



ASBESTOS AND LEAD PAINT BUILDING MATERIALS SURVEY FOR: FACILITIES MANAGEMENT BUILDING MEMORIAL UNIVERSITY OF NEWFOUNDLAND



Prepared for: Memorial University of Newfoundland

St. John's, NL

Pinchin LeBlanc Environmental Ltd Project No. 02-02-00900

June 19, 2013

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ISO 9001:2008 Registered Quality System (Dartmouth, NS)

EXECUTIVE SUMMARY

Pinchin LeBlanc Environmental Limited (Pinchin) was retained by Memorial University of Newfoundland to perform asbestos and lead paint surveys in selected buildings on the Memorial University of Newfoundland's St. John's, NL campus. A total of twenty-seven (27) buildings were surveyed for asbestos containing materials (ACM) and lead based paints (LBP). This report will provide the findings for the following location;

BUILDING DESCRIPTION: FACILITIES MANAGEMENT BUILDING

BUILDING ADDRESS: MEMORIAL UNIVERSITY OF NL, ST. JOHN'S CAMPUS, NL

A summary of the findings for the Facilities Management Building (hereafter referred to as "Site Building") is provided. For specific recommendations regarding any hazardous materials listed the reader will refer to Sections 3 and 4 of this report:

- 1. Friable asbestos-containing building materials were identified in the Site Building, specifically parging cement.
- 2. Non-friable materials with the potential to become friable during renovation and demolition activities were identified inside the Site Building, specifically specifically acoustic ceiling tiles and drywall joint compound;
- 3. Non-friable asbestos-containing building materials were identified in the Site Building, specifically vinyl floor tiles, tar mastics; and transite.
- 4. Paints containing greater than 600 mg/kg of lead were identified in the Site Building, specifically the dark green paint as observed in room 2018.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

TABLE OF CONTENTS 1.0 INTRODUCTION1 2.0 3.0 3.1 3.2 33 34 3.5 3.6 3.7 38 4.0 5.0 APPENDIX I ASBESTOS ANALYTICAL REPORT APPENDIX II LEAD PAINT ANALYTICAL REPORT

APPENDIX III SITE DRAWINGS

APPENDIX IV SAMPLE LOG

1.0 INTRODUCTION

Pinchin LeBlanc Environmental Ltd. (Pinchin) was retained by Memorial University of Newfoundland to perform asbestos and lead paint surveys in selected buildings on the Memorial University of Newfoundland's St. John's, NL campus. A total of twenty-seven (27) buildings were surveyed for asbestos containing materials (ACM) and lead based paints (LBP). This report will provide the findings for the following location;

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The report presents a detailed investigation of condition, quantity, location, access, and type of ACM and LBP present in the building. The Overview Report, provided under separate cover, provides detailed information regarding the survey methodology, sampling procedure, evaluation criteria, suspect materials and regulatory information.

Provincial regulations and guidelines distinguish between friable¹ and non-friable² materials. The asbestos building materials survey performed by Pinchin included a search for both friable and common non-friable ACM.

For reporting purposes, the survey will be divided into sections. The report is presented in this manner to accommodate ease in reading and to allow access to report information for specific areas or materials within the building. The report also addresses specific systems and products likely present in the building. The sections of the report are as follows:

- 2.0 Survey Information
- 3.0 ACM Survey Findings
- 4.0 LBP Survey Findings

¹ The term friable is applied to a material that can be readily reduced to dust or powder by hand or moderate pressure. Friable ACM has a much greater potential to release airborne asbestos fibres when disturbed. The most common friable ACM used in the past are sprayed or trowelled materials (for fireproofing or thermal insulation), texture plaster (decorative or acoustic), and mechanical insulations.

² Common non-friable ACM include vinyl floor tiles, ceiling tiles, gasket materials, asbestos cement pipe or board (transite), and asbestos textiles. Although a product may be considered non-friable when new, if the product releases fine dust due to deterioration or during removal, the free dust is considered friable. For example, most lay-in or glued on acoustic ceiling tiles release significant dust during removal of large quantities of these tiles.

5.0 Recommendations

2.0 SURVEY INFORMATION

The survey was conducted on between August and September, 2012. The survey, collection of representative bulk samples, and recording of information was performed by Mr. Trent Hardy and Mr. Philip Lowery of Pinchin. All accessible areas of the building were inspected for the presence of asbestos containing materials (ACM) and lead based paints (LBP).

A total of fifty-three (53) representative bulk samples were collected for analysis for asbestos content,

A total of eight (8) bulk samples were collected for analysis of lead content.

3.0 ACM SURVEY FINDINGS

The ACM found during this survey are detailed in the location & data excel document provided to the client. The excel document serves as the clients active asbestos management plan. Quantities of materials identified, locations and friable or non-friable are also present in this excel file. Laboratory certificates for asbestos samples collected are presented in Appendix I and lead samples are presented in Appendix II. Sample location drawings are provided in Appendix III. A photographic record of the samples collected during the survey of the building is presented in Appendix IV. The following is summary of the findings for this building.

3.1 Sprayed or Trowelled Fireproofing and Thermal Insulation

No spray applied fireproofing was identified in the site building.

3.2 Mechanical Insulation

Insulating cement, also referred to as "parging cement", present on pipe elbows and fittings was sampled in room 1018 and 2036 and contains 30% Chrysotile (reference sample 02-02-900-S044). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

The tar mastic used on the elbows and fittings was sampled from the site building and contains 10 % chrysotile (reference sample 02-02-900-S019). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

Tar paper used on the straight piping was sampled in the site building. Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S018).

Brown tar paper used on the straight piping was sampled in the site building. Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S021).

3.3 Acoustic Ceiling Tiles

Ten (10) samples were collected of acoustic ceiling tiles were observed in the site building. Results from one (1) of the ten (10) samples indicate 5% chrysotile asbestos. A summary of the acoustic ceiling tiles samples collected is observed as follows:

- The 2'x 4' acoustic ceiling tile distinguished with a longitudinal fissures and pinhole pattern sampled in room 1018 contains 5% chrysotile asbestos (reference sample 02-02-900-S003). For locations and conditions of this material at the time of the building survey refer to location & data excel document. ;
- The 2'x 2' acoustic ceiling tile distinguished with a 2" block pattern sampled in room 2033 does not contain asbestos (reference sample 02-02-900-S042);
- The 2'x 2' acoustic ceiling tile distinguished with a large fissure and pinhole pattern sampled in room 2024 does not contain asbestos (reference sample 02-02-900-S041);
- The 2'x 2' acoustic ceiling tile distinguished with a pinhole and fleck pattern sampled in room 1026 does not contain asbestos (reference sample 02-02-900-S010);
- The 2'x 4' acoustic ceiling tile distinguished by an abundant perpendicular fissures and pinhole pattern sampled in room 2003 does not contain asbestos (reference sample 02-02-900-S034);
- The 2'x 4' acoustic ceiling tile distinguished with a dense pinhole and fleck pattern sampled in room 1019 does not contain asbestos (reference sample 02-02-900-S007);
- The 2'x 4' acoustic ceiling tile distinguished with perpendicular fissures and pinhole pattern sampled in room 1018 does not contain asbestos (reference sample 02-02-900-S002);
- The 2'x 4' acoustic ceiling tile distinguished with a pinhole and fleck pattern sampled from room 1018 does not contain asbestos (reference sample 02-02-900-S004);

- The 2'x 4' acoustic ceiling tile distinguished with a pinhole and hole pattern sampled in room 1019 does not contain asbestos (reference sample 02-02-900-S006);and
- The 2'x 4' acoustic ceiling tile distinguished with a thick fissures and pinhole sampled in room 1023 does not contain asbestos (reference sample 02-02-900-S017).

3.4 Drywall, Plaster, and Texture Finishes

Drywall was used as a wall and ceiling finish throughout the building. Until the early to mid-1980s, drywall joint compound may have contained chrysotile asbestos. Drywall joint compound is considered a non-friable material. Most buildings of this type undergo constant renovation, including the removal and replacement of drywall partitions. Therefore extensive sampling of drywall compound is necessary to come to a reasonable conclusion regarding the extent of asbestos. Furthermore, any attempt to distinguish and delineate all asbestos-containing drywall compounds from new non-asbestos drywall compound is often unachievable. Therefore, drywall joint compound was sampled at walls, which were believed to be original to try to define the presence of asbestos content in the original drywall compound.

Ten (10) samples, in total, of drywall joint compound were collected in the site building. Results from three (3) of the ten (10) samples collected contain 3% chrysotile asbestos (reference samples 02-02-900-S013, 02-02-900-S031 and 02-02-900-S051).

One (1) sample was collected of the ceiling stucco from room 2S01 in the site building. Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S029).

