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FACSIMILE TELECOPY TRANSMISSION

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

From: Johana Perez
AmeriSci Job #: 919051876
Subject: PLM rush Results
Client Project: 11195984.01; HSU; Gist Hall
Attic

Date: Friday, May 31, 2019
Time: 13:25:19
Comments:

Number of Pages: 7
(including cover sheet)

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PLM Bulk Asbestos Report

GHD
Attn: Scott Harris
718 3rd Street

Eureka, CA 95501

Date Received 05/31/19 **AmeriSci Job #** 919051876
Date Examined 05/31/19 **P.O. #**
Page 1 of 4
RE: 11195984.01; HSU; Gist Hall Attic

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11195984-Attic-1	919051876-01L1	No	NAD
Location: 3" O.D. Pipe Insulation (Yellow) & Fibrous Backing (White) / Basement - Above Drop Ceiling, Hot Water Supply Run - West Side At 3" O.D. Pipe Run			(by CVES) by Johana Perez on 05/31/19
Analyst Description: Yellow, Homogeneous, Fibrous, Pipe Insulation			
Asbestos Types:			
Other Material: Fibrous glass 90 %, Non-fibrous 10 %			
11195984-Attic-1	919051876-01L2	No	NAD
Location: 3" O.D. Pipe Insulation (Yellow) & Fibrous Backing (White) / Basement - Above Drop Ceiling, Hot Water Supply Run - West Side At 3" O.D. Pipe Run			(by CVES) by Johana Perez on 05/31/19
Analyst Description: White, Homogeneous, Fibrous, Backing			
Asbestos Types:			
Other Material: Cellulose 20 %, Non-fibrous 80 %			
11195984-Attic-2	919051876-02L1	No	NAD
Location: 3" O.D. Pipe Insulation (Yellow) & Fibrous Backing (White) / Basement - Above Drop Ceiling, Hot Water Return Run - West Side At 3" O.D. Pipe Run			(by CVES) by Johana Perez on 05/31/19
Analyst Description: Yellow, Homogeneous, Fibrous, Pipe Insulation			
Asbestos Types:			
Other Material: Fibrous glass 90 %, Non-fibrous 10 %			
11195984-Attic-2	919051876-02L2	No	NAD
Location: 3" O.D. Pipe Insulation (Yellow) & Fibrous Backing (White) / Basement - Above Drop Ceiling, Hot Water Return Run - West Side At 3" O.D. Pipe Run			(by CVES) by Johana Perez on 05/31/19
Analyst Description: White, Homogeneous, Fibrous, Backing			
Asbestos Types:			
Other Material: Cellulose 20 %, Non-fibrous 80 %			
11195984-Attic-3	919051876-03	No	NAD
Location: Blown-In Insulation (Yellow, Fiberglass) / East Attic - Floor At South - SW (N Of TSI Run)			(by CVES) by Johana Perez on 05/31/19
Analyst Description: Yellow, Homogeneous, Fibrous, Blown-In Insulation			
Asbestos Types:			
Other Material: Fibrous glass 90 %, Non-fibrous 10 %			

PLM Bulk Asbestos Report

11195984.01; HSU; Gist Hall Attic

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11195984-Attic-4	919051876-04	No	NAD
<p>Location: Blown-In Insulation (Gold / Pink, Fiberglass) / Center - South - Attic - Floor At SE Corner (S Of TSI Run)</p> <p>Analyst Description: Gold/Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 90 %, Non-fibrous 10 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-5	919051876-05	No	NAD
<p>Location: Blown-In Insulation (Pink, Fiberglass) / Center - South - Attic - Floor At NW Corner (N Of TSI Run)</p> <p>Analyst Description: Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 95 %, Non-fibrous 5 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-6	919051876-06	No	NAD
<p>Location: Blown-In Insulation (Pink, Fiberglass) / Center - South - Attic - Floor At SW Corner (S Of TSI Run)</p> <p>Analyst Description: Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 95 %, Non-fibrous 5 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-7	919051876-07	No	NAD
<p>Location: Blown-In Insulation (Pink, Fiberglass) / Center - South - Attic - Floor At NE Corner (N Of TSI Run)</p> <p>Analyst Description: Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 95 %, Non-fibrous 5 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-8	919051876-08	No	NAD
<p>Location: Blown-In Insulation (Gold / Pink, Fiberglass) / West Attic - Floor At SW Corner At (N Of Vert TSI Run)</p> <p>Analyst Description: Gold/Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 90 %, Non-fibrous 10 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-9	919051876-09	No	NAD
<p>Location: Blown-In Insulation (Pink, Fiberglass) / East Attic - Floor At Center-N (S Of TSI Run)</p> <p>Analyst Description: Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 90 %, Non-fibrous 10 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>

