

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

CONTRACTING SERVICES
Building 439
Santa Barbara, California 93106-1030
Telephone (805) 893-3356
Fax (805) 893-8592

SENT VIA: FAX ON THIS DATE
 HAND DELIVERY ON THIS DATE
 FEDERAL EXPRESS ON THIS DATE
 UNITED PARCEL SERVICE ON THIS DATE

HOLDERS OF PLANS AND SPECIFICATIONS:

Ortega Dining Commons Seismic Corrections
Project No. FM110298L/988702
Addendum No. 1

March 10, 2011

Enclosed is **ADDENDUM NO. 1** to the Construction Documents on the above-captioned project.

Bid date is **April 12, 2011 at 2:30 PM** to be held at:

CONTRACTING SERVICES
Facilities Management, Bldg. 439,
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

Anna Galanis
Director, Contracting Services

ADDENDUM NUMBER 1

to the

Ortega Dining Commons Seismic Corrections

March 10, 2011

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. INFORMATION AVAILABLE TO BIDDERS,

Item No.

1. Add in its entirety:

“6. Reports

Asbestos and Pb (Lead) Survey UCSB Ortega Dining Commons Bldg 542”, prepared by Gene Horstin, dated March 4, 2011, 11 pages, attached.”

END OF ADDENDUM NO. 1

March 04, 2011

Asbestos and Pb (Lead) Survey UCSB Ortega Dining Commons Building 542

The University of California Santa Barbara (UCSB), Design and Construction Services (DC&S) has compiled this report to disclose existing knowledge of asbestos and Pb (Lead) containing building components located at Buildings 553 on the UCSB Campus.

Asbestos Sampling

Table 1.0 Asbestos Laboratory Reports lists the reports attached by Report Number, Date, Laboratory, Analysis Type, and Comments.

Table 1.0 - Asbestos Laboratory Reports

Report #	Report Date	Laboratory	Analysis Type	Comments
B134711	04/13/2010	Forensic Analytical	PLM EPA Method 600/R-93-116	Stucco, plaster, and various samples.
B146152	03/08/2011	Forensic Analytical	PLM EPA Method 600/R-93-116	Ceiling tiles, ceiling tile mastic, flooring, plaster.

Lead Paint Sampling Results

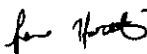
Table 2.0 Pb (Lead) Laboratory Reports lists the reports attached by Report Number, Date, Laboratory, Analysis Type, and Comments.

Table 2.0 – Pb (Lead) Laboratory Reports

Report #	Report Date	Laboratory	Analysis Type	Comments
M110207	04/13/2010	Forensic Analytical	TTLc Metal Analysis Flame AA	Various paint finishes on building.

UCSB's industrial wastewater permit¹ local limit for lead is 1.040 mg/l. The California Code of Regulations, Title 22 classifies waste containing more than 50 ppm lead as hazardous² without further waste characterization. If you have any question regarding this report please contact me at 805-451-1918 or gene.horstin@dcs.ucsb.edu

Sincerely,


Digitally signed by Gene Horstin
 DN: cn=Gene Horstin, o=UCSB, ou=Design and Construction
 email=horstin@dcs.ucsb.edu,
 Reason: I am the author of the document
 Date: 2011.03.10 13:28:56 -0800

Gene Horstin

University of California Santa Barbara
 Asbestos and Pb Clerk of the Works
 Asbestos Abatement Project Designer Cert# PD39-11
 Asbestos Inspector & Management Planner Cert# BIMP91-11
 Asbestos Contractor & Supervisor Cert# CS182-11
 CDPH Lead Inspector/Assessor ID# 20134

¹Industrial Wastewater Discharge Permit Number IV-413, Part I, Wastewater Discharge Limitations and Monitoring Requirements – Local Limits

²TITLE 22, Social Security, Division 4.5. Environmental Health Standards for the Management of Hazardous Waste, Chapter 11. Identification and Listing of Hazardous Waste, Article 3. Characteristics of Hazardous Waste, §66261.24, Characteristic of Toxicity



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

U.C. Santa Barbara
Project Manager
Design and Construction Svcs
Building 370
Santa Barbara, CA 93106