3.5 Vinyl Flooring Materials

<u>3.5.1</u> Vinyl Floor Tiles

Eleven (11) types of vinyl floor tiles were observed in the site building. Results from two (2) of the eleven (11) samples collected contain asbestos. A list of the visually different asbestos and non-asbestos containing vinyl floor tiles is provided below:

3.5.1.1 Asbestos Containing Vinyl Floor Tiles

Asbestos Containing Vinyl Floor Tiles							
Facilities Management Building							
Sample Number	Sample NumberDescriptionLocationAsbestos (%)						
02-02-900-8050	12"x12" vinyl floor tiles - white with abundant light grey flecks	Room 2038G	3% Chrysotile				
02-02-900-S035 12"x12" vinyl floor tiles - white with large Room 2016 3% Chrysotile grey streaks							
	For locations and conditions of this material at the time of the building survey refer to location & data excel document						

3.5.1.2 Non-Asbestos Containing Vinyl Floor Tiles

	Non-Asbestos Containing Vinyl Floor Tiles			
	Facilities Management Building			
Sample Number	Description	Location		
02-02-900-S045	12"x12" vinyl floor tiles - black with white flecks	Room 2038		
02-02-900-S022	12"x12" vinyl floor tiles - light grey with abundant blue flecks	Room 1013		
02-02-900-S026	12"x12" vinyl floor tiles - light grey with abundant purple flecks	Room 1004		
02-02-900-S033	12"x12" vinyl floor tiles - tan with brown streaks	Room 2003		
02-02-900-S046	12"x12" vinyl floor tiles - white with abundant brown flecks	Room 2038		
02-02-900-S016	12"x12" vinyl floor tiles - white with black streaks	Room 1023		
02-02-900-8032	12"x12" vinyl floor tiles - white with long black streaks	Room 2003		
02-02-900-S038	12"x12" vinyl floor tiles - white with thick brown streaks	Room 2020c		

Non-Asbestos Containing Vinyl Floor Tiles				
Facilities Management Building				
Sample Number	Description	Location		
02-02-900-8049	12"x12" vinyl floor tiles - yellow	Room 2038g		
For locations and conditions of this material at the time of the building survey refer to location & data excel document				

<u>3.5.2</u> Vinyl Sheet Flooring

Nine (9) types of vinyl floor tiles were observed in the site building. Results from one (1) of the nine (9) samples collected contain asbestos. A list of the visually different asbestos and non-asbestos vinyl floor covering is provided in the tables below:

3.5.2.1 Asbestos Containing Vinyl Sheet Flooring

Asbestos Containing Vinyl Sheet Flooring						
Facilities Management Building						
Sample Number	mple Number Description Location Asbestos (%					
02-02-900-S047 Subsurface Vinyl Flooring Material Room 2038 3% Chrysotile						
For locations and conditions of this material at the time of the building survey refer to location & data excel document.						

3.5.2.2 Non-Asbestos Containing Vinyl Sheet Flooring

Non-Asbestos Containing Vinyl sheet Flooring Facilities Management Building			
Sample Number	Description	Location	
02-02-900-S027	Vinyl Sheet Flooring - Blue	Room 1003	
02-02-900-S040	Vinyl Sheet Flooring - Blue Speckled Pattern	Room 2019	
02-02-900-S012	Vinyl Sheet Flooring - Brown Stone Pattern	Room 1026A	
02-02-900-8009	Vinyl Sheet Flooring - Pink	Room 1026	

	Non-Asbestos Containing Vinyl sheet Flooring			
Facilities Management Building				
Sample Number	Description	Location		
02-02-900-S037	Vinyl Sheet Flooring - Tan Speckled Pattern	Room 2018		
02-02-900-S008	Vinyl Sheet Flooring - Yellow	Room 1026		
02-02-900-S030	Vinyl Sheet Flooring - Yellow	Room 2000		
02-02-900-S028	Vinyl Sheet Flooring - Yellow with Black Specks	Room 1002		
For locations and conditions of this material at the time of the building survey refer to location & data excel document.				

3.6 Asbestos Cement Products

The black phenolic lab bench also referred as "transite counter" was sampled in room 1013 and the similar sheeting was sampled in room 1V02 and analysis has identified the presence of 15-20% chrysotile asbestos (reference sample 02-02-900-S024 and 02-02-900-S053). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

3.7 Vermiculite Insulation

No vermiculite containing products were observed. Visual observations were made above the ceiling and through any hatches.

3.8 Other Asbestos Containing Building Materials

Tar mastics on the sinks (black and gold colour) were sampled and both theses sample contain 8-10% chrysotile asbestos (reference samples 02-02-900-S025 and 02-02-900-S014). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

Tar mastics on the ducts (grey and red) were sampled and both theses sample contain 3-5% chrysotile asbestos (reference samples 02-02-900-S011 and 02-02-900-S015). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

4.0 LBP SURVEY FINDINGS

Analytical results indicate that one (1) of the samples collected of painted surfaces would be considered a risk to worker exposure during construction or renovation activities (with lead concentrations exceeding 0.06%). The dark green paint as observed in room 2018 (reference sample 02-02-900-L004) contains 0.067%, and as such should be managed as lead containing.

5.0 **RECOMMENDATIONS**

Asbestos containing materials and lead based paints have been identified in the Site Building. Listed below are a series of general recommendations for the Site Building. Recommendations provided in the Overview Report may also be reviewed and applied to this building.

Friable ACMs

Friable asbestos containing materials identified inside the Site Building include: parging cement.

- Type III (high risk) asbestos abatement procedures should be carried out for the scheduled removal of greater than 1ft² of friable asbestos containing materials. Alternatively, Type II (moderate risk) glove bag abatement procedures may be applied where practical;
- 2. Type II (moderate risk) asbestos abatement procedures should be carried out for the scheduled repair or enclosure of friable ACMs or for the removal of less than 1ft² of material;

Potentially Friable Materials

Potentially friable asbestos containing materials identified inside the Site Building include: acoustic ceiling tiles and drywall joint compound.

- 1. Under the NL guidance documents for moderate and low risk asbestos abatement procedures, removal of less than 16ft² of ceiling tile should be removed using Type I (low risk) asbestos abatement procedures. Removal of more than 16ft² but less than 100ft² of ceiling tile should be removed using Type II (moderate risk) asbestos abatement procedures. Should more than 100 ft² be removed, use Type III (high risk) asbestos abatement procedures.
- 2. Under the NL guidance documents for moderate and low risk asbestos abatement procedures, quantities of drywall joint compounds within an enclosure exceeding 100 ft² should be removed using Type III (high risk) asbestos abatement procedures. Quantities

less than 100 ft² but exceeding 10ft² should be removed using Type II (moderate risk) asbestos abatement procedures, while quantities less than 10 ft² should be removed using Type I (low risk) asbestos abatement procedures.

Non-Friable Materials

Non-friable asbestos containing materials identified inside the Site Building include: tar mastics, transite, and vinyl floor products.

- 1. Type I (low risk) asbestos abatement procedures should be carried out for the scheduled disturbance of any non-friable materials provided the materials can be removed intact, and without the use of powered hand tools.
- 2. Should the use of powered hand tools or excessive breakage of the materials become necessary, Type II (moderate risk) asbestos abatement procedures should be adopted.

Lead Based Paints

Do not grind, sand, torch or cut lead materials without using proper procedures, as material poses a health hazard if disturbed by these methods.

Any painted surfaces visually matching the identified paint colors should be managed as lead containing and necessary precautions (i.e.: worker protection) should be employed prior to the disturbance to these materials. Do not grind, sand, torch or cut lead materials without using proper procedures, as material poses a health hazard if disturbed by these methods.

Should there be any questions pertaining to the contents of this report, please do not hesitate to contact the undersigned at our office.

