



ASBESTOS AND LEAD PAINT BUILDING MATERIALS SURVEY FOR: ENGINEERING 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, 201

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: ENGINEERING BUILDING

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

A summary of the findings for the Engineering 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 drywall joint compound.
- 3. Non-friable asbestos-containing building materials were identified in the Site Building, specifically vinyl floor tiles, transite, incandescent heat shields, and tar mastic;
- 4. Paints containing greater than 600 mg/kg of lead were identified in the Site Building, specifically the cream paint as observed in EN1250, the green paint as observed in EN1035, and the green paint in EN 4013.

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.

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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;

BUILDING DESCRIPTION: ENGINEERING BUILDING

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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
- 5.0 Recommendations

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.

2.0 SURVEY INFORMATION

The survey was conducted between July 27th and August 1st, 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 eighty-three (83) representative bulk samples were collected for analysis for asbestos content and thirteen (13) 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

Two (2) samples of spray applied fireproofing material were collected from above the ceiling in rooms EN 3034, and EN 1052. Analysis of the samples did not identify the presence of asbestos (reference samples 02-02-900-S080 and 02-02-900-S004).

3.2 Mechanical Insulation

Insulating cement, also referred to as "parging cement", present on pipe elbows for and fittings was sampled in site building. Results from two (2) of the three (3) samples contain 25- 30% Chrysotile asbestos in (reference sample 02-02-900-S082 and 02-02-900-S008). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

The sample of tar mastic and paper sampled above ceiling in room EN 1053 contains 10% chrysotile asbestos (reference sample 02-02-900-S005). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

One (1) sample of the tar paper used on fibreglass insulation was collected from EN 1053. Analysis of the samples did not identify the presence of asbestos (reference sample 02-02-900-S038).

3.3 Acoustic Ceiling Tiles

Seven (7) samples were collected of acoustic ceiling tiles were observed in the site building. Analysis of the samples did not identify the presence of asbestos. A summary of the acoustic ceiling tiles samples collected are as follows:

- The 2"x2" acoustic ceiling tile distinguished with a pinhole and fleck pattern located in EN 2077 (reference sample 02-02-900-S048);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole fleck pattern located in EN-1051A (reference sample 02-02-900-S007);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole pattern located in EN 1056 (reference sample 02-02-900-S012);
- The 2"x2" acoustic ceiling tile distinguished with a plain pattern located in EN 1037 (reference sample 02-02-900-S040);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole pattern located in EN 1052 (reference sample 02-02-900-S003);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole and fleck pattern located in EN 1053 (reference sample 02-02-900-S010);and
- The 2"x2" acoustic ceiling tile distinguished with a pinhole and fissure pattern located in EN 1034B (reference sample 02-02-900-S029);

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.

Twenty (20) samples, in total, of drywall joint compound were collected in the site building. Results from ten (10) samples collected were determined to contain asbestos (reference samples 02-02-900-S024, 02-02-900-S043 02-02-900-S057 02-02-900-S058 02-02-900-S060 02-02-900-S068 02-02-900-S070 02-02-900-S072 02-02-900-S073 and 02-02-900-S074).

Plaster was used as a wall and ceiling finish in various locations in the Site Building. Until the early to mid-1980s, plaster may have contained chrysotile asbestos. Plaster is considered a potentially friable material. Most buildings of this type undergo constant renovation, including the removal and replacement of plaster. Moreover, the addition of asbestos to plaster compound was done at the site by the individual plasterer on an as needs basis. Therefore extensive sampling of plaster is necessary to come to a reasonable conclusion regarding the extent of asbestos. Furthermore, any attempt to distinguish and delineate all asbestos-containing plaster from new non-asbestos plaster is often unachievable. Therefore, plaster was sampled at walls which were believed to be original to try to define the presence of asbestos content in the original plaster.

Six (6) samples of plaster were collected throughout the site building. Analysis of the samples did not identify the presence of asbestos (reference samples 02-02-900-S079, 02-02-900-S078, 02-02-900-S05, 02-02-900-S075, 02-02-900-S076 and 02-02-900-S077).

Friable textured ceiling stucco was also observed on the ceilings of the stairwells of the site building. Samples of this material were collected from EN 2000 and EN 2001 and analysis of the samples did not identify the presence of asbestos (reference sample 02-02-900-S052 and 02-02-900-S054).

3.5 Vinyl Flooring Materials

3.5.1 Vinyl Floor Tiles Thirty (30) types of vinyl floor tiles were observed in the site building. Results from eleven (11) of the thirty (30) samples collected contain asbestos. For locations and conditions of this material at the time of the building survey refer to location & data excel document. A list of the visually different asbestos and non-asbestos vinyl floor tiles is provided below:

3.5.1.1 Asbestos Containing Vinyl Floor Tiles

Asbestos Floor Tile Summary Engineering Building					
Reference Sample	•				
02-02-900-S021	12"x12" vinyl floor tiles brown with abundant grey flecks	EN 1019A	3%		
02-02-900-S035	12"x12" vinyl floor tiles brown with white and dark brown streaks	EN 1023F	3%		
02-02-900-S033	12"x12" vinyl floor tiles green with brown and white streaks	EN 1026A	3%		
02-02-900-S018	12"x12" vinyl floor tiles green with thick green streak	EN 1C01	3%		
02-02-900-S050	12"x12" vinyl floor tiles grey with brown streaks	EN 2006	2%		
02-02-900-S034	12"x12" vinyl floor tiles grey with dark grey streaks	EN 1023A	3%		
02-02-900-S041	12"x12" vinyl floor tiles grey with dark grey streaks	EN 2024	3%		
02-02-900-S023	12"x12" vinyl floor tiles light brown with brick red streak	EN 1019A	3%		
02-02-900-S011	12"x12" vinyl floor tiles light brown with large white streaks	EN 1056	3%		
02-02-900-S055	12"x12" vinyl floor tiles red with abundant white streaks	EN 2C01	3%		
02-02-900-S013	12"x12" vinyl floor tiles very light brown with large brown streaks	EN 1061	3%		

For additional locations of these materials at the time of the building survey refer to location & data excel document.

Non-Asbestos Floor Tile Summary Engineering Building Reference **Description** Location Sample 02-02-900-S001 12"x12" Vinyl floor tiles greenish blue with large green and EN 1052 white streak 02-02-900-S042 12"x12" vinyl floor tiles grey with abundant white and dark EN 2020 grey flecks 02-02-900-S019 12"x12" vinyl floor tiles green with large white streaks EN 1C01 02-02-900-S026 12"x12" vinyl floor tiles large brown and cream streaks EN 1038F 02-02-900-S044 12"x12" vinyl floor tiles light yellow with dark yellow and EN 2048 white specks 12"x12" vinyl floor tiles pale yellow with abundant yellow 02-02-900-S064 EN 3000A and white streak 02-02-900-S036 12"x12" vinyl floor tiles white EN 1023F 02-02-900-S022 12"x12" vinyl floor tiles white mottled brown EN 1019A 02-02-900-S020 12"x12" vinyl floor tiles white with abundant grey flecks EN 1015B 02-02-900-S006 12"x12" vinyl floor tiles white with black streaks EN 1051A 02-02-900-S059 12"x12" vinyl floor tiles white with brown streak EN 3057 02-02-900-S028 12"x12" vinyl floor tiles white with large brown flecks EN 1010 02-02-900-S031 12"x12" vinyl floor tiles white with light blue streaks EN 1035E 02-02-900-S046 12"x12" vinyl floor tiles, white with abundant grey flecks EN 205C 02-02-900-S045 12"x12" vinyl floor tiles, white with yellow streak EN 2050

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Non-Asbestos Floor Tile Summary Engineering Building				
Reference Sample	Location			
02-02-900-S009	12"x12" vinyl; floor tiles blue with white streak	EN 1053		
02-02-900-S017	12"x12" vinyl floor tiles aqua with white and green fleck	EN 1C01		
02-02-900-S081	12"x12" vinyl floor tiles pebble stone pattern			
02-02-900-S083	12"x12" vinyl floor tiles orange with brown	EN2042		

For additional locations of these materials at the time of the building survey refer to location & data excel document.

3.5.2 Vinyl Sheet Flooring

Six (6) types of vinyl sheet flooring were observed in the site building. Analysis of the samples did not identify the presence of asbestos. A summary of the visually different asbestos containing vinyl sheet flooring is provided it the tables below:

3.5.2.1 Non-Asbestos Containing Vinyl Sheet Flooring

Non-Asbestos Containing Vinyl Sheet Flooring Engineering Building					
Sample Number	Description	Location			
02-02-900-S069	Vinyl Sheet Flooring white with grey and brown mottles	EN 4029B			
02-02-900-S039	Vinyl sheet flooring blue wave pattern	EN			
02-02-900-S071	Vinyl sheet flooring brown stone pattern	EN 4004			
02-02-900-S061	Vinyl sheet flooring dark blue	EN 3038			
02-02-900-S066	Vinyl sheet flooring pale yellow with brown flecks	EN 2030			

Non-Asbestos Containing Vinyl Sheet Flooring Engineering Building				
Sample Number	Description	Location		
02-02-900-S065	Vinyl Sheet Flooring, dark grey flecks	EN 4028		

For additional locations of these materials at the time of the building survey refer to location & data excel document.

3.6 Asbestos Cement Products

One (1) sample of transite sheeting was collected inside the fume hood from EN 1020B and contains 20% chrysotile asbestos (reference sample 02-02-900-S025). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

The black phenolic lab bench also referred as "transite counter" was sampled in room EN 1001 and contains 15% amosite and 5% chrysotile asbestos (reference sample 02-02-900-S016). 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

One (1) sample of foil paper in the incandescent light fixture was collected from EN 4027 and contains 40% chrysotile asbestos (reference sample 02-02-900-S053). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

One (1) sample of leveling compound on the ducts was collected from room EN 1049. Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S015).

One (1) sample of mastic compound on the ducts was collected from EN 3000A. Analysis of the samples did not identify the presence of asbestos (reference sample 02-02-900-S063).

4.0 LBP SURVEY FINDINGS

Analytical results indicate that three (3) 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 cream paint as observed in EN 1250 (reference sample 02-02-900-L002) contains 0.26%, the green paint as observed in EN 10350 (reference sample 02-02-900-L013) contains 0.067% and the green paint in EN 4013 (reference sample 02-02-900-L012) contains 0.11% and the same paint colours located elsewhere, should be managed as lead-containing.

Results indicate that were detected, all other paint samples containing less than 0.06% lead.

All paints observed inside the Site Building were observed in GOOD condition.

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.

