

Please Reply To:



AmeriSci Los Angeles

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FACSIMILE TELECOPY TRANSMISSION

To: Scott Harris
GHD
Fax #:
Email: scott.harris@ghd.com

From: Arturo A. Aldana
AmeriSci Job #: 919051421
Subject: PLM rush Results
Client Project: 11195984.01; HSU Gist Hall 2nd
Floor RA- East

Date: Thursday, May 16, 2019
Time: 16:02:23
Comments:

Number of Pages: 5
(including cover sheet)

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AmeriSci Los Angeles

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Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

GHD
Attn: Scott Harris
718 3rd Street

Eureka, CA 95501

Date Received 05/16/19 **AmeriSci Job #** 919051421
Date Examined 05/16/19 **P.O. #**
Page 1 of 3
RE: 11195984.01; HSU Gist Hall 2nd Floor RA- East

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11195984-RA-1 Location: TSI Remnant (5" OD) (White) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor At SE	919051421-01	Yes	20 % (by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: White, Homogeneous, Fibrous, TSI Asbestos Types: Chrysotile 20.0 % Other Material: Non-fibrous 80 %			
11195984-RA-2 Location: TSI Remnant (5" OD) (White) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor At S	919051421-02	Yes	20 % (by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: White, Homogeneous, Fibrous, TSI Asbestos Types: Chrysotile 20.0 % Other Material: Non-fibrous 80 %			
11195984-RA-3 Location: TSI Remnant (5" OD) (White) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor At SW	919051421-03	Yes	20 % (by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: White, Homogeneous, Fibrous, TSI Asbestos Types: Chrysotile 20.0 % Other Material: Non-fibrous 80 %			
11195984-RA-4 Location: Composite Debris (5-Point) (Beige / White) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor Throughout	919051421-04	Yes	4 % (by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Grey, Heterogeneous, Fibrous, Debris Asbestos Types: Chrysotile 4.0 % Other Material: Cellulose 35 %, Non-fibrous 61 %			
11195984-RA-5 Location: Composite Debris (5-Point) (Beige / White) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor Throughout	919051421-05	Yes	5 % (by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Grey, Heterogeneous, Fibrous, Debris Asbestos Types: Chrysotile 5.0 % Other Material: Cellulose 35 %, Non-fibrous 60 %			

Client Name: GHD

PLM Bulk Asbestos Report

11195984.01; HSU Gist Hall 2nd Floor RA- East

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11195984-RA-6	919051421-06	Yes	5 %
Location: Composite Debris (5-Point) (Beige / White) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor Throughout			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Debris			
Asbestos Types: Chrysotile 5.0 %			
Other Material: Cellulose 40 %, Non-fibrous 55 %			
11195984-RA-7	919051421-07	Yes	Trace (<1 %)
Location: Blown-In Cellulose Insulation (Beige) / Gist Hall, 2nd FL - East Return Air Plenum Interior Duct At Access Hatch			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Brown, Homogeneous, Fibrous, Insulation			
Asbestos Types: Chrysotile <1. %			
Other Material: Cellulose 65 %, Non-fibrous 35 %			
11195984-RA-8	919051421-08	No	NAD
Location: HVAC Seam Tape Remnant (Tan) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor At SE			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Off-White, Homogeneous, Fibrous, Tape			
Asbestos Types:			
Other Material: Cellulose 80 %, Non-fibrous 20 %			
11195984-RA-9	919051421-09	Yes	Trace (<1 %)
Location: Duct Insulation Panel Remnant (Yellow / Silver) (Fiberglass) / Gist Hall, 2nd FL - East Return Air Plenum Interior Floor At S			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Silver/Yellow, Homogeneous, Fibrous, Insulation			
Asbestos Types: Chrysotile <1. %			
Other Material: Cellulose 5 %, Fibrous glass 60 %, Non-fibrous 35 %			
11195984-RA-10	919051421-10	Yes	20 %
Location: TSI Remnant (5" OD) (White) / Gist Hall, 2nd FL - R128B (Above Ceiling) At Attic Access Hatch			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: White, Homogeneous, Fibrous, TSI			
Asbestos Types: Chrysotile 20.0 %			
Other Material: Non-fibrous 80 %			
11195984-RA-11	919051421-11	No	NAD
Location: Blown - In Cellulose Insulation (Beige) / Gist Hall, 2nd FL - R128B (Above Ceiling) At Attic Access Hatch			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Brown, Homogeneous, Fibrous, Insulation			
Asbestos Types:			
Other Material: Cellulose 70 %, Non-fibrous 30 %			