PINCHIN LEBLANC ENVIRONMENTAL LIMITED

Prepared by;

Regional Vice President pstaeben@pinchinleblanc.com

APPENDIX I

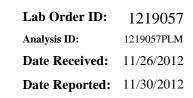
ASBESTOS ANALYTICAL REPORT



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESLUS	Components	Components	Treatment
02-02-900- S001	Drywall Joint Compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1219057PLM_1					Crushed
02-02-900- S002	2'x 4' Acoustic Ceiling Tile - Perpindicular Fissures + Pinhole	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	Tan, White Fibrous Heterogeneous
1219057PLM_2					Crushed
02-02-900- S003	2'x 4' Acoustic Ceiling Tile - Longitudinal Fissures + Pinhole	5% Chrysotile	75% Mineral Wool	20% Other	White Fibrous Heterogeneous
1219057PLM_3	-				Crushed
02-02-900- S004	2'x 4' Acoustic Ceiling Tile - Pinhole + Fleck	None Detected	50%Cellulose30%Fiber Glass	10%Perlite10%Other	Gray, White Fibrous Heterogeneous
1219057PLM_4					Crushed
02-02-900- S005	Parging Cement	None Detected	30% Mineral Wool	70% Other	Gray Fibrous Heterogeneous
1219057PLM_5	-				Crushed
02-02-900- S006	2'x 4' Acoustic Ceiling Tile - Pinhole + Hole	None Detected	40% Cellulose 40% Fiber Glass	10%Perlite10%Other	Tan, White Fibrous Heterogeneous
1219057PLM_6					Crushed
02-02-900- S007	2'x 4' Acoustic Ceiling Tile - Dense Pinhole + Fleck	None Detected	40%Cellulose40%Fiber Glass	20% Other	Tan, White Fibrous Heterogeneous
1219057PLM_7	1				Crushed
02-02-900- S008 - A	Vinyl Sheet Flooring - Yellow	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1219057PLM_8	vinyl				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agenc

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Analyst

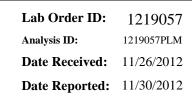
Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIUS	Components	Components	Treatment
02-02-900- S008 - B	Vinyl Sheet Flooring - Yellow	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1219057PLM_53	mastic mastic				Dissolved
02-02-900- S009 - A	Vinyl Sheet Flooring - Pink	None Detected		100% Other	Pink Non Fibrous Homogeneous
1219057PLM_9	- vinyl				Dissolved
02-02-900- S009 - B	Vinyl Sheet Flooring - Pink	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1219057PLM_54	- mastic				Dissolved
02-02-900- S010	2'x 2' Acoustic Ceiling Tile - Pinhole + Fleck	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Tan, White Fibrous Heterogeneous
1219057PLM_10					Crushed
02-02-900- S011	Grey Tar Mastic On Ductwork	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
1219057PLM_11					Dissolved
02-02-900- S012 - A	Vinyl Sheet Flooring - Brown Stone Pattern	None Detected	15% Cellulose	85% Other	Brown Fibrous Heterogeneous
1219057PLM_12	vinyl				Dissolved
02-02-900- S012 - B	Vinyl Sheet Flooring - Brown Stone Pattern	None Detected		100% Other	Brown Non Fibrous Homogeneous
1219057PLM_55	mastic				Dissolved
02-02-900- S013	Drywall Joint Compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1219057PLM_13	-				Crushed

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Analyst

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By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020

Paul Staeben

Attn: Dawn Benteau



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3

 Lab Order ID:
 1219057

 Analysis ID:
 1219057PLM

 Date Received:
 11/26/2012

 Date Reported:
 11/30/2012

Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIUS	Components	Components	Treatment
02-02-900- S014	Gold Tar Mastic On Sink	8% Chrysotile		92% Other	Gold Non Fibrous Heterogeneous
1219057PLM_14	-				Dissolved
02-02-900- S015	Red Tar Mastic On Ductwork	5% Chrysotile		95% Other	Gray Non Fibrous Homogeneous
1219057PLM_15	-				Dissolved
02-02-900- S016 - A	1'x1' Vinyl Floor Tiles - White With Black Streaks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219057PLM_16	tile				Dissolved
02-02-900- S016 - B	1'x1' Vinyl Floor Tiles - White With Black Streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219057PLM_56	mastic				Dissolved
02-02-900- S017	2'x 4' Acoustic Ceiling Tile - Thick Fissures + Pinhole	None Detected	40%Cellulose40%Fiber Glass	20% Other	Tan, White Fibrous Heterogeneous
1219057PLM_17	-				Crushed
02-02-900- S018	Tar Paper On Straight Pipe Insulation	None Detected	40% Cellulose 10% Fiber Glass	50% Other	Black Fibrous Heterogeneous
1219057PLM_18	-				Dissolved
02-02-900- S019	Tar Mastic On Seams of Straight Pipe Insulation	10% Chrysotile		90% Other	Black Non Fibrous Heterogeneous
1219057PLM_19	-				Dissolved
02-02-900- S020	Drywall Joint Compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1219057PLM_20	-				Crushed

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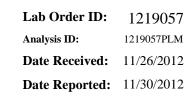
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By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIOS	Components	Components	Treatment
02-02-900- S021	Brown Tar Paper On Straight Run Pipe Insulation paper/tar	None Detected	70% Cellulose	30% Other	White, Brown, Black Fibrous Heterogeneous
1219057PLM_21	puper, un				Dissolved
02-02-900- S022 - A	1'x1' Vinyl Floor Tiles - Light Grey With Abundant Blue Flecks	None Detected		100% Other	Blue, Gray Non Fibrous Heterogeneous
1219057PLM_22	tile				Dissolved
02-02-900- S022 - B	l'x1' Vinyl Floor Tiles - Light Grey With Abundant Blue Flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219057PLM_57	mastic				Dissolved
02-02-900- S023	Drywall Joint Compound	None Detected		100% Other	Tan, White Non Fibrous Homogeneous
1219057PLM_23	_				Crushed
02-02-900- S024	Countertop	15% Chrysotile		85% Other	Black Fibrous Heterogeneous
1219057PLM_24	-				Crushed
02-02-900- S025	Black Tar Mastic On Sink	10% Chrysotile		90% Other	Black Non Fibrous Heterogeneous
1219057PLM_25	-				Dissolved
02-02-900- S026 - A	1'x1' Vinyl Floor Tiles - Light Grey With Abundant Purple Flecks	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1219057PLM_26	tile				Dissolved
02-02-900- S026 - B	1'x1' Vinyl Floor Tiles - Light Grey With Abundant Purple Flecks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1219057PLM_58	- mastic				Dissolved

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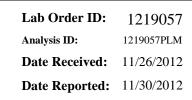
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Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESLUS	Components	Components	Treatment
02-02-900- S027 - A	Vinyl Sheet Flooring - Blue	None Detected		100% Other	Blue Non Fibrous Homogeneous
1219057PLM_27	vinyl				Dissolved
02-02-900- S027 - B	Vinyl Sheet Flooring - Blue	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1219057PLM_59	mastic				Dissolved
02-02-900- S028 - A	Vinyl Sheet Flooring - Yellow with Black Specks	None Detected	15%Cellulose5%Fiber Glass	80% Other	Yellow Fibrous Heterogeneous
1219057PLM_28	vinyl				Dissolved
02-02-900- S028 - B	Vinyl Sheet Flooring - Yellow with Black Specks	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1219057PLM_60	mastic				Dissolved
02-02-900- S029	Ceiling Stucco	None Detected		100% Other	White Non Fibrous Heterogeneous
1219057PLM_29	-				Crushed
02-02-900- S030 - A	Vinyl Sheet Flooring - Yellow	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1219057PLM_30	vinyl				Dissolved
02-02-900- S030 - B	Vinyl Sheet Flooring - Yellow	None Detected	2% Cellulose	98% Other	Yellow Non Fibrous Homogeneous
1219057PLM_61	mastic				Dissolved
02-02-900- S031	Drywall Joint Compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1219057PLM_31					Crushed

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Dorlos Ammerman (71)

Analyst

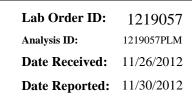
Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S032 - A	1'x1' Vinyl Floor Tiles - White with Long Black Streaks <i>tile</i>	None Detected		100% Other	White Non Fibrous Heterogeneous
1219057PLM_32					Dissolved
02-02-900- S032 - B	1'x1' Vinyl Floor Tiles - White with Long Black Streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219057PLM_62	mastic				Dissolved
02-02-900- S033 - A	1'x1' Vinyl Floor Tiles - Tan With Brown Streaks	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1219057PLM_33	tile tile				Dissolved
02-02-900- S033 - B	1'x1' Vinyl Floor Tiles - Tan With Brown Streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219057PLM_63	mastic				Dissolved
02-02-900- S034	2'x 4' Acoustic Ceiling Tile - Abundant Perpindicular Fissures + Pinhole	None Detected	40% Cellulose 40% Fiber Glass	10%Perlite10%Other	Tan, White Fibrous Heterogeneous
1219057PLM_34					Crushed
02-02-900- S035 - A	1'x1' Vinyl Floor Tiles - White with Large Grey Streaks	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1219057PLM_35	tile tile				Dissolved
02-02-900- S035 - B	1'x1' Vinyl Floor Tiles - White with Large Grey Streaks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1219057PLM_64	<i>mastic</i>				Dissolved
02-02-900- S036	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Homogeneous
1219057PLM_36	-				Crushed