- 1. 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

Non-friable materials with the potential to become friable during renovation and demolition activities were identified inside the Site Building, specifically drywall joint compound

1. Under the NL guidance documents for moderate and low risk asbestos abatement procedures, quantities of these materials 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: transite, tar mastic, 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;

NL 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

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Components Components Components	Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
None Detected None Detecte	Lab Sample ID	Lab Notes	TISDESTOS	Components	Components	Treatment
1214573PLM_83 12x12 VFT, greenish blue with large green and white streaks mastic None Detected 3% Cellulose 97% Other Black Non Fibrous Heterogeneous Dissolved 100% Other Tan Non Fibrous Homogeneous 100% Other Othe		with large green and white streaks	None Detected		100% Other	Non Fibrous
Solid - B Solid - B Solid Soli	1214573PLM_1	— tile				Dissolved
Dissolved Diss		with large green and white streaks	None Detected	3% Cellulose	97% Other	Non Fibrous
None Detected	1214573PLM_83	mastic				Dissolved
Crushed Crus		Drywall joint compound	None Detected		100% Other	Non Fibrous
None Detected None Detecte	1214573PLM_2	7				Crushed
Spray insulation above ceiling None Detected Spray insulation above ceiling		pinhole pattern	None Detected			Fibrous
None Detected	1214573PLM_3	1				Crushed
O2-02-900- S005 - A Tar paper and mastic None Detected 95% Cellulose 5% Other Fibrous Heterogeneous		Spray insulation above ceiling	None Detected	60% Mineral Wool	40% Other	Fibrous
S005 - A None Detected Source Sign Sig	1214573PLM_4	7				Crushed
		Tar paper and mastic	None Detected	95% Cellulose	5% Other	Fibrous
	1214573PLM_5	– tar paper				Teased
02-02-900- S005 - B Tar paper and mastic 10% Chrysotile 90% Other Black Non Fibrous Heterogeneous		Tar paper and mastic	10% Chrysotile		90% Other	Non Fibrous
1214573PLM_84 Dissolved	1214573PLM_84	- mastic				Dissolved
02-02-900- S006 - A	02-02-900-		None Detected		100% Other	Non Fibrous
1214573PLM_6 tile Dissolved	1214573PLM 6	tile				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

Dorlos Ammerman (116)

Nathaniel Durham, MS or Approved Signatory



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Attn: Nicole Power Lab Order ID:

Analysis ID: 1214573PLM

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Date Reported: 9/10/2012

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucstus	Components	Components	Treatment
02-02-900- S006 - B	12x12 Vinyl floor tiles white with black streaks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_85	mastic				Dissolved
02-02-900- S007	2x2 Acoustic ceiling tile pinhole with fleck pattern	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	Tan, White Fibrous Heterogeneous
1214573PLM_7					Crushed
02-02-900- S008	Pipe elbow parging	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
1214573PLM_8					Teased
02-02-900- S009 - A	12x12 Vinyl; floor tiles blue with white streaks	None Detected		100% Other	Blue Non Fibrous Heterogeneous
1214573PLM_9	tile				Dissolved
02-02-900- S009 - B	12x12 Vinyl; floor tiles blue with white streaks	None Detected	5% Cellulose	95% Other	Black Non Fibrous Heterogeneous
1214573PLM_86	mastic				Dissolved
02-02-900- S010	2x4 Acoustic ceiling tile pinhole with fleck pattern	None Detected	50% Cellulose 30% Fiber Glass	10% Perlite 10% Other	Tan, White Fibrous Heterogeneous
1214573PLM_10					Crushed
02-02-900- S011 - A	12x12 Vinyl floor tiles light brown with large white streaks	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1214573PLM_11	tile				Dissolved
02-02-900- S011 - B	12x12 Vinyl floor tiles light brown with large white streaks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_87	mastic				Dissolved

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Analyst

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Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Assestes	Components	Components	Treatment
02-02-900- S012	2x2 Acoustic ceiling tiles pinhole pattern	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	Tan, White Fibrous Heterogeneous
1214573PLM_12					Crushed
02-02-900- S013 - A	12x12 Vinyl floor tiles very light brown with large brown streaks	3% Chrysotile		97% Other	Tan Non Fibrous Heterogeneous
1214573PLM_13	t ile				Dissolved
02-02-900- S013 - B	12x12 Vinyl floor tiles very light brown with large brown streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_88	- mastic				Dissolved
02-02-900- S014	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_14					Crushed
02-02-900- S015	Leveling compound above ceiling ductwork	None Detected	5% Cellulose	95% Other	White Non Fibrous Heterogeneous
1214573PLM_15	1				Crushed
02-02-900- S016	Counter top	15% Chrysotile 5% Amosite		80% Other	Black Fibrous Heterogeneous
1214573PLM_16	1				Crushed
02-02-900- S017 - A	12x12 Vinyl floor tiles aqua with white and green fleck	None Detected		100% Other	Blue Non Fibrous Heterogeneous
1214573PLM_17	tile				Dissolved
02-02-900- S017 - B	12x12 Vinyl floor tiles aqua with white and green fleck	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_89	- mastic				Dissolved

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Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucsius	Components	Components	Treatment
02-02-900- S018 - A	12x12 Vinyl floor tiles green with thick green streak	3% Chrysotile		97% Other	Red Non Fibrous Heterogeneous
1214573PLM_18	t ile				Dissolved
02-02-900- S018 - B	12x12 Vinyl floor tiles green with thick green streak	None Detected	4% Cellulose	96% Other	White, Black Non Fibrous Heterogeneous
1214573PLM_90	mastic/leveling compound				Dissolved
02-02-900- S019 - A	12x12 Vinyl floor tiles green with large white streaks	None Detected		100% Other	Green Non Fibrous Heterogeneous
1214573PLM_19	tile				Dissolved
02-02-900- S019 - B	12x12 Vinyl floor tiles green with large white streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_91	mastic				Dissolved
02-02-900- S020 - A	12x12 Vinyl floor tiles white with abundant grey flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_20	t ile				Dissolved
02-02-900- S020 - B	12x12 Vinyl floor tiles white with abundant grey flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_92	mastic				Dissolved
02-02-900- S021 - A	12x12 Vinyl floor tiles brown with abundant grey flecks	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1214573PLM_21	tile				Dissolved
02-02-900- S021 - B	12x12 Vinyl floor tiles brown with abundant grey flecks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_93	mastic				Dissolved

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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

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 12

1214573PLM

Date Received:

9/4/2012

Date Reported: 9/10/2012

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucsius	Components	Components	Treatment
02-02-900- S022 - A	12x12 Vinyl floor tiles white mottled brown	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_22	tile				Dissolved
02-02-900- S022 - B	12x12 Vinyl floor tiles white mottled brown	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_94	mastic				Dissolved
02-02-900- S023 - A	12x12 Vinyl floor tiles light brown with brick red streak	3% Chrysotile		97% Other	Tan Non Fibrous Heterogeneous
1214573PLM_23	tile				Dissolved
02-02-900- S023 - B	12x12 Vinyl floor tiles light brown with brick red streak	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_95	mastic				Dissolved
02-02-900- S024	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_24	_				Crushed
02-02-900- S025	Transite sheeting in fume hood	20% Chrysotile		80% Other	Gray Fibrous Heterogeneous
1214573PLM_25	1				Crushed
02-02-900- S026 - A	12x12 Vinyl floor tiles large brown and cream streaks	None Detected	3% Cellulose	97% Other	Cream Non Fibrous Heterogeneous
1214573PLM_26	tile				Dissolved
02-02-900- S026 - B	12x12 Vinyl floor tiles large brown and cream streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_96	mastic				Dissolved

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Analyst



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

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

Date Reported: 9/10/2012

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	115005005	Components Components		Treatment
02-02-900- S027	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1214573PLM_27					Crushed
02-02-900- S028 - A	12x12 Vinyl floor tiles white with large brown flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_28	t ile				Dissolved
02-02-900- S028 - B	12x12 Vinyl floor tiles white with large brown flecks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_97	m astic				Dissolved
02-02-900- S029	2x4 Acoustic ceiling tiles pinhole and fissure pattern	None Detected	50% Cellulose 30% Fiber Glass	10% Perlite 10% Other	Tan, White Fibrous Heterogeneous
1214573PLM_29					Crushed
02-02-900- S030	Pipe elbow parging on furnace exhaust	None Detected	25% Mineral Wool 10% Cellulose	65% Other	Gray Fibrous Heterogeneous
1214573PLM_30	1				Crushed
02-02-900- S031 - A	12x12 Vinyl floor tiles white with light blue streaks	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_31	t ile				Dissolved
02-02-900- S031 - B	12x12 Vinyl floor tiles white with light blue streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_98	mastic				Dissolved
02-02-900- S032	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_32					Crushed

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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

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	TIBBESTOS	Components	Components	Treatment
02-02-900- S033 - A	12x12 Vinyl floor tiles green with brown and white streaks	3% Chrysotile		97% Other	Green Non Fibrous Heterogeneous
1214573PLM_33	tile				Dissolved
02-02-900- S033 - B	12x12 Vinyl floor tiles green with brown and white streaks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_99	mastic				Dissolved
02-02-900- S034 - A	12x12 Vinyl floor tiles grey with dark grey streaks	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
1214573PLM_34	- tile				Dissolved
02-02-900- S034 - B	12x12 Vinyl floor tiles grey with dark grey streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_100	mastic				Dissolved
02-02-900- S035 - A	12x12 Vinyl floor tiles brown with white and dark brown streaks	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1214573PLM_35	tile				Dissolved
02-02-900- S035 - B	12x12 Vinyl floor tiles brown with white and dark brown streaks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_101	- mastic				Dissolved
02-02-900- S036 - A	12x12 Vinyl floor tiles white	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1214573PLM_36	tile				Dissolved
02-02-900- S036 - B	12x12 Vinyl floor tiles white	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_102	mastic				Dissolved

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Customer: Pinchin LeBlanc Environmental

27 Austin St

2nd Flr

St Johns, NL A1B 4C3

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Assestes	Components	Components	Treatment
02-02-900- S037	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_37					Crushed
02-02-900- S038	Tar paper wrap on straight fiberglass insulation	None Detected	80% Cellulose	20% Other	Brown, Black Fibrous Heterogeneous
1214573PLM_38					Dissolved
02-02-900- S039	Vinyl sheet flooring blue wave pattern	None Detected	15% Cellulose	85% Other	Blue Fibrous Heterogeneous
1214573PLM_39	vinyl only				Dissolved
02-02-900- S040	2x4 Acoustic ceiling tile	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	Tan, White Fibrous Heterogeneous
1214573PLM_40					Crushed
02-02-900- S041 - A	12x12 Vinyl floor tiles grey with dark grey streaks	3% Chrysotile		97% Other	Black Non Fibrous Heterogeneous
1214573PLM_41	tile				Dissolved
02-02-900- S041 - B	12x12 Vinyl floor tiles grey with dark grey streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_103	mastic				Dissolved
02-02-900- S042 - A	12x12 Vinyl floor tiles grey with abundant white and dark grey flecks	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1214573PLM_42	tile				Dissolved
02-02-900- S042 - B	12x12 Vinyl floor tiles grey with abundant white and dark grey flecks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_104	- mastic				Dissolved

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Customer: Pinchin LeBlanc Environmental

27 Austin St 2nd Flr

St Johns, NL A1B 4C3

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	1150C5C5	Components	Components	Treatment
02-02-900- S043	Drywall joint compound	3% Chrysotile		97% Other	Tan, White Non Fibrous Homogeneous
1214573PLM_43					Crushed
02-02-900- S044 - A	12x12 Vinyl floor tiles light yellow with dark yellow and white specks	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1214573PLM_44	– tile				Dissolved
02-02-900- S044 - B	12x12 Vinyl floor tiles light yellow with dark yellow and white specks	None Detected	2% Cellulose	98% Other	Yellow, Black Non Fibrous Heterogeneous
1214573PLM_105	mixed mastics				Dissolved
02-02-900- S045 - A	12x12 Vinyl floor tiles white and yellow streaks	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1214573PLM_45	— tile				Dissolved
02-02-900- S045 - B	12x12 Vinyl floor tiles white and yellow streaks	None Detected	4% Cellulose	96% Other	Black Non Fibrous Heterogeneous
1214573PLM_106	mastic				Dissolved
02-02-900- S046 - A	12x12 Vinyl floor tiles white with abundant grey flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_46	t ile				Dissolved
02-02-900- S046 - B	12x12 Vinyl floor tiles white with abundant grey flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_107	mastic				Dissolved
02-02-900- S047	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1214573PLM_47	1				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



Customer: Pinchin LeBlanc Environmental

27 Austin St

2nd Flr

St Johns, NL A1B 4C3

Project: 02-02-900

Attn: Nicole Power Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

Date Reported: 9/10/2012

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asicstos	Components	Components	Treatment
02-02-900- S048	2x2 Acoustic ceiling tile pinhole and fleck pattern	None Detected	50% Cellulose 30% Fiber Glass	10% Perlite 10% Other	Tan, White Fibrous Heterogeneous
1214573PLM_48					Crushed
02-02-900- S049	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1214573PLM_49					Crushed
02-02-900- S050 - A	12x12 Vinyl floor tiles grey with brown streaks	2% Chrysotile		98% Other	Gray Non Fibrous Heterogeneous
1214573PLM_50	t ile				Dissolved
02-02-900- S050 - B	12x12 Vinyl floor tiles grey with brown streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_108	- mastic]			Dissolved
02-02-900- S051	Ceiling plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_51	1				Crushed
02-02-900- S052	Textured ceiling coat	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_52					Crushed
02-02-900- S053	Foil backed heatsheild for incandescent fixture	40% Chrysotile	40% Cellulose	20% Other	Silver, Tan Fibrous Heterogeneous
1214573PLM_53	1				Teased
02-02-900- S054	Textured ceiling coat	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_54	1				Crushed

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



1214573

Customer: Pinchin LeBlanc Environmental

27 Austin St

2nd Flr

St Johns, NL A1B 4C3

Project: 02-02-900

Attn: Nicole Power Lab Order ID:

