returns from walking the site, Cosco have mobilized equipment to assigned work areas where Cosco will be**
	Working. Air samples continue to flow at 2.5 LPM + there are no work activities occurring in the hallways.
	Electricians continue to retro fit the light ballets on the 1st floor.
0100	**No issues to report at this time, work continues to move forward. Cosco continue to work on the service and 2nd**
	Floor. No activities in the hallways, no students are walking throughout the hallways.
0200	**Omega walks the site, to check on the work + air samples.**
0300	**Omega returns from the site, no issues to report air samples are away from any work activities. No work activities**
	In the hallways except the 1st floor electricians continue to retro fit the light ballets.
0430	**At this time Omega walks the site to check on the work + air samples.**
0525	**Omega returns from walking the site. Work continues to move, no issues to report at this time. Cosco continue to**
	Install pipes for new fire system + electricians continue to retro fit the light ballets on the 1st floor.
0600	**At this time Omega demobilize air samples and set up a new batch. Air samples will be read on site using NIOSH**
	7400 Method. Cosco begin to demobilize from their work areas as their shift ends.

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/17/2019

TIME AND ACTIVITY

0700	**At this time Omega Chris Canas arrives on-site to begin his shift starting at 7 am. Omega Jesse gives a brief of Work activities during the shift. At this time Omega demobilize air samples and set a new batch of samples on the Service floor, 1st floor, 2nd floor flowing at 2.5 LPM. Omega Jesse begins to leave the site, Chris Canas remains on Site for his shift.**

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/17/2019

Field Notes

PROJECT NAME	UCI Rowland Hall	SITE CONTACT	Susan Robb
PROJECT NUMBER	2019-3299UCI	CLIENT NUMBER	(949) 233-8889
DATE	4/18/19	IH NAME	Christopher Cañas

0640: Omega Representative Christopher Cañas on site. FM Construction is continuing work on the service level and will be installing HVAC ductwork in B66, B70, B85, and B93. Josh Baker (Omega Rep) also on site for training.

0720: Daily walkthrough with Chris Schneider (PM), Javier Vasquez (BNB), Susan Robb (EH&S), and Christopher Cañas (Omega IH). The SOP was discussed and agreed by all parties for the day. No asbestos work is expected to be performed during the first and second shift – air samples will also run continuously for 24 hours this week.

0850: Checked on Pumps; they are operating as intended. Checked on work; FM construction is in designated areas.

1030: Lunch

1110: Met Susan Robb of EH&S to discuss all work for the day.

1210: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1400: New PCM cassettes have been placed on a set of new pumps. They will run continuously into Jesse's shift and are expected to be picked up around 2200. PCM cassettes were read on site via NIOSH 7400 Method and determined to be below PEL. Sample results were first sent via text to Susan Robb, Jeremy Gress, Rito Rincon, and Navid Salari. They confirmed the readings and afterwards posted results in the 1st floor lobby near the elevators.

1600: Checked on Pumps; they are operating as intended. Checked on work; no construction work is being done.

1900: Jesse Sanchez of Omega is now on site and will review the days scope of work with Christopher Cañas before he is relieved.