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Analyst

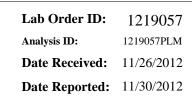
Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIUS	Components	Components	Treatment
02-02-900- S037	Vinyl Sheet Flooring - Tan Speckled Pattern	None Detected		100% Other	Tan Non Fibrous Homogeneous
1219057PLM_37	vinyl only				Dissolved
02-02-900- S038 - A	l'x1' Vinyl Floor Tiles - White with Thick Brown Streaks	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1219057PLM_38	tile				Dissolved
02-02-900- S038 - B	1'x1' Vinyl Floor Tiles - White with Thick Brown Streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219057PLM_65	mastic				Dissolved
02-02-900- S039	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Homogeneous
1219057PLM_39					Crushed
02-02-900- S040 - A	Vinyl Sheet Flooring - Blue Speckled Pattern	None Detected		100% Other	Blue Non Fibrous Homogeneous
1219057PLM_40	vinyl				Dissolved
02-02-900- S040 - B	Vinyl Sheet Flooring - Blue Speckled Pattern	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1219057PLM_66	mastic				Dissolved
02-02-900- S041	2'x 2' Acoustic Ceiling Tile - Large Fissure + Pinhole	None Detected	50%Cellulose30%Fiber Glass	10%Perlite10%Other	Tan, White Fibrous Heterogeneous
1219057PLM_41	-				Crushed
02-02-900- S042	2'x 2' Acoustic Ceiling Tile - 2" Block Pattern	None Detected	50%Cellulose30%Fiber Glass	10%Perlite10%Other	Tan, White Fibrous Heterogeneous
1219057PLM_42	-				Crushed

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Dorlos Ammerman (71)

Analyst

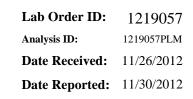
Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASDESIUS	Components	Components	Treatment
02-02-900- S043	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Homogeneous
1219057PLM_43	-				Crushed
02-02-900- S044	Parging Cement on 2" Water Lines	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
1219057PLM_44	-				Teased
02-02-900- S045 - A	1'x1' Vinyl Floor Tiles - Black with White Flecks	None Detected		100% Other	Black Non Fibrous Heterogeneous
1219057PLM_45	tile				Dissolved
02-02-900- S045 - B	1'x1' Vinyl Floor Tiles - Black with White Flecks	None Detected		100% Other	Black Non Fibrous Heterogeneous
1219057PLM_67	mastic				Dissolved
02-02-900- S046 - A	1'x1' Vinyl Floor Tiles - White With Abundant Brown Flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219057PLM_46	tile				Dissolved
02-02-900- S046 - B	1'x1' Vinyl Floor Tiles - White With Abundant Brown Flecks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1219057PLM_68	- mastic				Dissolved
02-02-900- S047 - A	Subsurface Vinyl Flooring Material	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1219057PLM_47	tile				Dissolved
02-02-900- S047 - B	Subsurface Vinyl Flooring Material	None Detected	4% Cellulose	96% Other	Black Non Fibrous Heterogeneous
1219057PLM_69	mastic				Dissolved

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Analyst

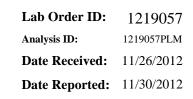
Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S048	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Homogeneous
1219057PLM_48					Crushed
02-02-900- S049 - A	1'x1' Vinyl Floor Tiles - Yellow	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1219057PLM_49	— tile				Dissolved
02-02-900- S049 - B	1'x1' Vinyl Floor Tiles - Yellow	None Detected		100% Other	Black Non Fibrous Heterogeneous
1219057PLM_70	— mastic				Dissolved
02-02-900- S050 - A	1'x1' Vinyl Floor Tiles - White With Abundant Light Grey Flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219057PLM_50	tile tile				Dissolved
02-02-900- S050 - B	1'x1' Vinyl Floor Tiles - White With Abundant Light Grey Flecks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1219057PLM_71	mastic				Dissolved
02-02-900- S051	Drywall Joint Compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1219057PLM_51	1				Crushed
02-02-900- S052	Pipe Elbow Parging	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
1219057PLM_52	-				Teased

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Dorlos Ammerman (71)

Analyst

Nathaniel Durham, MS or Approved Signatory



By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer:	Pinchin LeBlanc Environmental	Attn:	Dawn Benteau	Lab Order ID:	1308168
	27 Austin St 2nd Flr		Paul Staeben	Analysis ID:	1308168_PLM
	St Johns NL A1B 4C3			Date Received:	5/2/2013
Project: (02-02-00900; Facilities Mangement			Date Reported:	5/7/2013

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes		Components	Components	Treatment
02-02-900- S053	Transite	20% Chrysotile		80% Other	Gray Fibrous Heterogeneous
1308168PLM_1					Teased

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Ired Gulley (1)

Analyst

Approved Signatory

APPENDIX II

LEAD PAINT ANALYTICAL REPORT



Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy EPA SW-846 3rd Ed. Method No. 3050B/Method No. 7420



Concentration

Customer:	Pinchin LeBlanc Environmental	Attn:	Dawn Benteau	Lab Order ID:	1219058
	27 Austin St 2nd Flr St Johns NL A1B 4C3		Paul Staeben	Analysis ID: Date Received:	1219058_PBP 11/26/2012
Project: 02	2-02-00900			Date Reported:	12/3/2012

Mass

 Sample ID
 Description

 Lab Sample ID
 Lab Notes

Sample ID Lab Sample ID	Lab Notes	Mass (g)	Analytical Sensitivity (% by weight)	Concentration (% by weight)
02-02-900-L001 1219058PBP_1	White paint	0.0485	0.003%	0.023%
02-02-900-L002 1219058PBP_2	Light green	0.0598	0.002%	0.057%
02-02-900-L003 1219058PBP_3	Light yellow	0.0735	0.002%	0.007%
02-02-900-L004 1219058PBP_4	Dark green	0.0619	0.002%	0.067%
02-02-900-L005 1219058PBP_5	Tan	0.0453	0.003%	< 0.009%
02-02-900-L006 1219058PBP_6	Light blue	0.0486	0.003%	< 0.008%
02-02-900-L007 1219058PBP_7	Red	0.0504	0.003%	0.037%
02-02-900-L008 1219058PBP_8	Bright green	0.0419	0.003%	< 0.01%

The quality control samples run with the samples in this report have passed all AIHA required specifications unless otherwise noted. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by AIHA or any other agency of the U.S. government.

Robert Duke (8)