Analysis ID: 1214573PLM

Date Received: 9/4/2012

Date Reported: 9/10/2012

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S055 - A	12x12 Vinyl floor tiles red with abundant white streaks	3% Chrysotile		97% Other	Red Non Fibrous Heterogeneous
1214573PLM_55	t ile				Dissolved
02-02-900- S055 - B	12x12 Vinyl floor tiles red with abundant white streaks	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_109	- mastic				Dissolved
02-02-900- S056	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_56					Crushed
02-02-900- S057	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_57					Crushed
02-02-900- S058	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_58					Crushed
02-02-900- S059 - A	12x12 Vinyl floor tiles white with brown streaks	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_59	tile				Dissolved
02-02-900- S059 - B	12x12 Vinyl floor tiles white with brown streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_110	mastic				Dissolved
02-02-900- S060	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_60	†				Crushed

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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

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	1155005005	Components	Components	Treatment
02-02-900- S061	Vinyl sheet flooring dark blue	None Detected		100% Other	Blue Non Fibrous Homogeneous
1214573PLM_61	vinyl only				Ashed
02-02-900- S062	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1214573PLM_62					Crushed
02-02-900- S063	Mastic on furnace ductwork	None Detected	2% Synthetic Fibers	98% Other	Gray Non Fibrous Heterogeneous
1214573PLM_63					Dissolved
02-02-900- S064 - A	12x12 Vinyl floor tiles pale yellow with abundant yellow and white flecks	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1214573PLM_64	t ile				Dissolved
02-02-900- S064 - B	12x12 Vinyl floor tiles pale yellow with abundant yellow and white flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1214573PLM_111	- mastic				Dissolved
02-02-900- S065 - A	Vinyl sheet flooring, dark grey flecks	None Detected	15% Cellulose	85% Other	Brown Fibrous Heterogeneous
1214573PLM_65	vinyl				Dissolved
02-02-900- S065 - B	Vinyl sheet flooring, dark grey flecks	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1214573PLM_112	mastic				Dissolved
02-02-900- S066 - A	Vinyl sheet flooring pale yellow with brown flecks	None Detected	15% Cellulose	85% Other	Yellow Fibrous Heterogeneous
1214573PLM_66	vinyl				Dissolved

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Customer: Pinchin LeBlanc Environmental

27 Austin St

2nd Flr

St Johns, NL A1B 4C3

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Assestes	Components	Components	Treatment
02-02-900- S066 - B	Vinyl sheet flooring pale yellow with brown flecks	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1214573PLM_113	- mastic				Dissolved
02-02-900- S067	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_67					Crushed
02-02-900- S068	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_68					Crushed
02-02-900- S069	Vinyl sheet flooring white with grey and brown mottles	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_69	_				Dissolved
02-02-900- S070	Drywall joint compound	2% Chrysotile		98% Other	White Non Fibrous Homogeneous
1214573PLM_70	1				Crushed
02-02-900- S071 - A	Vinyl sheet flooring brown stone pattern	None Detected	15% Cellulose	85% Other	Brown Fibrous Heterogeneous
1214573PLM_71	- vinyl				Dissolved
02-02-900- S071 - B	Vinyl sheet flooring brown stone pattern	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1214573PLM_114	- mastic				Dissolved
02-02-900- S072	Drywall joint compound	3% Chrysotile		97% Other	Tan, White Non Fibrous Homogeneous
1214573PLM_72	†				Crushed

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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

Project: 02-02-900

Lab Order ID: 1214573 Attn: Nicole Power

> Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	1200 0000	Components	Components	Treatment
02-02-900- S073	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_73					Crushed
02-02-900- S074	Drywall joint compound	3% Chrysotile		97% Other	Tan Non Fibrous Homogeneous
1214573PLM_74					Crushed
02-02-900- S075	Ceiling plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_75					Crushed
02-02-900- S076 - A	Ceiling plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1214573PLM_76	— finish				Crushed
02-02-900- S076 - B	Ceiling plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1214573PLM_115	- base				Crushed
02-02-900- S077	Window sil plaster	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_77					Crushed
02-02-900- S078	2nd floor ceiling plaster	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_78	1				Crushed
02-02-900- S079	1st floor ceiling plaster	None Detected		100% Other	White Non Fibrous Homogeneous
1214573PLM_79	7				Crushed

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Customer: Pinchin LeBlanc Environmental

27 Austin St

2nd Flr

St Johns, NL A1B 4C3

Project: 02-02-900

Attn: Nicole Power

Lab Order ID: 1214573

Analysis ID: 1214573PLM

Date Received: 9/4/2012

9/10/2012 **Date Reported:**

Sample ID Lab Sample ID	Description Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
02-02-900- S080	Fire proofing	None Detected	65% Mineral Wool	35% Other	Gray Fibrous Heterogeneous
1214573PLM_80					Crushed
02-02-900- S081 - A	Pebble stone 12x12 vinyl floor tiles	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1214573PLM_81	tile				Dissolved
02-02-900- S081 - B	Pebble stone 12x12 vinyl floor tiles	None Detected	2% Cellulose	98% Other	Black Non Fibrous Heterogeneous
1214573PLM_116	- mastic				Dissolved
02-02-900- S082	Parging cement on water tanks and elbow pipes	25% Chrysotile		75% Other	White Fibrous Heterogeneous
1214573PLM_82					Teased

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

Dorlos Ammerman (116)

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

Project: 02-02-00900; Engineering Building

Attn: Dawn Benteau Paul Staeben

Lab Order ID:

1308169

Analysis ID:

1308169_PLM

Date Received:

5/2/2013

Date Reported:

5/7/2013

Sample ID Lab Sample ID	Description Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
02-02-900- S083 - A	12x12 Vinyl Floor Tiles - Orange With Brown Flecks	None Detected		100% Other	Orange Non Fibrous Heterogeneous
1308169PLM_1	tile				Dissolved
02-02-900- S083 - B	12x12 Vinyl Floor Tiles - Orange With Brown Flecks	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1308169PLM_2	mastic				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 agency of the U.S. government. Estimated MDL is 0.1%.

Ired Gulley (2)

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

Customer: Pinchin LeBlanc Environmental

27 Austin St 2nd Flr

St Johns NL A1B 4C3

Project: 02-02-900

Attn: Dawn Benteau Lab Order ID: 1214516

> **Analysis ID:** 1214516 PBP **Date Received:** 9/4/2012

> **Date Reported:** 9/11/2012

Sample ID	Description	Mass	Analytical Sensitivity	Concentration
Lab Sample ID	Lab Notes	(g)	(% by weight)	(% by weight)
02-02-900-L001	White wall paint (engineering bld.)	0.0421	0.003%	0.025%
1214516PBP_1				
02-02-900-L002		0.0519	0.003%	0.26%
1214516PBP_2	cream wall paint			
02-02-900-L003		0.0274	0.005%	0.067%
1214516PBP_3	green wall paint			
02-02-900-L004		0.0624	0.002%	< 0.006%
1214516PBP_4	very light grey paint		0.00270	
02-02-900-L005		0.0636	0.002%	0.041%
1214516PBP_5	dark blue wall paint	0.0050		
02-02-900-L006		0.0367	0.004%	0.022%
1214516PBP_6	blue wall paint		0.00170	0.02270
02-02-900-L007		0.0464	0.003%	< 0.009%
1214516PBP_7	navy blue wall paint	0.0101	0.00370	0.00070
02-02-900-L008		0.0415	0.003%	< 0.01%
1214516PBP_8	aqua green wall paint	0.0413	0.00570	0.0170
02-02-900-L009		0.0628	0.002%	< 0.006%
1214516PBP_9	red wall paint	0.0020	0.00270	- 0.000 / 0
02-02-900-L010		0.0687	0.002%	< 0.006%
1214516PBP_10	light grey wall paint	. 0.0007	0.00270	· 0.000 / 0

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.

Melissa Sharps (13)

Analyst **Laboratory Director**



Analysis for Lead Concentration in Paint Chips



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

Customer: Pinchin LeBlanc Environmental

27 Austin St 2nd Flr

St Johns NL A1B 4C3

Project: 02-02-900

Attn: Dawn Benteau Lab Order ID: 1214516

> **Analysis ID:** 1214516 PBP **Date Received:** 9/4/2012

Date Reported: 9/11/2012

Sample ID	Description	Mass	Analytical Sensitivity	Concentration
Lab Sample ID	Lab Notes	(g)	(% by weight)	(% by weight)
02-02-900-L011		0.0572	0.002%	< 0.007%
1214516PBP_11	pink wall paint			
02-02-900-L012		0.0532	0.003%	0.11%
1214516PBP_12	light green wall paint	0.0002	0.00070	002270
02-02-900-L013	(Yellow wall paint) engineering bld.	0.0494	0.003%	< 0.008%
1214516PBP_13				

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.

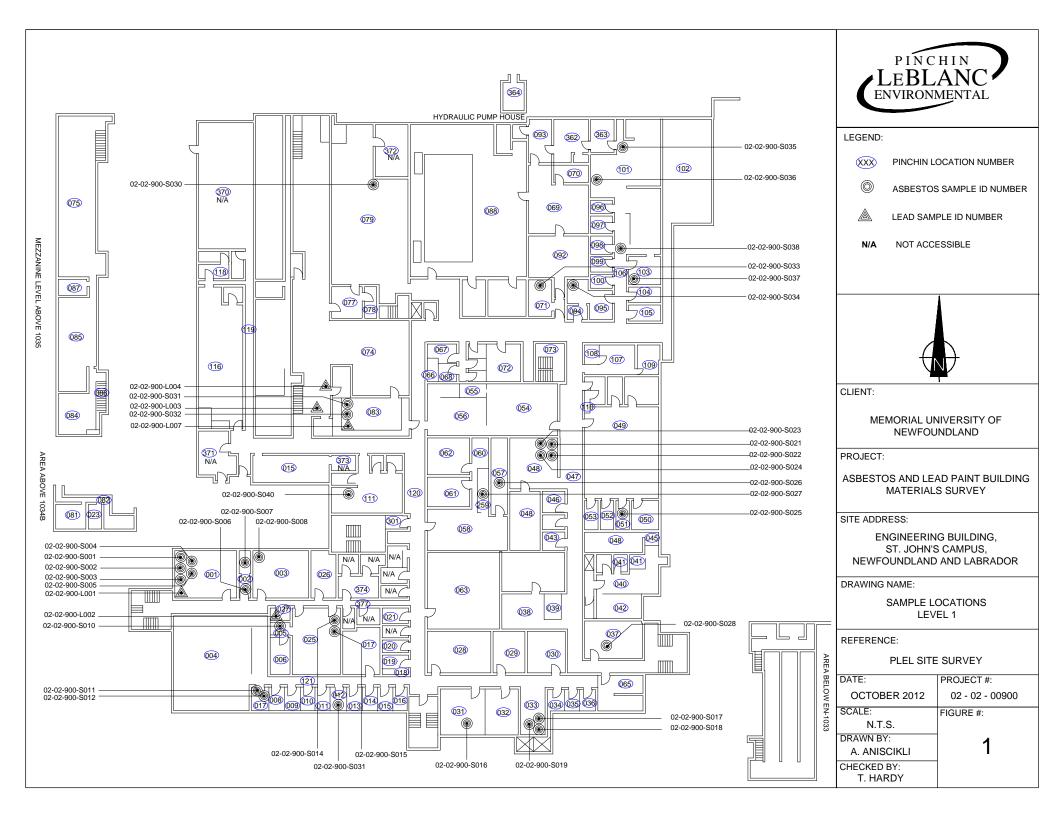
Melissa Sharps (13)