1945: Omega Representative Christopher Cañas reviewed project details with Jesse Sanchez 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: 04/18/2019
Project Name: 24/7	Omega Representative: Jesse Sanchez & Chris Canas
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 Chris Canas briefs Jesse about activities during his shift.**
	Air samples are set on the service, 1st and 2nd floor running at 2.5 LPM. Samples were set at 1400 and will be
	Demobilized at 2200. At this time Omega Chris Canas is relieved from site.
1940	**At this time, fire alarms are set off. Building was evacuated and no further information was brought to Omega.**
2030	**At this time staff, students + Omega enter the building to get our things and leave the building. Fire department**
	+ staff inform everyone they do not know the cause of the alarm. UCI Susan Rob was informed, she informs
	Omega to leave the building and wait for any ok to re-enter the building.
2200	**At this time Omega, Cosco + BNB arrive on-site and enter the building. Fire alarms are still flashing, no further**
	Information about the fire alarms or anyone on-site to fix the issues. Omega, Cosco + BNB remain on-site for
	Work shift. Scope of work: Cosco will be working on the service floor + 2nd floor installing pipes for new fire
	System. Electricians will continue to work on the 1st floor retro fitting the light ballets, they plan to finish the 1st
	Floor to continue on the service floor.
2300	**Omega walks the site, to check on the work + air samples.**
2400	**Omega returns from the site, no issues to report air samples are away from any work activities. No work activities**
	In the hallways except the 1st floor electricians continue to retro fit the light ballets.
0130	**At this time Omega walks the site to check on the work + air samples.**
0245	**Omega returns from walking the site, work continues to move, no issues to report at this time. Cosco continue to**
	Install pipes for new fire system + electricians continue to retro fit the light ballets on the 1st floor.
0300	**Electricians move down to the basement to continue retro fitting the light ballets, 1st floor was completed. Cosco**
	Continue to work on the 2nd floor.
0400	**Omega walks the site to check on the air samples.**
0500	**Omega returns work continues to move forward no issues to report at this time.**

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/18/2019

TIME AND ACTIVITY

0600	**Omega demobilize air samples and set up new batch of samples. Samples will be read on-site using NIOSH 7400 Method. Cosco begin to demobilize equipment from the work area.**
0700	**At this time Omega Chris Canas arrives on-site to begin 7 am shift. Omega Jesse briefs Chris on work that Occurred during the shift. PCM results were posted and sent to UCI Reps. Omega Jesse off-site at this time.**

Omega Site Representative Signature: Jesse Sanchez & Chris Canas	Date: 04/18/2019

OMEGA
ENVIRONMENTAL

Field Logs

PAGE: 1

PROJECT NAME	UCI- Rowland hall	DATE	04.19.2019
SITE ADDRESS	Ring Rd, Irvine, CA 92697	Omega PROJECT #	2019-3299
SITE CONTACT	Susan Robb (949)233-8889	IH NAME	J. Baker

0645 Omega arrives on site and checked in with Susan Robb.

0700 I receive a brief report from Jesse about what happened during the night shift. He reports that the fire alarms went off 2 times last night and resulted in an evacuation. There is no work currently going on in the basement level. Meeting verification text was sent at 0730 sharp to Susan Robb response was received at 0753 with "a little later" Omega will stand by for confirmation.

0800 An operation assessment was completed on 3 low-volume pumps all are running and PCM cassettes are resting at optimal angle. There is nothing unusual to report during this time.

0900 Operation assessment was performed. All pumps are running at 2.5 LPM and have optimal cassette dangle. Pumps will be stopped at 1400 and resume at 0600 on Monday 04.21.2019. There are 3 workers from FM construction are arriving on site. They will be installing electrical system in the basement level.

1000 FMC is still working in the basement area. There was no dust or odors that were observed on any section of the basement.

1100 There is nothing unusual to report during this time.

1200 Omega walks site to check on air samples and pumps.

1300 omega walks work site to check on pumps. 1st floor PCM cassette was adjusted. There were no other issues that were cause for concern.

1400 Omega removes pumps and secures them in Omega's field office. Omega will resume on Monday 04/22/2019. Omega checks out with Susan Robb and Omega is off site.

Omega IH: Josh M. Baker

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 NUMBER

89016

Certificate of Attendance

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	E083118CSR 083118	August 31, 2019
COMPLETION DATE	CLASS NUMBER / STARTING DATE	CERTIFICATE EXPIRES

Ecologics Training Institute

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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	E081718BIR 081718	August 17, 2019
COMPLETION DATE	CLASS NUMBER / STARTING DATE	CERTIFICATE EXPIRES

Ecologics Training Institute

CERTIFICATE NUMBER

32297

Certificate of Attendance

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	E091718NIOSH 091718	
COMPLETION DATE	CLASS NUMBER / STARTING DATE	CERTIFICATE EXPIRES

Ecologics Training Institute

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