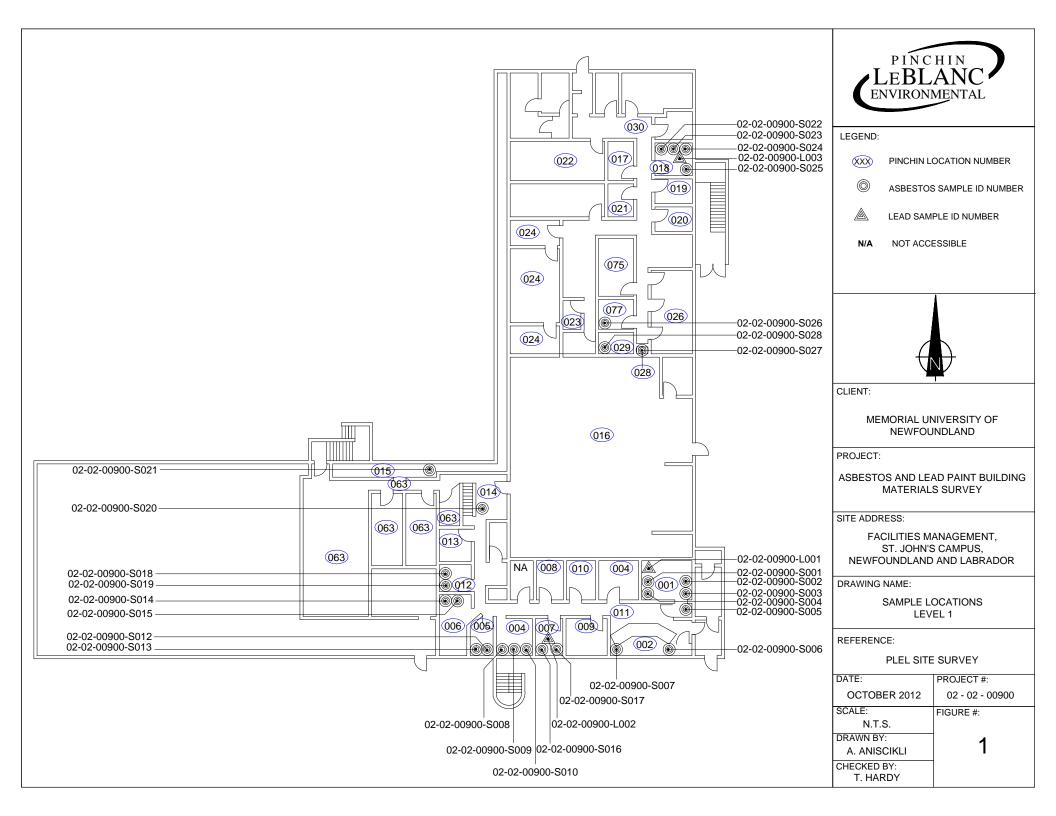
Analyst

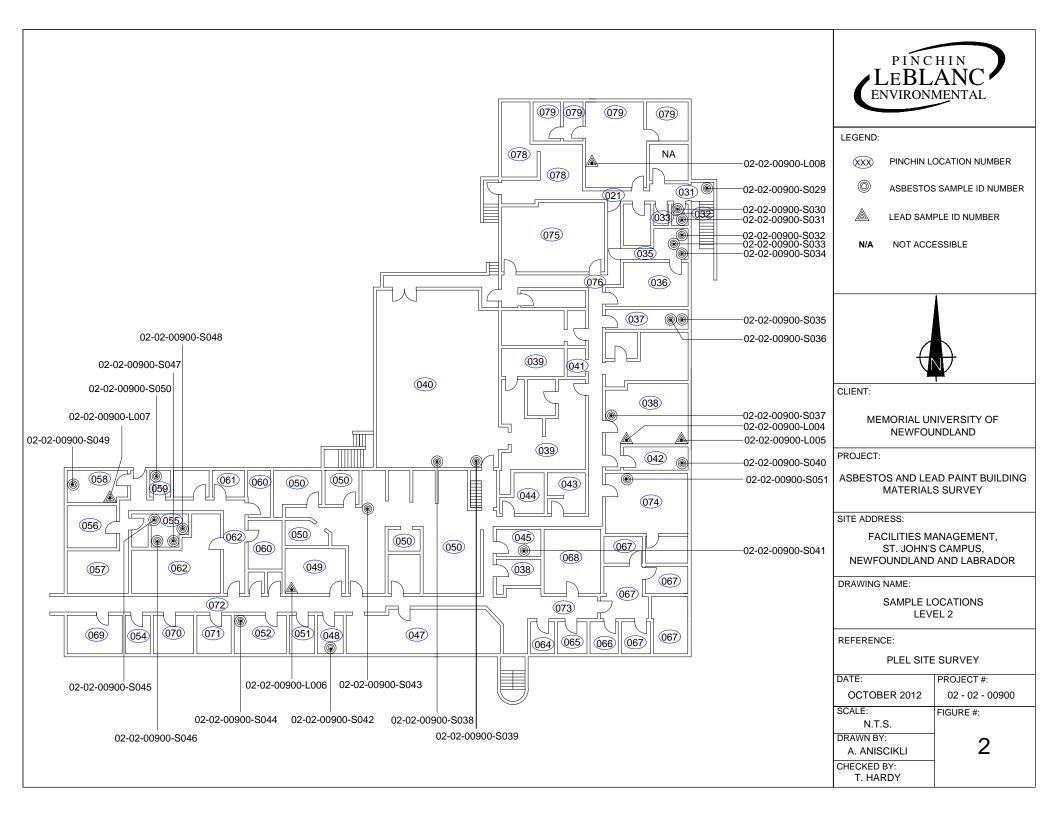
Laboratory Director

Analytical Sensitivity

APPENDIX III

SITE DRAWINGS





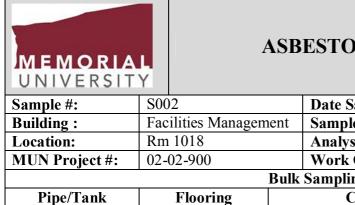
APPENDIX IV

SAMPLE PHOTO LOG



UNIVERSIT	T				
Sample #:	S001		Date Sampled:	September 12, 2	2012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	Rm 1018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring	Ceiling		Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	

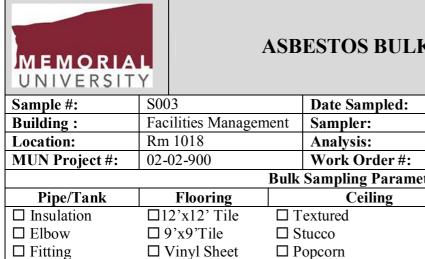




Sample #:	S002		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	Rm 1018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠΠ	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	\Box Rolled	U Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	X Ceiling
□ Transite Pipe	□ Mastic	\Box D	DŴJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	ΧА	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	

iles Perpendicular Fissure and pinhole pattern





Sample #:	S003		Date Sampled:	September 12, 2012		
Building :	Facilities Managem	nent	Sampler:	Trent Hardy		
Location:	Rm 1018		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
		Bulk	Sampling Parameters			
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor	
□ Elbow	□ 9'x9'Tile	□ Stucco		\Box Rolled	□ Wall Orientation	
□ Fitting	□ Vinyl Sheet	□ Popcorn		🗆 Felt	X Ceiling	
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	□ Above Ceiling	
□ Gasket	Wall	$\Box P$	laster		□ Other	
\Box Tank Insulation	□ Transite Panel	XA	coustic Tile (Dropped)			
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)			
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:		
□ Insulation	□ DWJC		Structural			
□ Tape		\Box S	teel F. P. ing	No. of Phases:		
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:		
<u> </u>	2'x4' Acoustic Ceili		es Longitudinal Fissure an			

2'x4' Acoustic Ceiling Tiles Longitudinal Fissure and pinhole pattern



MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING FO	ORM			
Sample #:	S004		Date Sampled:	September 12, 2	2012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	Rm 1018		Analysis:	SAI - PLM				
MUN Project #:	02-02-900							
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	ΠT	extured	\Box Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	□ P	opcorn	□ Felt	X Ceiling			
□ Transite Pipe	□ Mastic	ΠD	WJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	ΧА	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:				
□ Insulation	□ DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	eck F. P. ing	Colour:				
	2'x4' Acoust	ic Cei	ling Tiles Pinhole and Fle	ck pattern				

Pinnole and ern





UNIVERSII	T				
Sample #:	S005		Date Sampled:	September 12, 2	2012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	Rm-1018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring	Ceiling		Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
X Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	X Above Ceiling
□ Gasket	Wall	$\Box P$	laster		\Box Other
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	





Sample #:	S006		Date Sampled:	September 12, 2	012					
-			*	1						
Building :	Facilities Management		Sampler:	Trent Hardy						
Location:			Analysis:	SAI - PLM						
MUN Project #:	02-02-900		Work Order #:							
Bulk Sampling Parameters										
Pipe/Tank	Flooring		Ceiling	Roofing	Location					
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor					
□ Elbow	□ 9'x9'Tile	□ Stucco		\Box Rolled	□ Wall Orientation					
□ Fitting	□ Vinyl Sheet	□ Popcorn		□ Felt	X Ceiling					
□ Transite Pipe	□ Mastic	\Box D	DWJC	🗖 Tar	□ Above Ceiling					
□ Gasket	Wall	ΠP	Plaster		□ Other					
□ Tank Insulation	□ Transite Panel	ХА	coustic Tile (Dropped)							
🗆 Pipe Wrap	□ Textured Wall	$\Box A$	Coustic Tile (Glued-on)							
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:						
□ Insulation	DWJC		Structural							
□ Tape		\Box S	teel F. P. ing	No. of Phases:						
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:						

n





Sample #:	S007		Date Sampled:	September 12, 2012					
Building :	Facilities Management		Sampler:	Trent Hardy					
Location:			Analysis:	SAI - PLM					
MUN Project #:	02-02-900		Work Order #:						
Bulk Sampling Parameters									
Pipe/Tank	Flooring		Ceiling	Roofing	Location				
□ Insulation	□12'x12' Tile	ΠΠ	Textured	□ Shingle	□ Floor				
□ Elbow	□ 9'x9'Tile	□ Stucco		\Box Rolled	U Wall Orientation				
□ Fitting	□ Vinyl Sheet	□ Popcorn		🗆 Felt	X Ceiling				
□ Transite Pipe	□ Mastic		DŴJC	🗆 Tar	□ Above Ceiling				
□ Gasket	Wall	\Box P	laster		□ Other				
□ Tank Insulation	□ Transite Panel	X Acoustic Tile (Dropped)							
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)						
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:					
□ Insulation	DWJC		Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:					
Paper Wrap		\Box I	Deck F. P. ing	Colour:					

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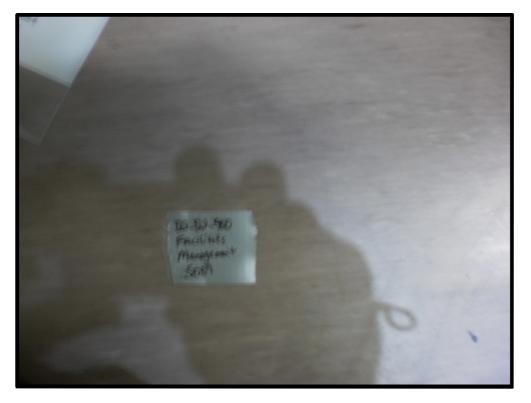


UNIVERSII			1	1	
Sample #:	S008		Date Sampled:	September 12, 2	2012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	Rm 1026		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour: _Yello	W





UNIVERSII	1				
Sample #:	S009		Date Sampled:	September 12, 2	012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	Rm 1026		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	U Wall Orientation
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
\Box Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap			Deck F. P. ing	Colour: _Pink_	