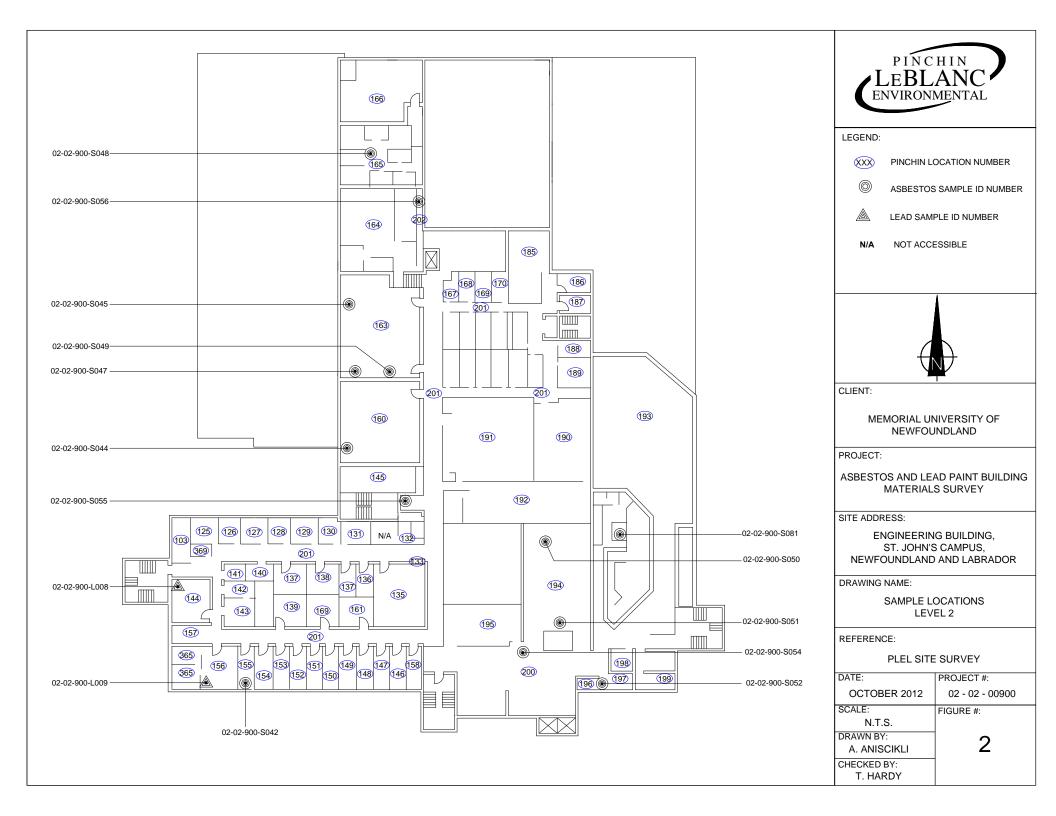
Analyst

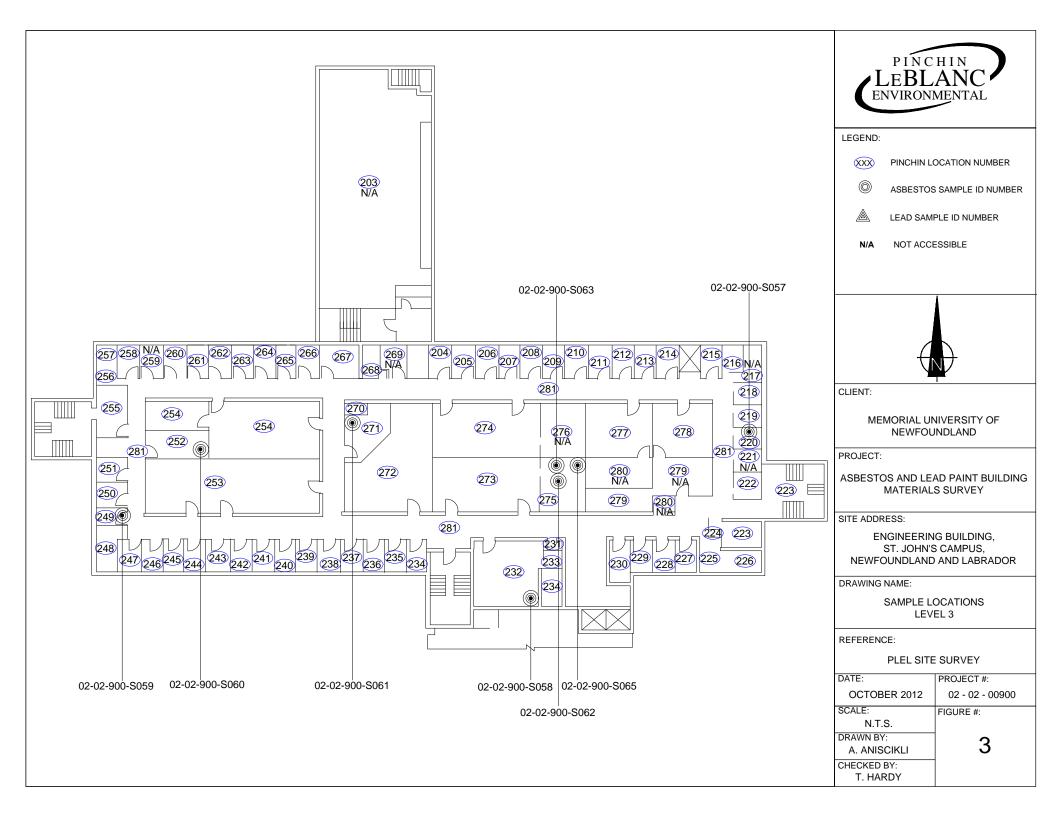
Laboratory Director

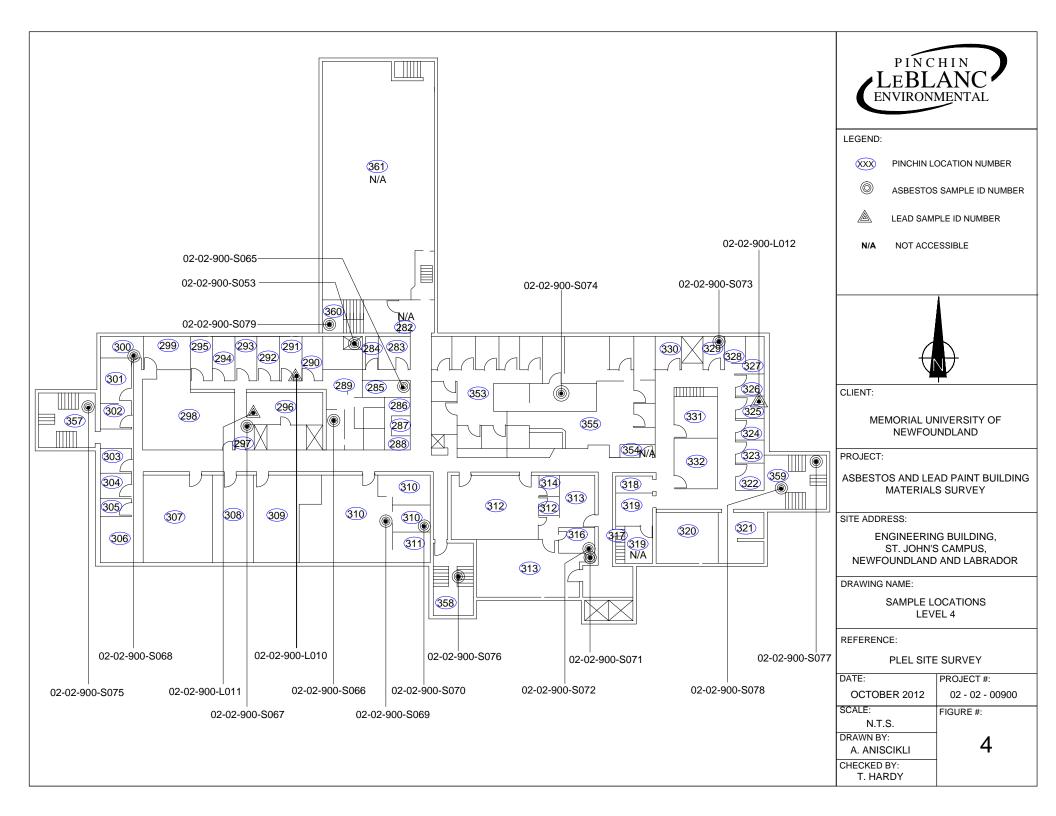
APPENDIX III

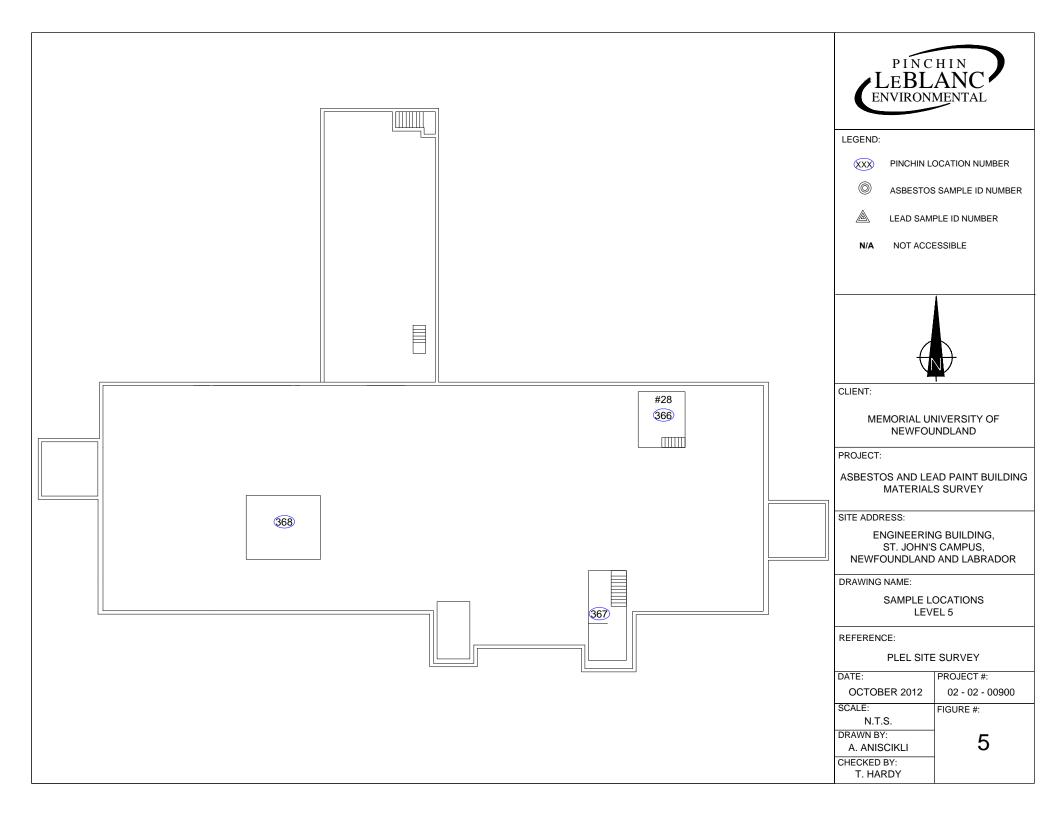
SITE DRAWINGS











APPENDIX IV

SAMPLE LOG



Sample #:	S001		Date Sampled:	July 25, 2012		
Building:	Engineering and		Sampler:	Trent Hardy		
	Applied Sciences					
Location:	Room EN1052		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
Bulk Sampling Parameters						
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor	
□ Elbow	☐ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	fastic	Miscellaneous:		
☐ Insulation	□ DWJC		Structural			
□ Tape		\square S	teel F. P. ing	No. of Phases:		
☐ Paper Wrap			eck F. P. ing	Colour: Greenis white and green	sh blue with large 1 specks	



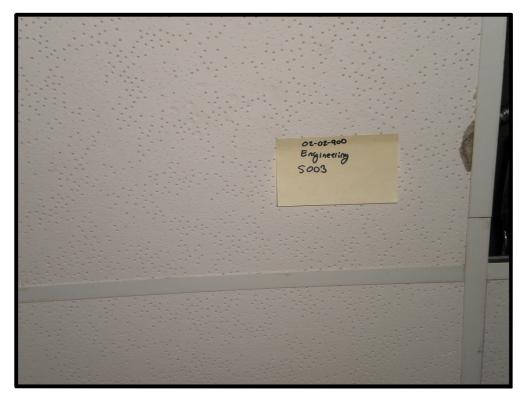


Sample #:	S002	Date Sampled:	July 25, 2012		
Building:	Engineering and	Sampler:	Trent Hardy		
_	Applied Sciences				
Location:	Room EN1052	Analysis:	SAI - PLM		
MUN Project #:	02-02-900	Work Order #:			
Bulk Sampling Parameters					
Pipe/Tank	Flooring	Ceiling	Roofing	Location	
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	□ Floor	
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	X Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling	
☐ Gasket	Wall	☐ Plaster		□ Other	
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)			
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:		
☐ Insulation	X DWJC	Structural			
☐ Tape		☐ Steel F. P. ing	No. of Phases:		
☐ Paper Wrap		☐ Deck F. P. ing	Colour:		