Client Name: GHD

PLM Bulk Asbestos Report

11195984.01; HSU Gist Hall 2nd Floor RA- East

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11195984-RA-12	919051421-12	No	NAD
Location: Blown - In Cellulose Insulation (Beige) / Gist Hall, 2nd FL - R128B (Above Ceiling) At Attic Access Hatch			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Brown, Homogeneous, Fibrous, Insulation Asbestos Types: Other Material: Cellulose 70 %, Non-fibrous 30 %			
11195984-RA-13	919051421-13	No	NAD
Location: Blown - In Cellulose Insulation (Beige) / Gist Hall, 2nd FL - R128B (Above Ceiling) At Attic Access Hatch			(by CVES) by Arturo A. Aldana on 05/16/19
Analyst Description: Brown, Homogeneous, Fibrous, Insulation Asbestos Types: Other Material: Cellulose 70 %, Non-fibrous 30 %			

Reporting Notes:

Analyzed By: Arturo A. Aldana at ald; Date Analyzed: 5/16/2019 5/16/19
 *NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: at ald

919051421



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JOB NUMBER: 11195984.01
 ANALYSIS METHOD: PLM (Please provide a result for all layers of material present)

SITE: HSU Gist Hall 2nd Floor RA-East
 TURNAROUND TIME: **RUSH (8 hours)**

SAMPLING DATE: 05/15/2019

BULK SAMPLE COLLECTION CHAIN OF CUSTODY

SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	MATERIAL TYPE	FRIABLE
11195984-RA-1	TSI Remnant (5" OD) (White)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor at SE	TSI	F
11195984-RA-2	TSI Remnant (5" OD) (White)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor at S	TSI	F
11195984-RA-3	TSI Remnant (5" OD) (White)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor at SW	TSI	F
11195984-RA-4	Composite Debris (5-point) (Beige/White)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor Throughout	TSI/MM	F
11195984-RA-5	Composite Debris (5-point) (Beige/White)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor Throughout	TSI/MM	F
11195984-RA-6	Composite Debris (5-point) (Beige/White)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor at Access Walkway	TSI/MM	F
11195984-RA-7	Blown-in Cellulose Insulation (Beige)	Gist Hall, 2nd FL – East Return Air Plenum at Interior Duct at Access Hatch	TSI	F
11195984-RA-8	HVAC Seam Tape Remnant (Tan)	Gist Hall, 2nd FL – East Return Air Plenum Interior Floor at SE	MM	NF
11195984-RA-9	Duct Insulation Panel Remnant (Yellow/Silver) (Fiberglass)	Gist Hall, 2nd FL – East Return Air Plenum Interior at Floor at S	TSI	F
11195984-RA-10	TSI Remnant (5" OD) (White)	Gist Hall, 2nd FL – R218B (Above Ceiling) at Attic Access Hatch	TSI	F
11195984-RA-11	Blown-in Cellulose Insulation (Beige)	Gist Hall, 2nd FL – R218B (Above Ceiling) at Attic Access Hatch	TSI	F
11195984-RA-12	Blown-in Cellulose Insulation (Beige)	Gist Hall, 2nd FL – R218B (Above Ceiling) at Attic Access Hatch	TSI	F
11195984-RA-13	Blown-in Cellulose Insulation (Beige)	Gist Hall, 2nd FL – R218B (Above Ceiling) at Attic Access Hatch	TSI	F

NOTES: Material Type: Thermal System Insulation = TSI, Surfacing Material = SM, Miscellaneous Material = MV; Friability: Friable = F, Non-Friable = NF (may become F, if damaged)

Relinquished By: *[Signature]* 1400 TO FEDEX 5/15/19
 Date/Time:
 Relinquished By: *[Signature]* 5-16-19
 Date/Time: 12:30