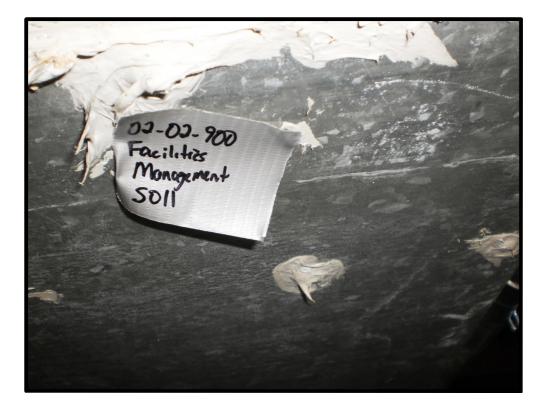
				<u> </u>	<u></u>
Sample #:	S010		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	Rm 1026		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠΠ	extured	□ Shingle	□ Floor
\Box Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	ΠP	opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	\Box Γ	D WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	ΠP	laster		□ Other
□ Tank Insulation	□ Transite Panel	ХА	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	

ern



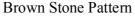


UNIVERSITY								
Sample #:	S011		Date Sampled:	September 12, 2	2012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	1026		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
		Bulk	Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	ΠΠ	Textured	□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	\square P	Popcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	\Box Γ	DWJC	🗆 Tar	X Above Ceiling			
□ Gasket	Wall	\Box P	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	Coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	Coustic Tile (Glued-on)					
HVAC	□ Plaster	ΧN	lastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap			Deck F. P. ing	Colour:				
		Ν	Mastic On Ductwork					





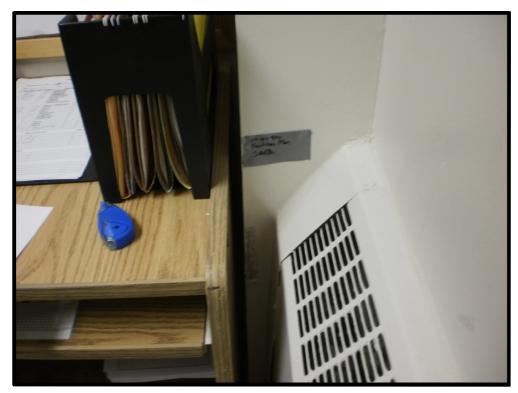
UNIVERSIT	Ť				
Sample #:	S012		Date Sampled:	September 12, 2	2012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	1026A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	X Floor
\Box Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	
		B	rown Stone Pattern		







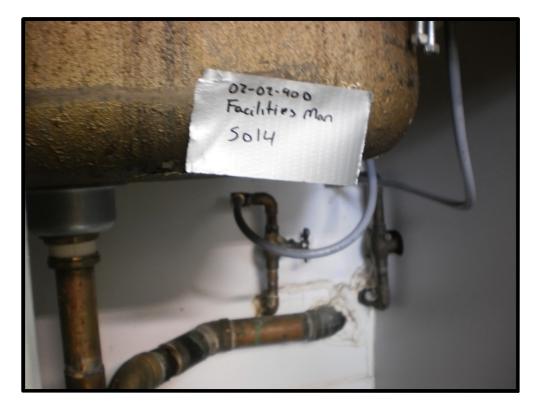
Sample #:	S013		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	1026A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	ΠD	ŴJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		DD	eck F. P. ing	Colour:	





UNIVERSII	Y				
Sample #:	S014		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:			Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠΠ	extured	□ Shingle	□ Floor
\Box Elbow	□ 9'x9'Tile	\Box S	tucco	\Box Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	\Box P	opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic		D ŴJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	\Box P	laster		X Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	ΧM	lastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box I	Deck F. P. ing	Colour:	
		Τa	r Mastic Sink Liner		

Tar Mastic Sink Liner





UNIVERSITY								
Sample #:	S015		Date Sampled:	September 12, 2	2012			
Building :	Facilities Managem	nent	Sampler:	Trent Hardy				
Location:	1027		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
		Bulk	Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	U Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box D$	W JC	🗆 Tar	X Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	ΧM	lastic	Miscellaneous:				
\Box Insulation	□ DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
Paper Wrap		\Box D	Deck F. P. ing	Colour:				
		Rec	d Mastic On Ductwork					





UNIVERSITY								
Sample #:	S016		Date Sampled:	September 12, 2	012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	1023		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
	·	Bulk	Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	ΠΠ	extured	□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	\square P	Popcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic		DWJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	\Box P	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	Coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap			Deck F. P. ing	Colour:				
		Whi	te With Black Streaks					

With Black Streaks white





Sample #:	S017		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	-
Location:	1023		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic		DŴJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
\Box Tank Insulation	□ Transite Panel	ΧА	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	

attern





UNIVERSII					
Sample #:	S018		Date Sampled:	September 12, 2	2012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:			Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗖 Tar	X Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
X Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	





Sample #:	S019		Date Sampled:	September 12, 2	2012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	.012
Location:	1023	lent	Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
	02 02 900	Bulk	Sampling Parameters		
Pipe/Tank	Flooring	Roofing	Location		
□ Insulation	□12'x12' Tile	Ceiling		□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	ЭŴJС	□ Tar	X Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	ΧM	lastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:	





UNIVERSII							
Sample #:	S020		Date Sampled:	September 12, 2	2012		
Building :	Facilities Managem	nent	Sampler:	Trent Hardy			
Location:	1C03		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation		
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling		
□ Transite Pipe	□ Mastic	$\Box D$	W JC	🗖 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:			
□ Insulation	X DWJC	Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:			



MEMORIAL
UNIVERSITY

	1							
Sample #:	S021		Date Sampled:	September 12, 2	012			
Building :	Facilities Managem	nent	Sampler:	Trent Hardy				
Location:	1U02		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
		Bulk	Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	U Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	ΠD	OWJC	🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		X Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
X Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
\Box Insulation	DWJC	Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				
	Tar Paper on straight insulation inside of a pipe chase							

NO PICTURE AVAILABLE



UNIVERSIT			1					
Sample #:	S022		Date Sampled:	September 12, 2012				
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	1013		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X 12'x12' Tile	□ Textured		□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:				
□ Insulation	DWJC	Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				

Light Grey With Abundant Blue Speck Pattern





Sample #:	S023		Date Sampled:	September 12, 2	2012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	1013	lent	Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
Pipe/Tank	Flooring		Sampling Parameters Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	\Box 9'x9'Tile \Box S		tucco	□ Rolled	X Wall Orientation
□ Fitting	\Box Vinyl Sheet \Box Po		opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic		DŴJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	X DWJC	Structural			
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	





Sample #:	S024		Date Sampled:	September 12, 2	2012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	1013		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	\Box Te	extured	□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box St	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	\Box Po	opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\square D$	WJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	🗆 Pl	laster		X Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	\Box M	lastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		\Box St	teel F. P. ing	No. of Phases:				
Paper Wrap		\Box D	eck F. P. ing	Colour:				

Suspect Asbestos Cement Countertop





UNIVERSII			1	1			
Sample #:	S025		Date Sampled:	September 12, 2012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy			
Location:	1013		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation		
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling		
□ Transite Pipe	□ Mastic	\Box D	DWJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		X Other		
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	ΧM	lastic	Miscellaneous:			
\Box Insulation	□ DWJC	Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:			
Paper Wrap			Deck F. P. ing	Colour:			
		Blac	k Tar Mastic Sink Liner				





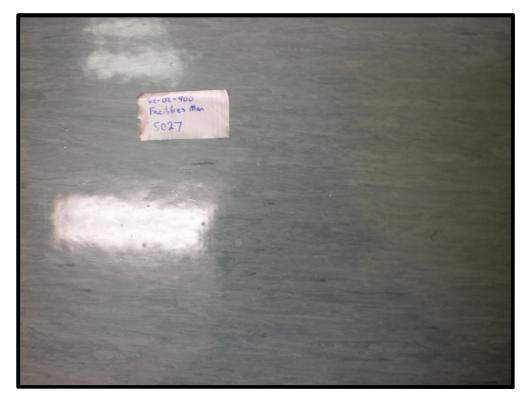
UNIVERSII	1							
Sample #:	S026		Date Sampled:	September 12, 2	012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	1004		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile			□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	🗆 P	opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	\Box D	DWJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	🗆 P	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	Acoustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	Acoustic Tile (Glued-on)					
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				

Light Grey With Abundant Purple Specks





CINIVERSII	S027		Data Samulada	Sontombor 12	0012		
Sample #:			Date Sampled:	September 12, 2012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy			
Location:	1003		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	□12'x12' Tile			□ Shingle	X Floor		
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation		
□ Fitting	XVinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling		
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:			
□ Insulation	DWJC	Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour: Blue	2		