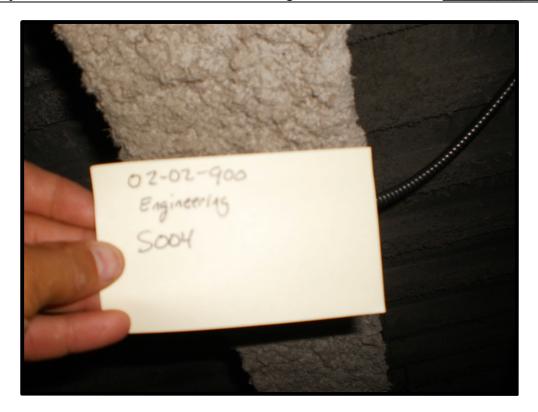


Sample #:	S003		Date Sampled:	July 25, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1052		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
Bulk Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	\Box T	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square St	tucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ P	opcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	\Box D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P	laster		□ Other
☐ Tank Insulation	☐ Transite Panel	X A	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\Box A	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	Iastic	Miscellaneous:	2' x 4' pinhole
☐ Insulation	□ DWJC		Structural		
☐ Tape		\square St	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\Box D	eck F. P. ing	Colour:	
MUN Project #: Pipe/Tank ☐ Insulation ☐ Elbow ☐ Fitting ☐ Transite Pipe ☐ Gasket ☐ Tank Insulation ☐ Pipe Wrap HVAC ☐ Insulation ☐ Tape	Room EN1052 02-02-900 Flooring 12'x12' Tile 9'x9'Tile Vinyl Sheet Mastic Wall Transite Panel Textured Wall Plaster	□ Ti □ Si □ Pi □ D □ Pi X Ai □ A □ M	Work Order #: Sampling Parameters Ceiling extured tucco opcorn WJC laster coustic Tile (Dropped) coustic Tile (Glued-on) lastic Structural teel F. P. ing	Roofing Shingle Rolled Felt Tar Miscellaneous:	☐ Floor ☐ Wall Orientation X Ceiling ☐ Above Ceiling ☐ Other 2' x 4' pinhole





Sample #:	S004	Date Sampled:	July 25, 2012		
Building:	Engineering and	Sampler:	Trent Hardy		
J	Applied Sciences	-			
Location:	Room EN1052	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	☐ Stucco	□ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	X Above Ceiling	
☐ Gasket	Wall	☐ Plaster		□ Other	
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)			
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:		
☐ Insulation	□ DWJC	Structural			
☐ Tape		X Steel F. P. ing	No. of Phases:		
☐ Paper Wrap		X Deck F. P. ing	Colour:		





Sample #:	S005	Date Sampled:	July 25, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN1052	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	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	X Above Ceiling
☐ Gasket	Wall	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	X Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	



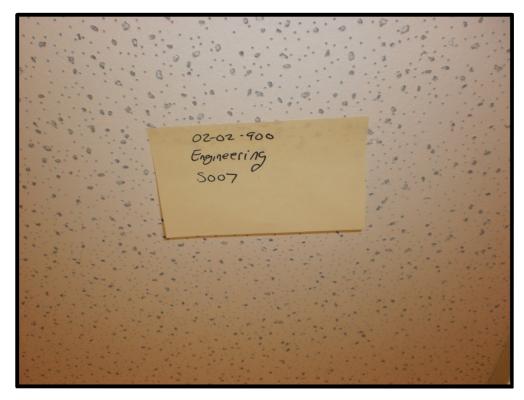


01111 = 11011					
Sample #:	S006	Date Sampled:	July 25, 2012		
Building:	Engineering and	Sampler:	Trent Hardy		
	Applied Sciences				
Location:	Room EN1051A	Analysis:	SAI - PLM		
MUN Project #:	02-02-900	Work Order #:			
Bulk Sampling Parameters					
Pipe/Tank	Flooring	Ceiling	Roofing	Location	
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor	
□ Elbow	□ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling	
☐ Gasket	Wall	☐ Plaster		☐ Other	
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)			
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:		
☐ Insulation	□ DWJC	Structural			
☐ Tape		☐ Steel F. P. ing	No. of Phases:		
☐ Paper Wrap		□ Deck F. P. ing	Colour: White	with blue streaks	



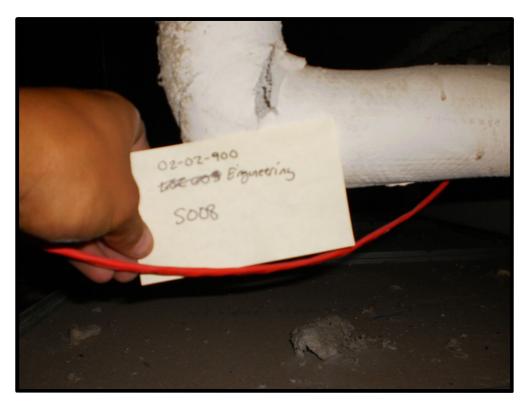


Sample #:	S007	Date Sampled:	July 25, 2012		
Building:	Engineering and	Sampler:	Trent Hardy		
	Applied Sciences				
Location:	Room EN1051A	Analysis:	SAI - PLM		
MUN Project #:	02-02-900	Work Order #:			
Bulk Sampling Parameters					
Pipe/Tank	Flooring	Ceiling	Roofing	Location	
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor	
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling	
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling	
☐ Gasket	Wall	□ Plaster		☐ Other	
☐ Tank Insulation	☐ Transite Panel	X Acoustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)			
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	2' x 2' pinhole fleck	
☐ Insulation	□ DWJC	Structural			
☐ Tape		☐ Steel F. P. ing	No. of Phases:		
☐ Paper Wrap		□ Deck F. P. ing	Colour:		





Sample #:	S008	Date Sampled:	July 25, 2012			
Building:	Engineering and	Sampler:	Trent Hardy			
_	Applied Sciences	_				
Location:	Room EN1051	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	☐ Stucco	□ Rolled	☐ Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	X Above Ceiling		
☐ Gasket	Wall	☐ Plaster		□ Other		
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)				
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:			
☐ Insulation	□ DWJC	Structural				
☐ Tape		☐ Steel F. P. ing	No. of Phases:			
☐ Paper Wrap		☐ Deck F. P. ing	Colour:			





UNIVERSII	Υ				
Sample #:	S009	Date Sampled:	July 25, 2012		
Building:	Engineering and	Sampler:	Trent Hardy		
_	Applied Sciences				
Location:	Room EN1053	Analysis:	SAI - PLM		
MUN Project #:	02-02-900	Work Order #:			
Bulk Sampling Parameters					
Pipe/Tank	Flooring	Ceiling	Roofing	Location	
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor	
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling	
☐ Gasket	Wall	☐ Plaster		□ Other	
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)			
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:		
☐ Insulation	□ DWJC	Structural			
☐ Tape		☐ Steel F. P. ing	No. of Phases:		
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Blue w	ith white streaks	





Sample #:	S010	Date Sampled:	July 25, 2012		
Building:	Engineering and	Sampler:	Trent Hardy		
<u> </u>	Applied Sciences	-			
Location:	Room EN1053	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	☐ Stucco	□ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling	
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling	
☐ Gasket	Wall	☐ Plaster		□ Other	
☐ Tank Insulation	☐ Transite Panel	X Acoustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)			
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	2' x 4' pinhole fleck	
☐ Insulation	□ DWJC	Structural			
☐ Tape		☐ Steel F. P. ing	No. of Phases:		
☐ Paper Wrap		□ Deck F P ing	Colour:	· · · · · · · · · · · · · · · · · · ·	





Sample #:	S011	Date Sampled:	July 25, 2012			
Building:	Engineering and	Sampler:	Trent Hardy			
	Applied Sciences					
Location:	Room EN1056	Analysis:	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:				
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location		
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor		
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	☐ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling		
☐ Gasket	Wall	☐ Plaster		□ Other		
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)				
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:			
☐ Insulation	□ DWJC	Structural				
□ Tape		☐ Steel F. P. ing	No. of Phases:			
☐ Paper Wrap		□ Deck F. P. ing	Colour: <u>Light b</u> white streaks	rown with large		



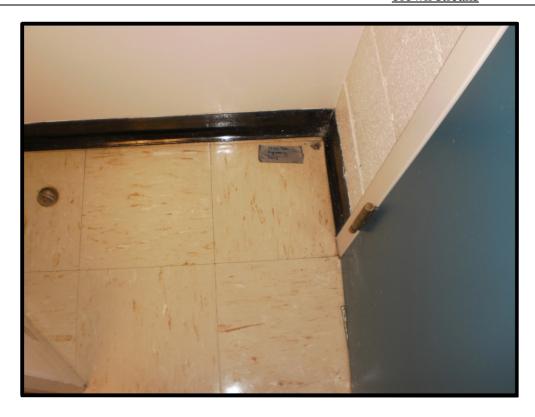


Sample #:	S012	Date Sampled:	July 25, 2012			
Building:	Engineering and	Sampler:	Trent Hardy			
	Applied Sciences					
Location:	Room EN1056	Analysis:	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:				
	Bulk Sampling Parameters					
Pipe/Tank	Flooring	Ceiling	Roofing	Location		
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor		
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling		
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling		
☐ Gasket	Wall	☐ Plaster		□ Other		
☐ Tank Insulation	☐ Transite Panel	X Acoustic Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)				
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	2' x 2' pinhole		
☐ Insulation	□ DWJC	Structural				
☐ Tape		☐ Steel F. P. ing	No. of Phases:			
☐ Paper Wrap		☐ Deck F. P. ing	Colour:			





Sample #:	S013		Date Sampled:	July 25, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN 1061		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	Iastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\Box D	eck F. P. ing	Colour: Very lig	ght brown with large





Sample #:	S014	Date Sampled:	July 25, 2012			
Building:	Engineering and	Sampler:	Trent Hardy			
	Applied Sciences		_			
Location:	Room EN1049	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	☐ Stucco	☐ Rolled	X Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling		
☐ Gasket	Wall	☐ Plaster		□ Other		
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)				
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:			
☐ Insulation	X DWJC	Structural				
☐ Tape		☐ Steel F. P. ing	No. of Phases:			
□ Paper Wrap		□ Deck F P ing	Colour:	· · · · · · · · · · · · · · · · · · ·		



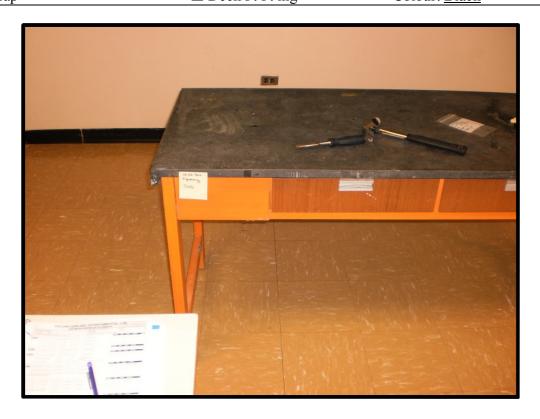


Sample #:	S015	Date Sampled:	July 25, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN1049	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	X Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Stynatonal	compound on d	<u>luctwork</u>
	□ DWJC	Structural	No of Dhogog	
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S016	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences	-		
Location:	Room EN1001	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	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		X Other (counter)
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F P ing	Colour: Black	





Sample #:	S017	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN1001	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: Aqua co	olour with white and





Sample #:	S018	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN1C01	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: Green v	with thick green





Sample #:	S019		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1C01		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X 12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	OWJC	□ 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	\square N	fastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour: Green v	with thick white



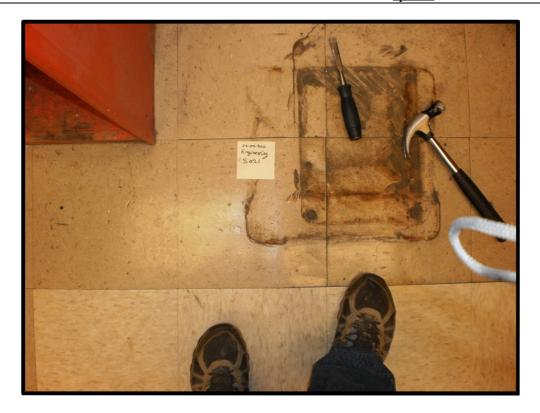


Sample #:	S020	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences	_		
Location:	Room 1015B	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: White v	with abundant grey