Client ID: 5151
Report Number: B146152
Date Received: 03/08/11
Date Analyzed: 03/10/11
Date Printed: 03/10/11
First Reported: 03/10/11

Job ID/Site: Ortega Seismic Remodel, Bldg. 542 - W.O # 293-50

FALI Job ID: 5151-6514

Date(s) Collected: 03/07/2011

Total Samples Submitted: 12

Total Samples Analyzed: 12

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
20110307-542-PLM-01	11087235						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
20110307-542-PLM-02	11087236						
Layer: Tan Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
20110307-542-PLM-03	11087237						
Layer: Off-White Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
20110307-542-PLM-04	11087238						
Layer: Tan Sheet Flooring			ND				
Layer: White Semi-Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %) Fibrous Glass (5 %)							
20110307-542-PLM-05	11087239						
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
20110307-542-PLM-06	11087240						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							



Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

U.C. Santa Barbara
Project Manager
Design and Construction Svcs
Building 370
Santa Barbara, CA 93106

Client ID: 5151
Report Number: B134711
Date Received: 04/09/10
Date Analyzed: 04/13/10
Date Printed: 04/13/10
First Reported: 04/13/10

Job ID/Site: Ortega Seismic Upgrade, Bldg 542

FALI Job ID: 5151-6514

Date(s) Collected: 3/31/10-4/6/10

Total Samples Submitted: 14

Total Samples Analyzed: 14

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
201100331-542-PLM-01	10974630						
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100331-542-PLM-02	10974631						
Layer: Tan Drywall			ND				
Layer: White Skimcoat/Joint Compound			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %) Fibrous Glass (10 %)							
201100331-542-PLM-03	10974632						
Layer: Tan Non-Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100331-542-PLM-04	10974633						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100331-542-PLM-05	10974634						
Layer: Beige Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100331-542-PLM-06	10974635						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: U.C. Santa Barbara

Report Number: B134711

Date Printed: 04/13/10

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
201100331-542-PLM-07	10974636						
Layer: Grey Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-08	10974637						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-09	10974638						
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-10	10974639						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-11	10974640						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-12	10974641						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Off-White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-13	10974642						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
201100406-542-PLM-14	10974643						
Layer: Off-White Plaster			ND				
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Client Name: U.C. Santa Barbara

Report Number: B134711

Date Printed: 04/13/10

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
-----------	------------	---------------	------------------	---------------	------------------	---------------	------------------



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

University of California, Santa Barbara
 Environmental Health and Safety - Client # 5151

Bulk Sample Log
 Asbestos

Asbestos and Lead Program - Contact J. Ripley 805-893-7984 jerome.ripley@dcs.ucsb.edu

Project: Ortega Seismic Upgrade

Date: 03/31/10-4/6/10

W.O.#: 293-50

Sampler Name: G. Horstin

Building Name/Number: Bldg. 542

Sample Analysis

Turn Around

PLM	12 HR	24 HR	Other
Lab Instructions:	Due Date: 04/13/2010		

Sample No.	Material(s)	HID No.	Location
20100331-542-PLM-01	Plaster Debris - Base Coat - Ceiling		Corridor Hatch near east loading dock door from above ceiling.
20100331-542-PLM-02	White Paint, Drywall, Joint Compound?		NE Food Storage Room - Ceiling by Access Hatch
20100331-542-PLM-03	Exterior Painted Rough Finish Stucco - Finish Coat Only		Over hang of loading dock ceiling - near second column from NE corner of loading dock.
20100331-542-PLM-04	Exterior Painted Rough Finish Stucco - Cross Section		Overhang very SE corner of building/walkway 1" wide area of stucco
20100331-542-PLM-05	Exterior Painted Rough Finish Stucco - Cross Section		Overhang of south exterior walkway - 7' in from very SE corner of building/walkway.
20100331-542-PLM-06	Exterior Painted Rough Finish Stucco - Cross Section		Overhang west walkway near main entrance at fire alarm light penetration.
20100331-542-PLM-07	Expansion grout between sections of exterior concrete spandrel		Expansion joint in concrete spandrel south side of east face of building.
20100406-542-PLM-08	Sand Finish Three Coat Plaster from Metal Expansion Lath		Boiler Room Middle of Ceiling - Damaged Plaster
20100406-542-PLM-09	Sand Finish Three Coat Plaster from Metal Expansion Lath		Boiler Room Middle of West Wall - Damaged Plaster Area
20100406-542-PLM-10	Smooth Finish Three Coat Plaster from Metal Expansion Lath		Compressor Room Middle of East Wall
20100406-542-PLM-11	Smooth Finish Three Coat Plaster from Metal Expansion Lath		Compressor Room Middle of East Wall
20100406-542-PLM-12	Smooth Finish Three Coat Plaster from Metal Expansion Lath		Compressor Room South End of Ceiling.