UNIVERSIT	T					
Sample #:	S028		Date Sampled:	September 12, 2	2012	
Building :	Facilities Managem	nent	Sampler:	Trent Hardy		
Location:	1002		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
		Bulk	Sampling Parameters			
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
□ Insulation	□12'x12' Tile			□ Shingle	X Floor	
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	U Wall Orientation	
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling	
□ Transite Pipe	□ Mastic	\Box D	WJC	🗖 Tar	□ Above Ceiling	
□ Gasket	Wall	$\Box P$	laster		□ Other	
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)			
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)			
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:		
□ Insulation	DWJC		Structural			
□ Tape		\Box S	teel F. P. ing	No. of Phases:		
Paper Wrap		\Box D	Deck F. P. ing	Colour:		
Yellow with Black Specks						





Sample #:	S029		Date Sampled:	September 12, 2	2012	
Building :	Facilities Managen	nent	Sampler:	Trent Hardy		
Location:	2S01		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
Bulk Sampling Parameters						
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
□ Insulation	\Box 12'x12' Tile			□ Shingle	□ Floor	
□ Elbow	□ 9'x9'Tile	X St	tucco	□ Rolled	□ Wall Orientation	
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	X Ceiling	
□ Transite Pipe	□ Mastic	\Box D	ЭŴJС	🗆 Tar	□ Above Ceiling	
□ Gasket	Wall	$\Box P$	laster		□ Other	
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)			
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)			
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:		
□ Insulation	DWJC	Structural				
□ Tape		\Box S	teel F. P. ing	No. of Phases:		
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:		





UNIVERSII							
Sample #:	S030		Date Sampled:	September 12, 2	2012		
Building :	Facilities Managem	nent	Sampler:	Trent Hardy			
Location:	2000		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	□12'x12' Tile			□ Shingle	X Floor		
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation		
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling		
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:			
□ Insulation	DWJC	Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour: Y	ellow		





Sample #:	S031		Date Sampled:	September 12, 2	012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	2000		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor			
\Box Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	X Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	\Box D	ЭŴJС	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
□ Insulation	X DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				





UNIVERSIT			1	1	
Sample #:	S032		Date Sampled:	September 12, 2012	
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2003		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X 12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	
	,	White	With Long Black Streaks		

White With Long Black Streaks





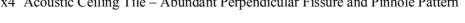
UNIVERSIT	T					
Sample #:	S033		Date Sampled:	September 12, 2012		
Building :	Facilities Managen	nent	Sampler:	Trent Hardy		
Location:	2003		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
		Bulk	Sampling Parameters			
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
□ Insulation	X 12'x12' Tile	ΠΠ	Textured	□ Shingle	X Floor	
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation	
□ Fitting	□ Vinyl Sheet	\square P	opcorn	□ Felt	□ Ceiling	
□ Transite Pipe	□ Mastic		DŴJC	🗆 Tar	□ Above Ceiling	
□ Gasket	Wall	\square P	laster		□ Other	
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)			
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)			
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:		
□ Insulation	DWJC		Structural			
□ Tape		\Box S	teel F. P. ing	No. of Phases:		
Paper Wrap			Deck F. P. ing	Colour:		
		Tar	With Brown Streaks			

Tan With Brown Streaks





Sample #:	S034		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2003		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠΠ	Textured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	\Box P	Popcorn	□ Felt	X Ceiling
Transite Pipe	□ Mastic		DŴJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	\Box P	laster		□ Other
□ Tank Insulation	□ Transite Panel	ΧA	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box I	Deck F. P. ing	Colour:	







UNIVERSII					
Sample #:	S035		Date Sampled:	September 12, 2	2012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	2016		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X 12'x12' Tile	ΠΠ	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	DWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	Acoustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	
- I	V	White	with Large Grev Streaks		

White with Large Grey Streaks





Sample #:	S036		Date Sampled:	September 12, 2	012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	2016		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	DD	WJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:				
□ Insulation	X DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		DD	eck F. P. ing	Colour:				





UNIVERSII	Y				
Sample #:	S037		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		\Box Rolled	□ Wall Orientation
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	
		Т	an Speckle Pattern		

Tan Speckle Pattern





UNIVERSIT				-	
Sample #:	S038		Date Sampled:	September 12, 2	012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	2020C		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X 12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
Transite Pipe	□ Mastic	\Box D	WJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	
		W	nite and Brown Streak		



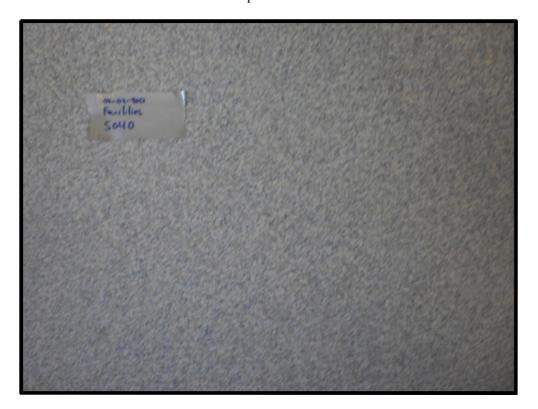


UNIVERSIT			1	1				
Sample #:	S039		Date Sampled:	September 12, 2012				
Building :	Facilities Managem	nent	Sampler:	Trent Hardy				
Location:	2020C		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	X Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
□ Insulation	X DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				





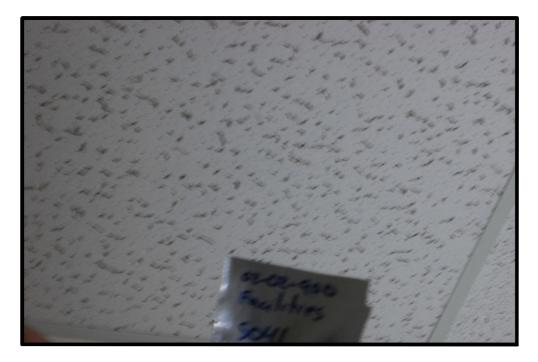
UNIVERSII	1			-	
Sample #:	S040		Date Sampled:	September 12, 2	012
Building :	Facilities Managem	nent	Sampler:	Trent Hardy	
Location:	2019		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠΠ	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	U Wall Orientation
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	\Box D	DWJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap			Deck F. P. ing	Colour:	
		H	Blue Speckle Pattern		





Sample #:	S041		Date Sampled:	September 12, 2012	
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2024		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
	·	Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	\Box D	DWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
\Box Tank Insulation	□ Transite Panel	ΧА	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Aastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
Paper Wrap		\Box D	Deck F. P. ing	Colour:	

ern



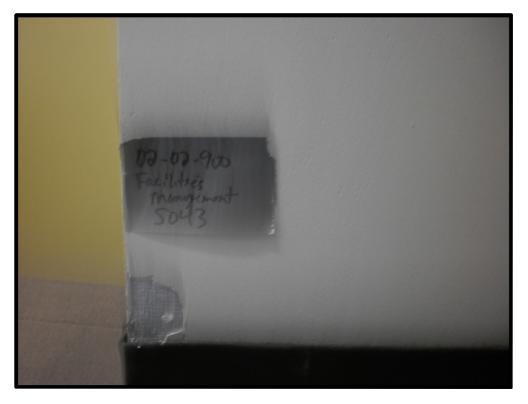


2'x2' Acoustic Ceiling Tile – 2" Block Pattern





UNIVERSITY					
Sample #:	S043		Date Sampled:	September 12, 2012	
Building :	Facilities Management		Sampler:	Trent Hardy	
Location:	2032		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
Bulk Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	\Box 12'x12' Tile \Box Textured		extured	□ Shingle	□ Floor
□ Elbow	\Box 9'x9'Tile \Box Stuc		tucco	□ Rolled	X Wall Orientation
□ Fitting	\Box Vinyl Sheet \Box Po		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	\Box Mastic \Box D'		OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall Daster		laster		□ Other
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:	





UNIVERSIT				G (1 10 C	0.10				
Sample #:	S044		Date Sampled:	September 12, 2012					
Building :	Facilities Managem	nent	Sampler:	Trent Hardy					
Location:	2036		Analysis:	SAI - PLM					
MUN Project #:	02-02-900		Work Order #:						
Bulk Sampling Parameters									
Pipe/Tank	Flooring		Ceiling	Roofing	Location				
□ Insulation	□12'x12' Tile	□ Textured		□ Shingle	□ Floor				
X Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation				
□ Fitting	\Box Vinyl Sheet \Box Po		opcorn	🗆 Felt	□ Ceiling				
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	X Above Ceiling				
□ Gasket	Wall	$\Box P$	laster		□ Other				
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)						
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)						
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:					
□ Insulation	DWJC		Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:					
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:					





UNIVERSIT	1				
Sample #:	S045		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2038K		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters	·	
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile	ΓΠ	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	U Wall Orientation
□ Fitting	□ Vinyl Sheet	🗆 P	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic		DWJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	🗆 P	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box I	Deck F. P. ing	Colour:	
		Bla	ck with White Flecks		