Sample #:	S021	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences	_		
Location:	Room 1017A	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: <u>Brown</u> specks	with abundant grey





01414 [1311	1					
Sample #:	S022	Date Sampled:	July 26, 2012			
Building:	Engineering and	Sampler:	Trent Hardy			
J	Applied Sciences	_				
Location:	Room 1019A	Analysis:	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:				
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location		
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor		
□ Elbow	□ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling		
☐ Gasket	Wall	☐ Plaster		□ Other		
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)				
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:			
☐ Insulation	\square DWJC	Structural				
☐ Tape		☐ Steel F. P. ing	No. of Phases:			
☐ Paper Wrap		□ Deck F. P. ing	Colour: White	mottled brown		



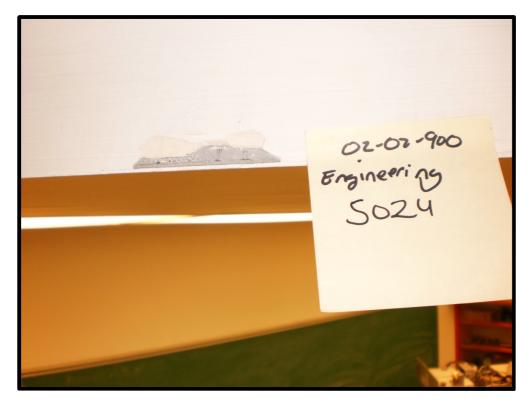


Sample #:	S023		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1019A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	lastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ D	eck F. P. ing	Colour: <u>Light b</u> <u>streaks</u>	rown with red





	~~*			7 1 2 6 2 2 2 2	
Sample #:	S024		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1019A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	ПТ	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	l astic	Miscellaneous:	
☐ Insulation	X DWJC		Structural		
☐ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\Box D	eck F. P. ing	Colour:	





Sample #:	S025		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1020B		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	ΠТ	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square St	rucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P	aster		X Other (fume hood)
☐ Tank Insulation	X Transite Panel	\Box A	coustic Tile (Dropped)		•
☐ Pipe Wrap	☐ Textured Wall	\Box A	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	astic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		\square St	eel F. P. ing	No. of Phases:	
☐ Paper Wrap		\square D	eck F. P. ing	Colour:	





Sample #:	S026	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
<u> </u>	Applied Sciences	-		
Location:	Room EN1038F	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	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F P ing	Colour: Cream	and brown streaks





Sample #:	S027	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
J	Applied Sciences	-		
Location:	Room EN1038	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	☐ Stucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	





Sample #:	S028		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1010		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco		□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn		□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	lastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour: White v	with large brown





Sample #:	S029		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1034B		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	\Box T	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn		□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	\square D	OWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	\square P	laster		☐ Other
☐ Tank Insulation	☐ Transite Panel	ΧA	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\Box A	coustic Tile (Glued-on)		
HVAC	□ Plaster	\square N	f astic	Miscellaneous: fissure	2' x 4' pinhole
☐ Insulation	□ DWJC		Structural		
□ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour:	



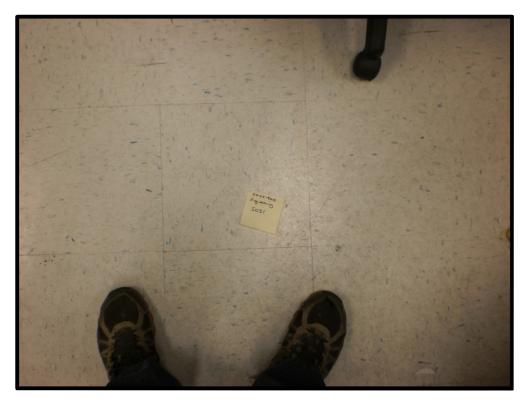


Sample #:	S030	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN1034	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
X Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		X Other (open
□ Gusket	** an	L I luster		area)
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	



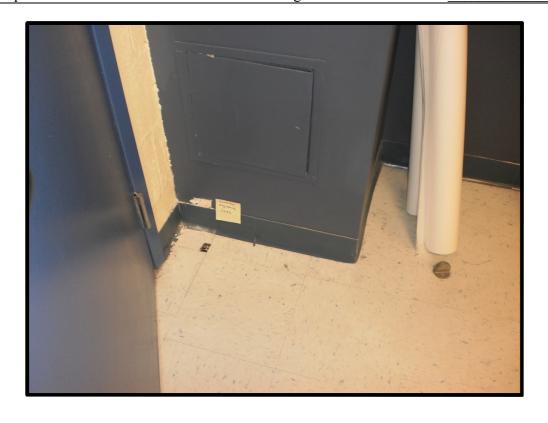


Sample #:	S031		Date Sampled:	July 26, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room 1035E		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk S	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	□Те	extured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco		☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn		□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ D'	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Pl	aster		☐ Other
☐ Tank Insulation	☐ Transite Panel	\Box Ac	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\Box Ac	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	astic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square St	eel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ De	eck F. P. ing	Colour: White v specks	with light blue





01414 [1311	1			
Sample #:	S032	Date Sampled:	July 26, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
J	Applied Sciences	_		
Location:	Room EN1035E	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	☐ Stucco	☐ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S033		Date Sampled:	July 27, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1026A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	□ T	extured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ St	rucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Pc	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P1	aster		□ Other
☐ Tank Insulation	☐ Transite Panel	$\Box A$	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\square A	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	astic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		□ St	eel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour: Green v	with white and





Sample #:	S034	Date Sampled:	July 27, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN1023A	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Grey w	ith dark grey streaks





Sample #:	S035		Date Sampled:	July 27, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1023F		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	Iastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour: Brown brown specks	with white and dark





S036	Date Sampled:	July 27, 2012	
Engineering and	Sampler:	Trent Hardy	
Applied Sciences			
Room EN1023F	Analysis:	SAI - PLM	
02-02-900	Work Order #:		
	Bulk Sampling Parameters		
Flooring	Ceiling	Roofing	Location
X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ 9'x9'Tile	□ Stucco	□ Rolled	☐ Wall Orientation
☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
Wall	□ Plaster		□ Other
☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
☐ Plaster	☐ Mastic	Miscellaneous:	
□ DWJC	Structural		
	☐ Steel F. P. ing	No. of Phases:	
	□ Deck F. P. ing	Colour: White	
	Engineering and Applied Sciences Room EN1023F 02-02-900 Flooring X12'x12' Tile	Engineering and Applied Sciences Room EN1023F 02-02-900 Work Order #: Bulk Sampling Parameters Flooring Ceiling X12'x12' Tile 9'x9'Tile Vinyl Sheet DWJC Wall Transite Panel Textured Wall Plaster Acoustic Tile (Dropped) Acoustic Tile (Glued-on) Plaster Mastic Structural Steel F. P. ing	Engineering and Applied Sciences Room EN1023F O2-02-900 Work Order #: Bulk Sampling Parameters Flooring Ceiling Textured Shingle Stucco Rolled Vinyl Sheet Popcorn Mastic DWJC Transite Panel Textured Wall Plaster Acoustic Tile (Dropped) Textured Wall Plaster Mastic Structural Structural Structural Steel F. P. ing Trent Hardy Tall Felt Confing Roofing Roofing Folled Shingle Cill Rolled Cill Rolled



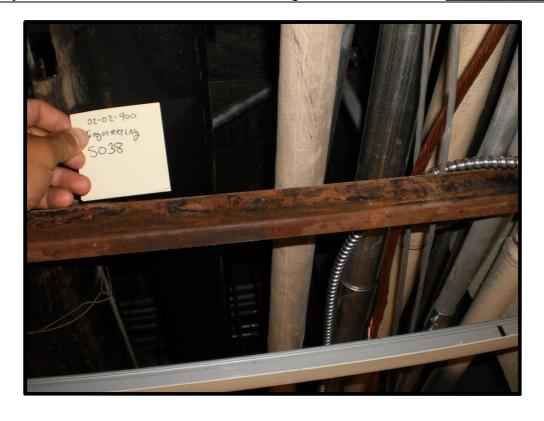


Sample #:	S037	Date	Sampled:	July 27, 2012			
Building:	Engineering and	Sam	pler:	Trent Hardy			
	Applied Sciences						
Location:	Room EN1023L/M	[Anal	ysis:	SAI - PLM			
MUN Project #:	02-02-900	Wor	k Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
☐ Insulation	□12'x12' Tile	☐ Texture	d	☐ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	☐ Stucco		□ Rolled	X Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	☐ Popcorr	1	□ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	□ DWJC		□ Tar	☐ Above Ceiling		
☐ Gasket	Wall	☐ Plaster			□ Other		
☐ Tank Insulation	☐ Transite Panel	☐ Acousti	c Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	☐ Acousti	c Tile (Glued-on)				
HVAC	☐ Plaster	☐ Mastic		Miscellaneous:			
☐ Insulation	X DWJC	S	structural				
☐ Tape		☐ Steel F.	P. ing	No. of Phases:			
☐ Paper Wrap		□ Deck F.	P. ing	Colour:			



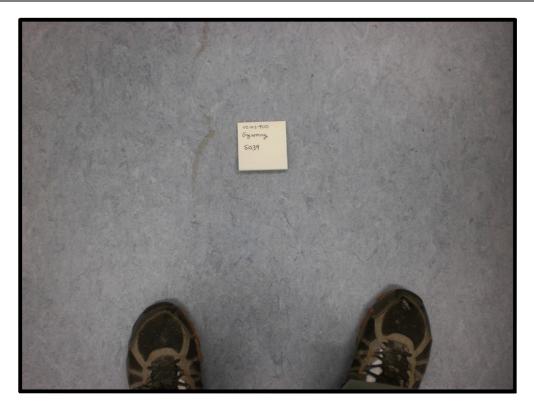


Sample #:	S038		Date Sampled:	July 27, 2012		
Building:	Engineering and		Sampler:	Trent Hardy		
_	Applied Sciences					
Location:	Room 1023 (hallwa	ay)	Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
Bulk Sampling Parameters						
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
☐ Insulation	□12'x12' Tile	□T	extured	☐ Shingle	□ Floor	
□ Elbow	□ 9'x9'Tile	\square S	tucco	☐ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	☐ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic		OWJC	□ Tar	X Above Ceiling	
☐ Gasket	Wall	\square P	laster		□ Other	
☐ Tank Insulation	☐ Transite Panel	$\square A$	coustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	$\square A$	coustic Tile (Glued-on)			
HVAC	☐ Plaster	\square N	Mastic	Miscellaneous:	<u>Tar paper</u>	
☐ Insulation	□ DWJC		Structural			
☐ Tape		\square S	teel F. P. ing	No. of Phases:		
☐ Paper Wrap			Deck F. P. ing	Colour:		



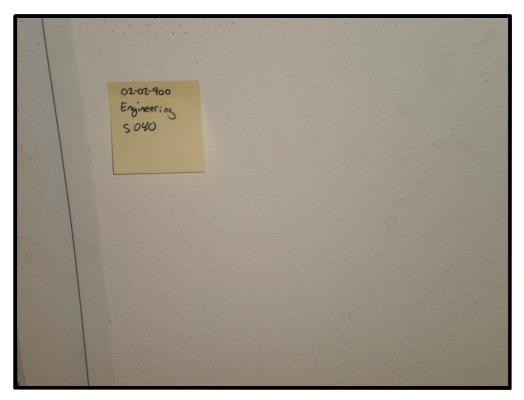


Sample #:	S039	Date Sampled:	July 27, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
_	Applied Sciences						
Location:	Room EN1020E	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation			
☐ Fitting	X Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		□ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Blue w	ave pattern			