PLM Bulk Asbestos Report

11195984.01; HSU; Gist Hall Attic

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
11195984-Attic-10	919051876-10	No	NAD
<p>Location: Blown-In Insulation (Pink, Fiberglass) / East Attic - Floor At SW Corner (N Of TSI Run)</p> <p>Analyst Description: Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 90 %, Non-fibrous 10 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-11	919051876-11	No	NAD
<p>Location: Blown-In Insulation (Gold/Pink, Fiberglass) / Center West - Floor At Center - S (N Of TSI Run)</p> <p>Analyst Description: Gold/Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 95 %, Non-fibrous 5 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-12	919051876-12	No	NAD
<p>Location: Blown-In Insulation (Pink, Fiberglass) / Center West - Floor At Center (E Of Horizontal TSI Run)</p> <p>Analyst Description: Pink, Homogeneous, Fibrous, Blown-In Insulation</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 90 %, Non-fibrous 10 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-13	919051876-13L1	No	NAD
<p>Location: Remnant TSI (Yellow, Fiberglass) & Foil Cover (White, Silver) / West Attic - Floor At TSI Remnant At Center</p> <p>Analyst Description: Yellow, Homogeneous, Fibrous, TSI</p> <p>Asbestos Types:</p> <p>Other Material: Fibrous glass 95 %, Non-fibrous 5 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-13	919051876-13L2	No	NAD
<p>Location: Remnant TSI (Yellow, Fiberglass) & Foil Cover (White, Silver) / West Attic - Floor At TSI Remnant At Center</p> <p>Analyst Description: Silver, Homogeneous, Fibrous, Foil/Paper</p> <p>Asbestos Types:</p> <p>Other Material: Cellulose 20 %, Non-fibrous 80 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>
11195984-Attic-14	919051876-14	No	NAD
<p>Location: Coating / Paint Remnant (Off-White, Grey) / East Attic - North At Center - NW</p> <p>Analyst Description: Off-White, Homogeneous, Non-Fibrous, Coating</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p>			<p>(by CVES) by Johana Perez on 05/31/19</p>

Client Name: GHD

PLM Bulk Asbestos Report

11195984.01; HSU; Gist Hall Attic

Reporting Notes:

Analyzed By: Johana Perez JP; Date Analyzed: 5/31/2019 5-31-19

*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 alah

919051876



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Contact Name: Scott Harris, Matt Tolley
 Contact Email: scott.harris@ghd.com, matt.tolley@ghd.com
 Analysis Method: PLM (Asbestos) - please provide result for each layer where multiple materials exist
 Turnaround Time: **RUSH - 8-HOUR ANALYSIS**

Sample Date: 5/29/2019
 Client: HSU
 Site: Gist Hall Attic
 Project #: 11195984.01

11195984.01

Sample Number	Sample Description	Location	USEPA Material Type	Friability
11195984-ATTIC-1	3" O.D. Pipe Insulation (yellow) + Fibrous Backing (white)	Basement - Above Drop Ceiling, Hot Water Supply Run - West side at 3" O.D. pipe run	TSI	F
11195984-ATTIC-2	3" O.D. Pipe Insulation (yellow) + Fibrous Backing (white)	Basement - Above Drop Ceiling, Hot Water Return Run - West side at 3" O.D. pipe run	TSI	F
11195984-ATTIC-3	Blown-in Insulation (yellow, fiberglass)	East Attic - Floor at south-SW (N of TSI run)	TSI	F
11195984-ATTIC-4	Blown-in Insulation (gold/pink, fiberglass)	Center-South Attic - Floor at SE corner (S of TSI run)	TSI	F
11195984-ATTIC-5	Blown-in Insulation (pink, fiberglass)	Center-South Attic - Floor at NW corner (N of TSI run)	TSI	F
11195984-ATTIC-6	Blown-in Insulation (pink, fiberglass)	Center-South Attic - Floor at SW corner (S of TSI run)	TSI	F
11195984-ATTIC-7	Blown-in Insulation (pink, fiberglass)	Center-South Attic - Floor at NE corner (N of TSI run)	TSI	F
11195984-ATTIC-8	Blown-in Insulation (gold/pink, fiberglass)	West Attic - Floor at SW corner at (N of vert TSI run)	TSI	F
11195984-ATTIC-9	Blown-in Insulation (pink, fiberglass)	East Attic - Floor at center-N (S of TSI run)	TSI	F
11195984-ATTIC-10	Blown-in Insulation (pink, fiberglass)	East Attic - Floor at SW corner (N of TSI run)	TSI	F
11195984-ATTIC-11	Blown-in Insulation (gold/pink, fiberglass)	Center West - Floor at center-S (N of TSI run)	TSI	F
11195984-ATTIC-12	Blown-in Insulation (pink, fiberglass)	Center West - Floor at center (E of horizontal TSI run)	TSI	F

Assumptions
 5/30/14 @ 10:55

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Released by: *MATT TOLLEY FOR MR. SCOTT HARRIS*
 Date/time: *5/30/14 @ 13:15 TO FEDEX*
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19051876



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Ph: (707) 443-8326

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Contact Name:

Contact Email:

Analysis Method:

Turnaround Time:

Scott Harris, Matt Tolley

scott.harris@ghd.com, matt.tolley@ghd.com

PLM (Asbestos) - please provide result for each layer where multiple materials exist

RUSH - 8-HOUR ANALYSIS

11195984.01

Sample Date: 5/29/2019

Client: HSU

Site: Gist Hall Attic

Project #: 11195984.01

Sample Number	Sample Description	Location	USEPA Material Type	Friability
11195984-ATTIC-13	Remnant TSI (yellow, fiberglass) + foil cover (white, silver)	West Attic - Floor at TSI remnant at center	TSI	F
11195984-ATTIC-14	Coating/paint remnant (off-white, grey)	East Attic - North at center-NW	TSI	F

MT

Pissurini from
5/30/19 @ 10:55

Released by: MATTIE TOLLEY For: Mr. Scott Harris
Date/time: 5/30/19 @ 15:15 TO FEDEV
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