UNIVERSIT					
Sample #:	S046		Date Sampled:	September 12, 2	2012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2038K		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X Floor
\Box Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	W JC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
🗆 Таре		\Box S	teel F. P. ing	No. of Phases:	
D Paper Wrap		\Box D	Deck F. P. ing	Colour:	
	W	hite w	ith Abundant Brown Flecks		

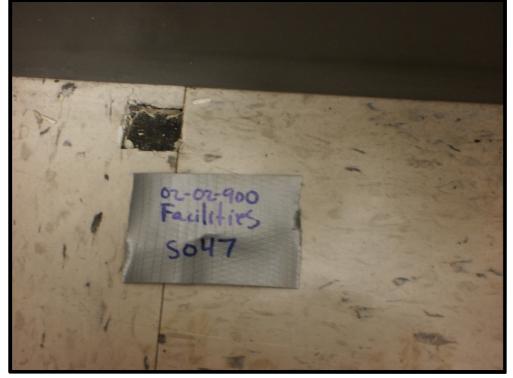
White with Abundant Brown Flecks





UNIVERSIT	T			-	
Sample #:	S047		Date Sampled:	September 12, 2	.012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2038K		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters	·	
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X 12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	-)ŴJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	□ P	laster		X Other Subsurface
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
\Box Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:	
	Sut	osurfa	ce Vinyl Flooring Material		





IEMORIAL
NIVERSITY

Sample #:	S048		Date Sampled:	September 12, 2	012
Building :	Facilities Managen	nent	Sampler:	Trent Hardy	
Location:	2038K		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters	1	
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
Paper Wrap		\Box D	eck F. P. ing	Colour:	





UNIVERSIT					0010			
Sample #:	S049		Date Sampled:	September 12, 2012				
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	2038G		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous	:			
□ Insulation	DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:	Yellow			





UNIVERSII	Ť							
Sample #:	S050		Date Sampled:	September 12, 2	012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	2038F		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
	·	Bulk	Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	ΠΠ	extured	□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	\Box D	D ŴJC	🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				
	L Paper Wrap L Deck F. P. ing Colour: Grev With Abundant Light Grev Flecks							

Grey With Abundant Light Grey Flecks





UNIVERSII					0.1.0			
Sample #:	S051		Date Sampled:	September 12, 2012				
Building :	Facilities Managem	nent	Sampler:	Trent Hardy				
Location:			Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	□ Textured		□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
□ Insulation	X DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:				



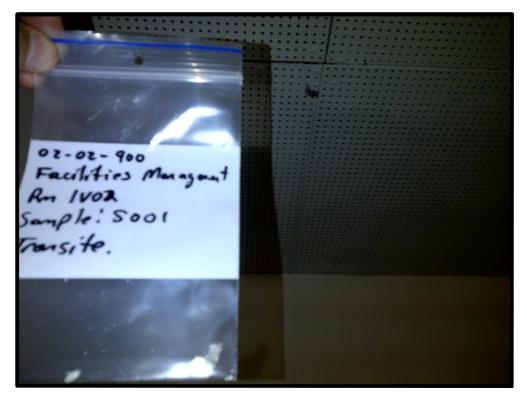


Sample #:	8052		Date Sampled:	September 12, 2	2012				
Building :	Facilities Managen	nent	Sampler:	Trent Hardy					
Location:	Ŭ		Analysis:	SAI - PLM					
MUN Project #:	02-02-900		Work Order #:						
Bulk Sampling Parameters									
Pipe/Tank	Flooring		Ceiling	Roofing	Location				
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor				
X Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation				
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling				
□ Transite Pipe	□ Mastic	\Box D	W JC	🗆 Tar	□ Above Ceiling				
□ Gasket	Wall	$\Box P$	laster		□ Other				
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)						
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)						
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:					
□ Insulation	X DWJC		Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:					
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:					





UNIVERSII	Y								
Sample #:	S053		Date Sampled:	May 2, 2013					
Building :	Facilities Managem	nent	Sampler:	Trent Hardy					
Location:	1V02		Analysis:	SAI - PLM					
MUN Project #:	02-02-900		Work Order #:						
Bulk Sampling Parameters									
Pipe/Tank	Flooring		Ceiling	Roofing	Location				
□ Insulation	□12'x12' Tile	X Transite Panel		□ Shingle	□ Floor				
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	U Wall Orientation				
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	□ Felt	X Ceiling				
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling				
□ Gasket	Wall	$\Box P$	laster		□ Other				
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)						
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)						
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:					
□ Insulation	DWJC		Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:					
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:					





Sample #:	L001		Date Sampled:	September 12,	2012			
Building :	Facilities Managen	nent	Sampler:	Trent Hardy				
Location:	1018		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank			Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation			
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box D$	ЭŴJС	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous	5			
□ Insulation	DWJC		Structural					
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:W	hite			





Sample #:	L002		Date Sampled:	September 12, 2	2012	
Building :			Sampler:	Trent Hardy		
Location:	1023		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
		Bulk	Sampling Parameters			
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor	
□ Elbow	\Box 9'x9'Tile \Box S		tucco	□ Rolled	X Wall Orientation	
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	🗆 Felt	□ Ceiling	
□ Transite Pipe	\Box Mastic \Box D		D ŴJC	🗖 Tar	□ Above Ceiling	
□ Gasket	Wall	□ Plaster			□ Other	
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)			
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous	:	
□ Insulation	DWJC	Structural				
□ Tape	□ Steel F. P.		teel F. P. ing	No. of Phases:		
□ Paper Wrap	Deck F. P. ing		Deck F. P. ing	Colour:Light Green		





UNIVERSII	1				
Sample #:	L003		Date Sampled:	September 12, 2	2012
Building :	Facilities Management		Sampler:	Trent Hardy	
Location:	1013		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	\Box 9'x9'Tile \Box S		tucco	□ Rolled	U Wall Orientation
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	\Box Mastic \Box D		OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:	
□ Insulation	DWJC	Structural			
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	Deck F. P. ing	Colour:Light Yellow	





UNIVERSII			1	1	
Sample #:	L004		Date Sampled:	September 12, 2012	
Building :	Facilities Management		Sampler:	Trent Hardy	
Location:	2018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	\Box Vinyl Sheet \Box P		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	\Box Mastic \Box D		WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
\Box Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)			
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	DWJC	Structural			
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		DD	Deck F. P. ing	Colour: _Dark Green	





Sample #:	L005		Date Sampled:	September 12, 2	2012			
			*	1				
Building :	Facilities Managem	hent	Sampler:	Trent Hardy				
Location:	2018		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
	Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor			
□ Elbow	\Box 9'x9'Tile \Box St		tucco	□ Rolled	X Wall Orientation			
□ Fitting	\Box Vinlye Sheet \Box Po		opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	\Box Mastic \Box D		OWJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	□ Plaster			□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)						
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
□ Insulation	DWJC	Structural						
□ Tape		\Box S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		□ Deck		Colour:Tai	1			





UNIVERSITY							
Sample #:	L006		Date Sampled:	September 12, 2	2012		
Building :	Facilities Management		Sampler:	Trent Hardy			
Location:	2032		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
		Bulk	Sampling Parameters				
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation		
□ Fitting	\Box Vinlye Sheet \Box P		opcorn	🗆 Felt	□ Ceiling		
□ Transite Pipe	\Box Mastic \Box D		W JC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)					
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous:			
□ Insulation	DWJC	Structural					
□ Tape			teel F. P. ing	No. of Phases:			
□ Paper Wrap			Deck F. P. ing	Colour:Light Blue			





UNIVERSIT	-			T	
Sample #:	L007		Date Sampled:	September 12, 2012	
Building :	Facilities Management		Sampler:	Trent Hardy	
Location:	2038G		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured		□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	\Box Vinlye Sheet \Box P		opcorn	□ Felt	□ Ceiling
□ Transite Pipe	\Box Mastic \Box D		OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	□ Plaster			\Box Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)			
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous	:
\Box Insulation	DWJC	Structural			
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		🗆 Deck F. P. i		Colour:	Red





UNIVERSIT	Y					
Sample #:	L008		Date Sampled:	September 12, 2012		
Building :	Facilities Management		Sampler:	Trent Hardy		
Location:	2006		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
		Bulk	Sampling Parameters			
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor	
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	X Wall Orientation	
□ Fitting	□ Vinlye Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling	
□ Transite Pipe	□ Mastic	\Box D	OWJC	🗆 Tar	□ Above Ceiling	
□ Gasket	Wall	□ Plaster			□ Other	
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)			
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)				
HVAC	□ Plaster	\Box N	Iastic	Miscellaneous	:	
□ Insulation	DWJC	Structural				
□ Tape		□ Steel F. P. ing		No. of Phases:		
□ Paper Wrap			Deck F. P. ing	Colour:	Bright Green	