Sample #:	S040		Date Sampled:	July 27, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN1037		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	ПТ	extured	☐ Shingle	☐ Floor
□ Elbow	☐ 9'x9'Tile	□ St	tucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Pc	opcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P1	laster		□ Other
☐ Tank Insulation	☐ Transite Panel	X A	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	lastic	Miscellaneous:	2' x 4' pinhole
☐ Insulation	□ DWJC		Structural		
☐ Tape		□ St	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\Box D	eck F. P. ing	Colour:	
Location: MUN Project #: Pipe/Tank □ Insulation □ Elbow □ Fitting □ Transite Pipe □ Gasket □ Tank Insulation □ Pipe Wrap HVAC □ Insulation □ Tape	Applied Sciences Room EN1037 02-02-900 Flooring 12'x12' Tile 9'x9'Tile Vinyl Sheet Mastic Wall Transite Panel Textured Wall Plaster	□ To □ St □ Po □ D □ Pl X Ao □ A □ M □ St	Analysis: Work Order #: Sampling Parameters Ceiling extured tucco opcorn WJC laster coustic Tile (Dropped) coustic Tile (Glued-on) lastic Structural teel F. P. ing	Roofing Shingle Rolled Felt Tar Miscellaneous:	☐ Floor ☐ Wall Orientatio X Ceiling ☐ Above Ceiling ☐ Other 2' x 4' pinhole





Sample #:	S041	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
Ü	Applied Sciences	-		
Location:	Room EN2025	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: Grey w	rith dark grey streaks





Sample #:	S042	Date Sampled:	July 30, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
	Applied Sciences						
Location:	Room EN2020	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
	Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation			
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		☐ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		□ Deck F. P. ing	Colour: Grey w and dark grey fl	ith abundant white ecks			





Sample #:	S043		Date Sampled:	July 30, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN2018A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	ПТ	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square St	rucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Pc	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P1	aster		□ Other
☐ Tank Insulation	☐ Transite Panel	\square A	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\square A	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	astic	Miscellaneous:	
☐ Insulation	X DWJC		Structural		
☐ Tape		□ St	eel F. P. ing	No. of Phases:	
☐ Paper Wrap		\square D	eck F. P. ing	Colour:	
☐ Insulation ☐ Elbow ☐ Fitting ☐ Transite Pipe ☐ Gasket ☐ Tank Insulation ☐ Pipe Wrap HVAC ☐ Insulation ☐ Tape	☐ 12'x12' Tile ☐ 9'x9'Tile ☐ Vinyl Sheet ☐ Mastic	□ St □ Pc □ D □ Pl □ Ac □ M □ M	extured cucco opcorn WJC aster coustic Tile (Dropped) coustic Tile (Glued-on) lastic Structural ceel F. P. ing	☐ Shingle ☐ Rolled ☐ Felt ☐ Tar Miscellaneous: No. of Phases:	☐ Floor X Wall Orientation ☐ Ceiling ☐ Above Ceiling ☐ Other





Sample #:	S044	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	Room EN2048	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: <u>Light y</u> yellow and whit	ellow with dark te specks



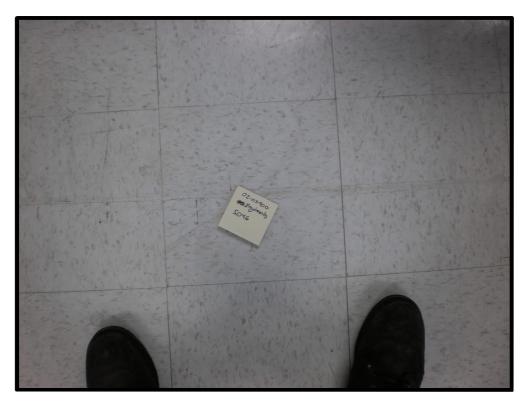


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Sample #:	S045	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
Ü	Applied Sciences	-		
Location:	Room EN2050	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: White	with yellow streaks_





Sample #:	S046		Date Sampled:	July 30, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	Room EN2050		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk S	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	□ Te	extured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ St	ucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Po	pcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Pla	aster		□ Other
☐ Tank Insulation	☐ Transite Panel	\Box Ac	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\Box Ac	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	astic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
□ Tape		\square Ste	eel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ De	eck F. P. ing	Colour: White v specks	with abundant grey





Sample #:	S047		Date Sampled:	July 30, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
_	Applied Sciences				
Location:	163, Room EN2050	0	Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	ПТ	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square St	tucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square M	lastic	Miscellaneous:	
☐ Insulation	X DWJC		Structural		
☐ Tape		\square St	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\square D	eck F. P. ing	Colour:	





Sample #:	S048	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	165, Room EN2077	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	□ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	X Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	2' x 4' pinhole fleck
☐ Insulation	□ DWJC	Structural		
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S049	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	191, room EN2043	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	☐ Stucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F P ing	Colour:	





Sample #:	S050	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	194, room EN2006	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	



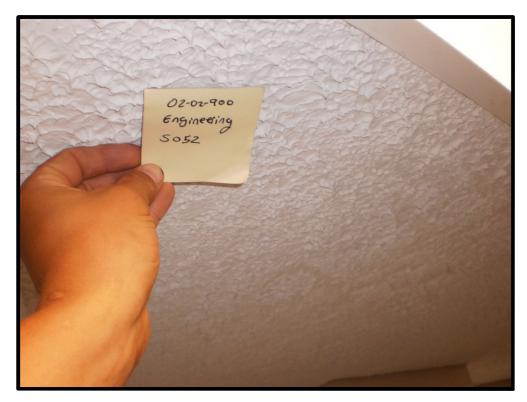


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Sample #:	S051	Date Sampled:	July 30, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
_	Applied Sciences			
Location:	194, room 2006	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	☐ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	X Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S052		Date Sampled:	July 31, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	196, room 2000		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	ΧT	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	Iastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour:	



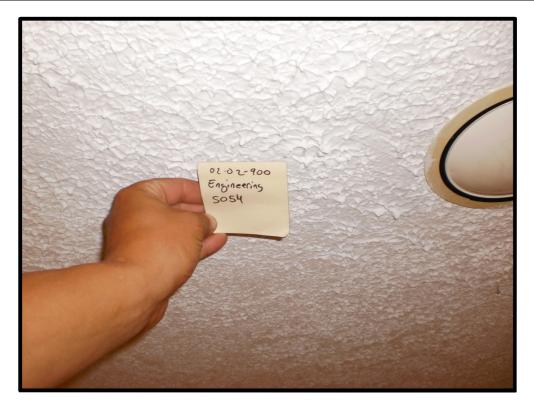


Sample #:	S053	Date Sampled:	July 31, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
_	Applied Sciences						
Location:	196, room 2000	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
	Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor			
□ Elbow	□ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation			
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		X Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	Heat Shield			
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		□ Deck F. P. ing	Colour:				





Sample #:	S054	Date Sampled:	July 31, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	200, room 2C01	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	X Textured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	





Sample #:	S055		Date Sampled:	July 31, 2012			
Building:	Engineering and		Sampler:	Trent Hardy			
	Applied Sciences						
Location:	201, room 2C02		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
	Bulk Sampling Parameters						
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor		
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	\square D	OWJC	□ 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	\square N	lastic	Miscellaneous:			
☐ Insulation	□ DWJC		Structural				
□ Tape		\square S	teel F. P. ing	No. of Phases:			
☐ Paper Wrap			eck F. P. ing	Colour: Red wi	th abundant white		





S056		Date Sampled:	July 31, 2012	
Engineering and		Sampler:	Trent Hardy	
Applied Sciences				
202, room EN2002	A	Analysis:	SAI - PLM	
02-02-900		Work Order #:		
	Bulk	Sampling Parameters		
Flooring		Ceiling	Roofing	Location
□12'x12' Tile	\Box T	extured	☐ Shingle	□ Floor
□ 9'x9'Tile	\square S	tucco	□ Rolled	X Wall Orientation
☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Mastic	\square D	OWJC	□ Tar	☐ Above Ceiling
Wall	\square P	laster		☐ Other
☐ Transite Panel	\Box A	coustic Tile (Dropped)		
☐ Textured Wall	\Box A	coustic Tile (Glued-on)		
☐ Plaster	\square N	Mastic	Miscellaneous:	
X DWJC		Structural		
	\square S	teel F. P. ing	No. of Phases:	
	\Box D	Oeck F. P. ing	Colour:	
	Engineering and Applied Sciences 202, room EN2002 02-02-900 Flooring 12'x12' Tile 9'x9'Tile Vinyl Sheet Mastic Wall Transite Panel Textured Wall Plaster	Engineering and Applied Sciences 202, room EN2002A 02-02-900 Bulk	Engineering and Applied Sciences 202, room EN2002A Analysis: 02-02-900 Work Order #: Bulk Sampling Parameters Flooring Ceiling 12'x12' Tile Textured 9'x9'Tile Stucco Vinyl Sheet Popcorn Mastic DWJC Wall Plaster Transite Panel Acoustic Tile (Dropped) Textured Wall Plaster Mastic	Engineering and Applied Sciences 202, room EN2002A





Sample #:	S057		Date Sampled:	July 31, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	220, room 3014		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	\square St	tucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P1	laster		□ Other
☐ Tank Insulation	☐ Transite Panel	\Box A	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\Box A	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	Iastic	Miscellaneous:	
☐ Insulation	X DWJC		Structural		
☐ Tape		\square St	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\Box D	eck F. P. ing	Colour:	
☐ Transite Pipe ☐ Gasket ☐ Tank Insulation ☐ Pipe Wrap HVAC ☐ Insulation ☐ Tape	☐ Mastic Wall ☐ Transite Panel ☐ Textured Wall ☐ Plaster	□ D □ P! □ A □ A □ M	WJC laster coustic Tile (Dropped) coustic Tile (Glued-on) lastic Structural teel F. P. ing	☐ Tar Miscellaneous: No. of Phases:	☐ Above Ceiling ☐ Other





Sample #:	S058		Date Sampled:	July 31, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	232, room 3076		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	\Box T	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\square S	tucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	I astic	Miscellaneous:	
☐ Insulation	X DWJC		Structural		
☐ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\square D	eck F. P. ing	Colour:	





Sample #:	S059		Date Sampled:	July 31, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	249, room EN3052		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	\square St	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square M	Iastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		\square St	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\Box D	eck F. P. ing	Colour: White	with brown flecks
☐ Insulation ☐ Elbow ☐ Fitting ☐ Transite Pipe ☐ Gasket ☐ Tank Insulation ☐ Pipe Wrap HVAC ☐ Insulation ☐ Tape	Flooring X12'x12' Tile □ 9'x9'Tile □ Vinyl Sheet □ Mastic Wall □ Transite Panel □ Textured Wall □ Plaster	□ T	Ceiling extured tucco opcorn WJC laster coustic Tile (Dropped) coustic Tile (Glued-on) lastic Structural teel F. P. ing	☐ Shingle ☐ Rolled ☐ Felt ☐ Tar Miscellaneous: No. of Phases:	X Floor ☐ Wall Orientation ☐ Ceiling ☐ Above Ceiling ☐ Other





Sample #:	S060	Date Sampled:	July 31, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
_	Applied Sciences						
Location:	450, room 3054	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	☐ Stucco	□ Rolled	X Wall Orientation			
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		□ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	X DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		☐ Deck F. P. ing	Colour:				





Sample #:	S061	Date Sampled:	July 31, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
_	Applied Sciences	_					
Location:	271, room EN3058	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	X Floor			
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation			
☐ Fitting	X Vinyl Sheet	□ Popcorn	☐ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		□ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Dark b	<u>lue</u> _			





Sample #:	S062		Date Sampled:	July 31, 2012			
Building:	Engineering and		Sampler:	Trent Hardy			
	Applied Sciences		•	-			
Location:	275, room EN3000	A	Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
☐ Insulation	□12'x12' Tile	\Box T	extured	☐ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	☐ Stucco		□ Rolled	X Wall Orientation		
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling		
☐ Transite Pipe	☐ Mastic	\square D	OWJC	□ Tar	☐ Above Ceiling		
☐ Gasket	Wall	\square P	laster		□ Other		
☐ Tank Insulation	☐ Transite Panel	\square A	coustic Tile (Dropped)				
☐ Pipe Wrap	☐ Textured Wall	\square A	coustic Tile (Glued-on)				
HVAC	☐ Plaster	\square N	Mastic	Miscellaneous:			
☐ Insulation	X DWJC		Structural				
☐ Tape		\square S	teel F. P. ing	No. of Phases:			
☐ Paper Wrap		\Box D	eck F P ing	Colour:			