Chain of Custody

Relinquished by Name: G. Horstin Company: UCSB Date/Time:

Received by Name: [Signature] Company: FASI Date/Time: 4/9/10
1530914

University of California, Santa Barbara
Environmental Health and Safety - Client # 5151

Bulk Sample Log
Asbestos

Asbestos and Lead Program - Contact J. Ripley 805-893-7984 jerome.ripley@dcs.ucsb.edu

Project: Ortega Seismic Upgrade

Date: 03/31/10-4/6/10

W.O.#: 293-50

Sampler Name: G. Horstin

Building Name/Number: Bldg. 542

Sample Analysis

Turn Around

PLM	12 HR	24 HR	Other
Lab Instructions:	Due Date: 04/13/2010		

Sample No.	Material(s)	HID No.	Location
20100406-542-PLM-13	Smooth Finish Two Coat Plaster from Metal Expansion Lath		Fan Room North Wall Middle
20100406-542-PLM-14	Smooth Finish Two Coat Plaster from Metal Expansion Lath		East Wall of Stair Well Access to Fan Room

Chain of Custody

Relinquished by Name: G. Horstin Company: UCSB

Date/Time: 4/4/10

Received by Name: [Signature] Company: FASI

Date/Time: 4/9/10 1030 AM

Revised 4/2009 by Environmental Health and Safety, UCSB. For more information, contact: 805-893-7984 or jripley@dcs.ucsb.edu. Date: 03/14/10 10:00 AM

Client Name: U.C. Santa Barbara

Report Number: B146152

Date Printed: 03/10/11

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
20110307-542-PLM-07	11087241						
Layer: White Plaster			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
20110307-542-PLM-08	11087242						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
20110307-542-PLM-09	11087243						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
20110307-542-PLM-10	11087244						
Layer: Tan Fibrous Material			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (50 %)							
20110307-542-PLM-11	11087245						
Layer: Beige Fibrous Material			ND				
Layer: Paint			ND				
Layer: Brown Mastic			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (35 %) Fibrous Glass (45 %)							
20110307-542-PLM-12	11087246						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							



James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by Forensic Analytical Laboratories Inc. (FALI) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by FALI to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by FALI. The client is solely responsible for the use and interpretation of test results and reports requested from FALI. Forensic Analytical Laboratories Inc. is not able to assess the degree of hazard resulting from materials analyzed. FALI reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

Project: Ortega Seismic Upgrade

Date: 03/07/2011

W.O.#: 293-50

Sampler Name: G. Horstin

Building Name/Number: Bldg. 542

Sample Analysis

Turn Around:

PLM	12 HR	24 HR	Other
Lab Instructions:	Due Date: <u>03/10/2011</u>		

Sample No.	Material(s)	HID No.	Location
20110307-542-PLM-01	Brown "hockey puck" mastic, 12 ceiling tile, white paint.		Bldg. 542, dining room, on soffit, southeast corner of dining area.
20110307-542-PLM-02	Brown "hockey puck" debris.		Bldg. 542, dining room, above soffit, southeast corner of dining area.
20110307-542-PLM-03	Off-white sheet flooring.		Bldg. 542, kitchen area, floor, 3' from south wall, 15' from east wall.
20110307-542-PLM-04	Tan sheet flooring.		Bldg. 542, kitchen area, floor, 5' from southeast corner.
20110307-542-PLM-05	Plaster.		Bldg. 542, dining area, on soffit on southeast corner.
20110307-542-PLM-06	Brown "hockey puck" mastic, 12 ceiling tile, white paint.		Bldg. 542, kitchen area, ceiling, southeast corner.
20110307-542-PLM-07	Plaster.		Bldg. 542, kitchen area, ceiling, southeast corner.
20110307-542-PLM-08	White "hockey puck" mastic, 12 ceiling tile, white paint.		Bldg. 542, dining area, ceiling, northeast corner of serving area.
20110307-542-PLM-09	Brown "hockey puck" mastic, 12 ceiling tile, white paint.		Bldg. 542, dining area, ceiling, northwest corner of pony wall at serving area.
20110307-542-PLM-10	Brown "hockey puck" mastic debris.		Bldg. 542, dining area, on top of soffit at north beverage bar area.
20110307-542-PLM-11	Brown "hockey puck" mastic, 12 ceiling tile, white paint.		Bldg. 542, dining area, ceiling, northwest corner.
20110307-542-PLM-12	Plaster.		Bldg. 542, dining area, ceiling, northwest corner.

Chain of Custody

Relinquished by Name: G. Horstin Company: UCSB

Date/Time: for photo

Received by Name: EH Company: FASI

Date/Time: 3-8-11

Display signed by User
 Date: 20110307 11:58:57 -0800

10:30 AM

Fedex



Metals Analysis of Paints

U.C. Santa Barbara
Jerome Ripley
Design and Construction Svcs
Building 370
Santa Barbara, CA 93106

Client ID: 5151
Report Number: M110207
Date Received: 04/09/10
Date Analyzed: 04/13/10
Date Printed: 04/13/10
First Reported: 04/13/10

Job ID / Site: 293-50, Ortega Seismic Remodel, Bldg. 542
Date(s) Collected: 03/31/10

FALI Job ID: 5151-6514
Total Samples Submitted: 4
Total Samples Analyzed: 4

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
20100331-542-PB-01	30372176	Pb	1400	ppm	60	EPA 3050B/7420
20100331-542-PB-02	30372177	Pb	70	ppm	60	EPA 3050B/7420
20100331-542-PB-03	30372178	Pb	2100	ppm	70	EPA 3050B/7420
20100331-542-PB-04	30372179	Pb	1300	ppm	60	EPA 3050B/7420

* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Dave Sandusky, CIH, Laboratory Supervisor, Hayward Laboratory

Analytical results and reports are generated by Forensic Analytical at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by Forensic Analytical to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by Forensic Analytical. The client is solely responsible for the use and interpretation of test results and reports requested from Forensic Analytical. Forensic Analytical is not able to assess the degree of hazard resulting from materials analyzed. Forensic Analytical reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Any modifications that have been made to referenced test methods are documented in Forensic Analytical's Standard Operating Procedures Manual. Sample results have not been blank corrected. Quality control and sample receipt condition were acceptable unless otherwise noted.

Project: Ortega Seismic Remodel

Date: 03/31/2010

W.O.#: 293-50

Sampler Name: G. Horstin

Building Name/Number: Bldg. 542

Sample Analysis

Turn Around

TTLc Pb	12 HR	24 HR	Other
Lab Instructions:	Due Date: 04/13/2010		

Sample No.	Material(s)	ID No.	Location
20100331-542-Pb-01	White paint drywall ceiling patch.		Bldg. 542 Ceiling of room immediately west of SE meat cooler.
20100331-542-Pb-02	White over beige/pink paint exterior paint from concrete substrate		Bldg. 542 very SE corner of building/walkway concrete teeth of concrete spandrel.
20100331-542-Pb-03	White paint on plaster substrate.		Bldg. 542, compressor room, stairwell, east wall.
20100331-542-Pb-04	White paint on plaster substrate.		Bldg. 542, compressor room, south wall.

Chain of Custody

Relinquished by Name: G. Horstin Company: UCSB

Date/Time: for 1/10

Received by Name: BL #16 Company: FASI

Date/Time: 4/9/10
1030am

Display required by State of California
 This certificate is valid only for the sample and analysis listed on this certificate.
 It is not valid for any other purpose.
 Signature of the analyst of this laboratory
 Date: 03/31/2010 at 09:00 AM