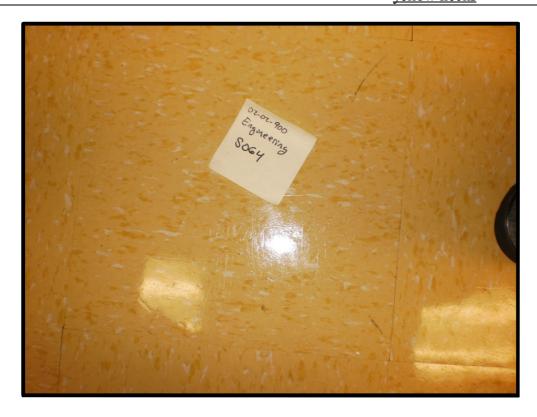


Sample #:	S063	Date Sampleo	l:	July 31, 2012	
Building:	Engineering and	Sampler:		Trent Hardy	
	Applied Sciences				
Location:	275, room EN3000.	A Analysis:		SAI - PLM	
MUN Project #:	02-02-900	Work Order	#:		
		Bulk Sampling Para	ameters		
Pipe/Tank	Flooring	Ceiling		Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Textured		☐ Shingle	□ Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco		☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vainly Sheet	□ Popcorn		□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC		□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster			X Other
□ Gasket	vv an	□ I lastel			(ductwork)
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Da	ropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (G	lued-on)		
HVAC	☐ Plaster	☐ Mastic		Miscellaneous:	Mastic
☐ Insulation	\square DWJC	Structura	1		
☐ Tape		☐ Steel F. P. ing		No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing		Colour:	



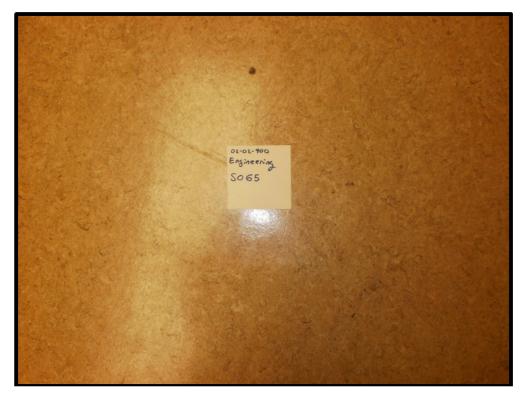


Sample #:	S064		Date Sampled:	July 31, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	275, room EN3000	A	Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	X12'x12' Tile	\Box T	extured	☐ Shingle	X Floor
□ Elbow	☐ 9'x9'Tile	\square S	tucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ 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	\square N	Iastic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap			eck F. P. ing	Colour: Pale ye vellow flecks	llow with white and





ONTVERSIT							
Sample #:	S065	Date Sampled:	July 31, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
	Applied Sciences						
Location:	285, room 4028	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	X Floor			
□ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation			
☐ Fitting	X Vinyl Sheet	□ Popcorn	☐ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		□ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		□ Deck F. P. ing	Colour: Brown	with light grey fleck			





Sample #:	S066	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	289, room 4030	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	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	X Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour: <u>Pale ye</u> brown	llow with light



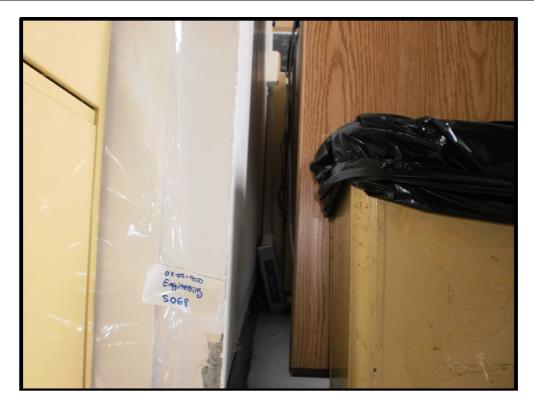


Sample #:	S067	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	297, room 4032	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S068		Date Sampled:	August 1, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
	Applied Sciences				
Location:	300, room EN4042	,	Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	□ Te	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ St	rucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Po	opcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ P1	aster		□ Other
☐ Tank Insulation	☐ Transite Panel	\square A	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square M	astic	Miscellaneous:	
☐ Insulation	X DWJC		Structural		
☐ Tape		□ St	eel F. P. ing	No. of Phases:	
☐ Paper Wrap		\square D	eck F. P. ing	Colour:	





Sample #:	S069	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	310, room EN4029	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	X Floor
□ Elbow	☐ 9'x9'Tile	□ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	X Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





01111 = 11011	•				
Sample #:	S070		Date Sampled:	August 1, 2012	
Building:	Engineering and		Sampler:	Trent Hardy	
<u> </u>	Applied Sciences		-		
Location:	310, room EN4029		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	\Box T	extured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco		☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	\square D	WJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	X Pl	aster		□ Other
☐ Tank Insulation	☐ Transite Panel	\Box A	coustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	\Box A	coustic Tile (Glued-on)		
HVAC	☐ Plaster	\square N	I astic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		\square S	teel F. P. ing	No. of Phases:	
☐ Paper Wrap		\square D	eck F. P. ing	Colour:	





Sample #:	S071	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences	-		
Location:	316	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	X Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	X Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Brown	<u>n stone</u>





Sample #:	S072	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
_	Applied Sciences	_		
Location:	316	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	☐ Stucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	





Sample #:	S073	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
<u> </u>	Applied Sciences	_		
Location:	329	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	☐ Stucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





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Sample #:	S074	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
<u> </u>	Applied Sciences	_		
Location:	355	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	☐ Stucco	☐ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	X DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	





Sample #:	S075	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	357	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	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	X Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	





Sample #:	S076	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	358	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	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	X Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S077	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	359	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	☐ Stucco	□ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	□ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	X Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
□ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Deck F. P. ing	Colour:	





Sample #:	S078	D	ate Sampled:	August 1, 2012	
Building:	Engineering and	S	ampler:	Trent Hardy	
	Applied Sciences				
Location:	359	A	analysis:	SAI - PLM	
MUN Project #:	02-02-900	W	Vork Order #:		
		Bulk Sa	mpling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Text	tured	☐ Shingle	☐ Floor
□ Elbow	□ 9'x9'Tile	☐ Stuc	cco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Pope	corn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	\square DW.	JC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	X Plast	ter		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Aco	ustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Aco	ustic Tile (Glued-on)		
HVAC	☐ Plaster	□ Mas	tic	Miscellaneous:	
☐ Insulation	□ DWJC		Structural		
☐ Tape		☐ Stee	el F. P. ing	No. of Phases:	
☐ Paper Wrap		□ Decl	k F. P. ing	Colour:	



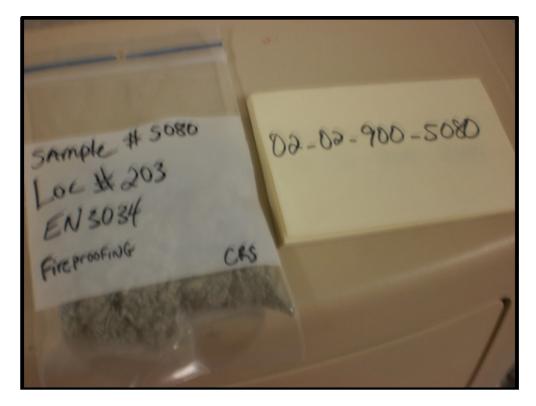


Sample #:	S079	Date Sampled:	August 1, 2012	
Building:	Engineering and	Sampler:	Trent Hardy	
	Applied Sciences			
Location:	360	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	X DWJC	□ Tar	☐ Above Ceiling
☐ Gasket	Wall	☐ Plaster		□ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:	
☐ Insulation	□ DWJC	Structural		
☐ Tape		☐ Steel F. P. ing	No. of Phases:	
☐ Paper Wrap		☐ Deck F. P. ing	Colour:	



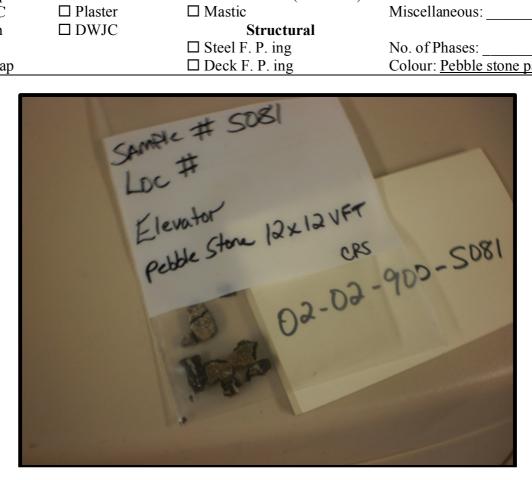


Sample #:	S080		Date Sampled:	August 10, 2012	•	
Building:	Engineering and		Sampler:	Curtis Snelgrove	2	
	Applied Sciences					
Location:	203, room EN3034		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
	Bulk Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location	
☐ Insulation	□12'x12' Tile	ПП	extured	☐ Shingle	☐ Floor	
□ Elbow	□ 9'x9'Tile	\square S	tucco	☐ Rolled	☐ Wall Orientation	
☐ Fitting	☐ Vinyl Sheet	\square P	opcorn	☐ Felt	☐ Ceiling	
☐ Transite Pipe	☐ Mastic	\Box D	OWJC	□ Tar	X Above Ceiling	
☐ Gasket	Wall	\square P	laster		□ Other	
☐ Tank Insulation	☐ Transite Panel	$\square A$	coustic Tile (Dropped)			
☐ Pipe Wrap	☐ Textured Wall	$\square A$	coustic Tile (Glued-on)			
HVAC	☐ Plaster	\square N	Mastic	Miscellaneous:	Fireproofing	
☐ Insulation	□ DWJC		Structural			
□ Tape		\square S	teel F. P. ing	No. of Phases: _		
☐ Paper Wrap		\square D	eck F. P. ing	Colour:		



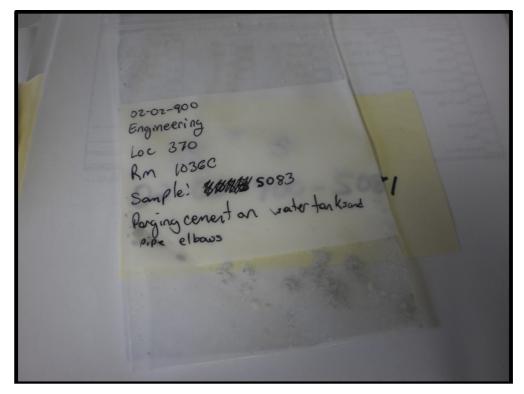


Sample #:	S081	Date Sampled:	August 10, 2012				
Building:	Engineering and	Sampler:	Curtis Snelgrove	2			
	Applied Sciences	_					
Location:	Elevator	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
☐ Insulation	X12'x12' Tile	☐ Textured	☐ Shingle	X Floor			
□ Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation			
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	□ Plaster		□ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	□ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
□ Tape		☐ Steel F. P. ing	No. of Phases: _				
☐ Paper Wrap		□ Deck F. P. ing	Colour: Pebble	stone pattern			





Sample #:	S082	Date Sampled:	August 13, 2012				
Building:	Engineering and	Sampler:	Trent Hardy				
	Applied Sciences						
Location:	EN1036C	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
X Insulation	□12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor			
X Elbow	☐ 9'x9'Tile	☐ Stucco	□ Rolled	☐ Wall Orientation			
X Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	□ Plaster		X Other (tank)			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		□ Deck F. P. ing	Colour:				





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Sample #:	S083	Date Sampled:	August 13, 2012	2			
Building:	Engineering and	Sampler:	Trent Hardy				
Ü	Applied Sciences	-					
Location:	Room 2042	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	☐ Stucco	☐ Rolled	☐ Wall Orientation			
☐ Fitting	☐ Vinyl Sheet	□ Popcorn	□ Felt	☐ Ceiling			
☐ Transite Pipe	☐ Mastic	□ DWJC	□ Tar	☐ Above Ceiling			
☐ Gasket	Wall	☐ Plaster		□ Other			
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)					
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)					
HVAC	☐ Plaster	☐ Mastic	Miscellaneous:				
☐ Insulation	□ DWJC	Structural					
☐ Tape		☐ Steel F. P. ing	No. of Phases:				
☐ Paper Wrap		□ Deck F. P. ing	Colour:				